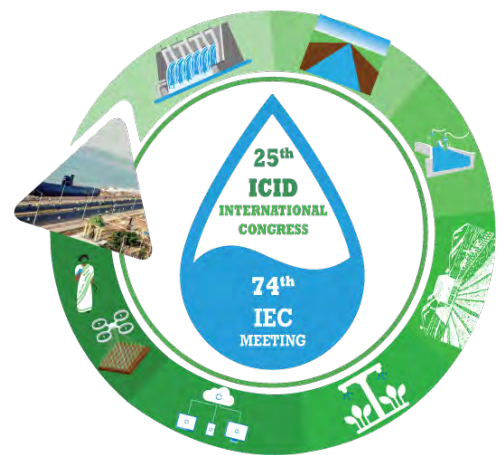


# AGENDA

74<sup>th</sup> International Executive Council &  
Pre-Council Meetings of Workbodies

1–8 November 2023, Visakhapatnam/ Vizag, India



ICID•CID

INTERNATIONAL COMMISSION ON  
IRRIGATION AND DRAINAGE

# ICID OFFICE BEARERS



**PRESIDENT**

Prof. Dr. Ragab Ragab (United Kingdom)  
(2020-2023)



**SECRETARY GENERAL**

Er. Ashwin B. Pandya (India)  
(2018-2024)

## VICE PRESIDENTS [2020-2023]



Prof. Choi, Jin-Yong  
(South Korea)



Dato. Ir. Hj. Nor Hisham  
Bin Mohd Ghazali (Malaysia)



Eng. Rafat Nael AbdulGhani  
Al-Intaki (Iraq)



## VICE PRESIDENTS [2021-2024]



Dr. Tsugihiko  
Watanabe (Japan)



Er. Aziz FERTAH  
(Morocco)



Er. Alireza Salamat  
(Iran)

## VICE PRESIDENTS [2022-2025]



Mr. Bruno Grawitz  
(France)



Prof. Dr. Sylvester Mpandeli  
(South Africa)



Mr. Kushvinder Vohra  
(India)

**AGENDA FOR THE 74<sup>TH</sup> MEETING OF  
INTERNATIONAL EXECUTIVE COUNCIL (IEC) OF ICID  
Visakhapatnam, Andhra Pradesh State, India  
Opening Plenary (First Session): 04 November 2023, 09:30 – 11:00 hours  
Second Session: 08 November 2023, 09:30 – 13:00 hours  
Third Session: 08 November 2023, 14:00 – 17:30 hours**

The International Executive Council (IEC) is vested with the management of the affairs of the International Commission on Irrigation and Drainage (ICID). The IEC considers all matters of policy which may be initiated or sponsored by any member National Committee or Office Bearer or by the Management Board and may itself initiate and determine or otherwise advise and lay down any matter of policy. All matters affecting the executive or administrative function and financial liabilities of ICID must come up before the Council and its decision shall be conclusive. The IEC consists of the Office Bearers and representative from each National Committee and meets annually.

**Opening Plenary (First Session): 04 November 2023, 09:30 – 11:00 hours**

**IEC Agenda Item 1: Welcome and opening remarks by the President**

1. President Prof. Dr. Ragab Ragab will welcome the members and make his opening remarks. President will put the role of ICID within the international water community in perspective, highlight the main achievements of the Commission during the last year since 73<sup>rd</sup> IEC meeting, brief members on the issues that are before IEC for deliberations, and delve on the need for a coherent approach towards the mission of ICID among its various stakeholders.

**IEC Agenda Item 2: Scoping out the issues to be addressed during the workbody meetings: Secretary General, Chair of PCTA and Chair of PCSO**

2. Secretary General will introduce the agenda and draw the attention of the members to certain issues such as the Action Plan of Road Map to ICID Vision 2030, International Research Program on Irrigation and Drainage, Knowledge Management Strategy and other issues that need the special consideration during the session. He will also give a brief about the procedural aspects regarding the conduct of IEC and Meetings of workbodies, including permanent committees.

3. VP Prof. Dr. Tsugihiko Watanabe, Chairman, PCTA and VPH Dr. Mochammad Amron, Chairman, PCSO will make short presentations on the important aspects that need attention of various Working Groups and how to make the meetings of workbodies reporting to their respective permanent committees, more vibrant and productive.

**IEC Agenda Item 3: Presentation by the National Committees**

4. The representatives of National Committees of India and Saudi Arabia have been approached to make presentations to showcase the activities of INCID and SACID, respectively and share some important aspects regarding the agriculture water management scenario in their countries. The NCs look forward to feedback and suggestions from the members on conclusion of their presentations.

**IEC Agenda Item 4: Presentation of Awards: WatSave, Best Paper, Best Performing National Committee, Best Performing Workbody, World Heritage Irrigation Structures**

**IEC Agenda Item 4.1: Presentation of the WatSave Awards**

5. The President, in consultation with the Management Board, constituted a Panel of Judges (PoJs) comprising of PH Felix B. Reinders (South Africa) as the Chair and VPH Dr. Brian T. Wahlin (USA), VPH Dr. Marco Arcieri (Italy), VPH Dr. Mohamed Wahba (Egypt), VPH Dr. Shinsuke Ota (Japan) and VP Rafat Nael Abdul Ghani Al-Intaki, Chair, WG-WATS (Iraq) as the members for evaluation of the nominations received for WatSave Awards 2023. The Chair of the Panel will present his report to the Council introducing the works for which the awards have been recommended.

6. President will hand over the plaques and the representative of the host National Committee will present the prize monies to the winners.

**IEC Agenda Item 4.2: Presentation of the Award for the Best Paper in the ICID Journal “Irrigation and Drainage”**

7. Out of the papers published in the ICID Journal “Irrigation and Drainage” during the year 2022, the best paper to be recognized by the Best Paper Award for 2023, will be announced by Chair of EB-JOUR, Prof. Jiusheng Li.

**IEC Agenda Item 4.3: Presentation of the Best Performing National Committee Award – 7<sup>th</sup> Edition (BPNCA-7)**

8. A Panel of Judges comprising of PH Felix B. Reinders (South Africa) as Chair and VP Prof. Choi, Jin-Yong (South Korea), VP Dato, Ir. Hj. Nor Hisham bin Mohd Ghazali (Malaysia), VP Eng. Rafat Nael AbdulGhani Al-Intaki (Iraq) as members, besides President and Secretary General, ICID acting as resource persons, has been constituted for evaluating the nominations received for BPNCA-7. The Chair will introduce the Best Performing NC based on the work undertaken during the last three years and the President will present the trophy and citation plaque to the winner.

**IEC Agenda Item 4.4: Presentation of the Best Performing Workbody Award – 6<sup>th</sup> Edition (BPWA-6)**

9. Since, ICID CO has not received any nomination for the BPWA-6 award, there will not be any presentation.

**IEC Agenda Item 4.5: Recognition of World Heritage Irrigation Structures (WHIS)**

10. In accordance with the provisions in the revised WHIS Scheme approved vide Resolution No.IEC-2/69 of the 69<sup>th</sup> IEC meeting, the Management Board constituted a Panel of Judges comprising VPH Dr. Mochammad Amron, Chairman, PCSO (Indonesia) as the Chair and VPH Dr. Karmran Emami, Chair, WG-HIST (Iran), Prof. Dr. Yutaka Matsuno (Japan), VPH Prof. Dr. Hesham Mostafa Mohamed Ali (Egypt), VPH Chaiwat Prechawit (Thailand) as members and Secretary General, ICID as Member-Secretary for the evaluation of the nominations invited under WHIS Scheme for the year 2023. The Chair of the Panel of Judges VPH Dr. Mochammad Amron, PCSO Chairman, will present the report to the Council about the identified historical irrigation and drainage structures that will be accorded recognition as “World Heritage Irrigation Structures” and later included in the ICID Register of WHIS on Council's approval. The representatives of the NCs whose WHIS have been recognized and recommended to be included in the ICID Register of WHIS will be handed over a “Plaque/Certificate” to this effect.

**Second Session: 08 November, 2023, 09:30 – 13:00 hours**

**IEC Agenda Item 5: Action Taken Report on the decisions of 73<sup>rd</sup> IEC and the decisions taken by the Management Board (MB)**

11. Actions on all the decisions by the 73<sup>rd</sup> IEC meeting were initiated/completed during the year. A brief report on the action taken on the decisions of the 73<sup>rd</sup> IEC, other than the routine and administrative in nature, is presented in **Annex 1, page 11**. The Secretary General will also present before the Council, the decisions taken by the Management Board on behalf of IEC in accordance with Article 8.1 of the ICID Constitution and Clause 3.9.2 of ICID By-laws, which are listed in **Annex 2, page 13**, for ratification by the Council.

**IEC Agenda Item 6: Report by the Secretary General**

12. Secretary General Er. Ashwin Pandya will briefly present the Annual Report 2022-23, already circulated, and also present the physical and financial progress on activities undertaken during the period from April 2023 till date to the Council, including report on cooperation and collaboration with various international organizations.

**IEC Agenda Item 7: Presentation on Strategy Theme “Scheme”**

13. Co-Theme Leaders of Strategy Theme: Schemes, Prof. Dr. Tsugihiko Watanabe, Mr. Aziz Fetahi and Mr. Bruno Grawitz will make a presentation on Strategy Theme “Schemes” to analyze the work undertaken by the group of work bodies under the strategy theme and identify gaps, if any, in fulfilling the objectives of ICID relating to that theme as well as exploring/using interconnections with other themes. The presentation also aims to help in undertaking a creative analysis of functioning of ICID workbodies, their success in achieving mandates and invigorating them within the framework of ICID mission and objectives.

## **IEC Agenda Item 8: International Research Program for Irrigation and Drainage (IRPID) Scheme**

14. VP Prof. Dr. Tsugihiko Watanabe, Chair, Advisory Committee for International Research Program for Irrigation and Drainage (AC-IRPID) will present the report of the Advisory Committee to the Council for its consideration and guidance to make the IRPID Scheme a globally balanced one in fostering research in irrigation and drainage.

### **IEC Agenda Item 8.1: IRPID-IRN to be considered as a formal Workbody**

15. Ahwaz Regional Node has been hosted by the Iranian National Committee (IRNCID) since 2011 under the rechristened program, titled 'International Research Program for Irrigation and Drainage (IRPID)'. Since then, IRPID-IRN are carrying multiple activities at regional level.

16. For the continuity and sustainability of the research activities within this platform on the ICID stage, IRPID-IRN requested to consider Ahwaz Regional Node and its activities as a formal workbody, similar to other regional Workbodies. The details are given as **Annex 3, page 17**.

## **IEC Agenda Item 9: Reports by the Chairs of Permanent Committees**

### **IEC Agenda Item 9.1: Permanent Finance Committee (PFC)**

17. VPH Dr. Marco Arcieri, Chairman, PFC will present his report on the 44<sup>th</sup> meeting of the PFC (to be held on 05 November). The agenda of PFC is given at **Appendix I, page 31**.

### **IEC Agenda Item 9.2: Permanent Committee on Strategy and Organization (PCSO)**

18. VPH Dr. Mochammad Amron, Chairman, PCSO will present his report on the 34<sup>th</sup> meeting of PCSO (to be held on 06 November). The agenda of PCSO is given at **Appendix II, page 53**.

### **IEC Agenda Item 9.3: Permanent Committee for Technical Activities (PCTA)**

19. VP Prof. Dr. Tsugihiko Watanabe, Chairman, PCTA will present his report on the 43<sup>rd</sup> meeting of PCTA (to be held on 07 November). The agenda of PCTA is given at **Appendix VIII, page 105**

### **IEC Agenda Item 9.4: Discussions and Decisions on the Recommendations of the Permanent Committees**

20. The Council will deliberate on the reports and recommendations of PFC, PCSO and PCTA together in totality and will take decisions through resolutions as appropriate duly taking note of the report of the Secretary General under Agenda Item 6. Draft Resolutions (DRs) on the Financial Matters of ICID presented through PFC Report and on the Organizational and Technical Matters of ICID presented through the Reports of PCSO and PCTA, are placed as **DR-1/74** and **DR-2/74** (**pages 15 and 16**).

## **IEC Agenda Item 10: Overall Long-Term Financial and Technical Sustainability of ICID**

### **IEC Agenda Item 10.1: Bringing better spread of ICID community with increased membership**

21. Over the period of time, the membership has been fluctuating with some steady erosion noticed recently. The subscription income is relatively steady provided the country persists with the membership. Due to various issues faced by the individual country, the membership dues are not cleared in time and consequently, the anticipated income is not realised. To strengthen the subscription income, the member countries have to set internal mechanisms for funding their national committees on a reliable basis, so that the committees are able to provide subscription on a sustained basis. This translates into the durability of membership issue, which is dealt with later in the pathways for achieving sustainability.

22. The subscription income does not keep pace with the inflationary trends on salaries and other expenses necessary for the organization. The present sphere of activities requires resources, which are much beyond the subscription revenues. The concessions provided further stress this source. Recently, the effects of COVID pandemic generated the necessity to postpone the increases due to inflation and also waiving off of the delays in the payments. While there was a genuine calamity for the organization as well as the members, the burden of servicing the calamity rested with the organization alone.

23. Since, the subscription is related to the development status of the country, the participation of the developed countries provides better resource base which can then be used for the common good. However, of late, there has been a trend of developed countries falling back on their membership. The developmental and challenging opportunities does exist in the developing and Least Developed countries. However, a first-hand feel of the issues at hand is missed by the developed country professionals by remaining away from the organization. Irrigation and drainage professionals of the developed countries need to introspect on this aspect.

**IEC Agenda Item 10.2: Achievement of Financial Stability through Redevelopment of ICID buildings Arrangements and Progress**

24. The rental income has emerged as a bulwark against the fluctuating and often declining subscription income. The support given by the members during putting up of the additional construction which was an advance investment for the future of ICID has performed well so far and have yielded the fruits of sustainability. Concerns over growing proportion of the rental income over the overall income has been raised by the learned members frequently. Some amelioration measures were also planned.

25. The fears did come true as the then tenant M/s Yes Bank faced some financial difficulties and the new management of the bank decided to quit the premises. This could have been a single shock which could have been weathered in stable market conditions. However, the almost simultaneous occurrence of pandemic lead to a crash in the rental market in India generated due to increasing business vulnerabilities, work from home paradigms and general weakening of economic activity. This has led to serious reduction in the financial stability for the organization.

26. There are multiple options available in form of further increasing the area for renting and having multiple clients so that the failure of one of the clients does not result in the drastic cuts in income as witnessed now. However, the same requires infusion of additional capital in construction. Taking loan will generate a significant burden of repayment and the beneficial effects may show the impact after about five years of sustained occupation of the new premises along with the presently existing one. Rental income does provide a quick fix solution but cannot help in increasing the technical relevance of the organization, which is the other aspect of sustainability.

27. At the beginning of the year 2023, ICID was able to identify a prospective tenant M/s Bharati Enterprises Limited, who instead of taking premises on rent proposed to redevelop and rebuild the property at ICID premises to take maximum advantage of the increased Floor Area Ratio (FAR) to create additional area as well as construction of structurally sound new building with all modern amenities. M/s Bharti Enterprises Limited (M/s Bharti), has also proposed to fund the redevelopment process and to recover the cost of redevelopment with subsidized rentals as well as ensuring the revenue stream over a long time and servicing of entire redevelopment expenditure. ICID will get some additional area after redevelopment and the ownership of the building will remain only with ICID. More details are given as **Annex 4, page 19**. The proposals were discussed in detail at a special expert committee set up including MB and PFC members as well as the past office bearers. Subsequently the proposals have also been brought up at a special IEC session organized on 27 March 2023, where the proposals were ratified. Present status will be provided by Secretary General during the IEC.

**IEC Agenda Item 10.3: Intermittent Income from Flagship events**

28. In order to organize and provide technical management of large international events which are flagship of ICID, the organization receives a share of the registration income received by the host national committee organizing the event. The quantum and the receipt of the income is generally post-facto and quantum cannot be assured in advance as the participation sizes are variable.

29. This part of the income suffered the worst impacts of pandemic and thereby depriving the income source for the last three years from 2020 to 2022. It is likely that the revenue stream will come back to general normalcy in 2024. This income also faces threat due to online meeting platforms and their cost effectiveness from participation point of view. However, due to limitations of networking opportunities and the strait jacketed environments for delivery of the knowledge, the physical meetings are staging a comeback. Building back such momentum will take time.

30. This income group forms the smallest component of the income when compared with the other three. There is a limited scope of increasing the revenues through this channel as the limitations of increasing participation fees are great. Also, the fee will have to be in tuned with the other expenditures being made by the concerned National Committee for the event, so that the organization of an event is viewed favourably. Thus, the balance has to be achieved between these two requirements. The income can best be employed for the promotion and support to other activities like Young Professional and capacity building efforts.

**IEC Agenda Item 10.4: Achievement of Technical Sustainability through Value addition for the Participants**

31. This is an important aspect of maintaining relevance of ICID and also act as incentives for the countries to become part of ICID network. At present, most of the activities and outputs are in public domain except the awards. There is no premium on joining the network as a member. This fact has been highlighted by many members and is a relevant concern. There has to be an added value by participation in the network. The value addition can come in many terms.

32. In case of developed countries, the knowhow, services and products that can be offered by them may find a platform in form of ICID for promotion in the target countries. With adequate financial and logistic support for such activities in any specified region, ICID can lend its goodwill and branding under which such an initiative can be planned. This will help the target country to have confidence in the outcomes and simultaneously go a long way in establishing the need of ICID for a relatively developed and outward looking country. In such case, the direct membership structure can be re-visited and better options for the industrial and institutional direct members may be provided wherein an exclusive platform is provided and also the preliminary ground work for such initiative is supported through the network. Perhaps, large corporations and agencies (voluntary or commercial) can also be given a role in the management as office bearer posts through election.

33. In case of developing countries at various levels, ICID can offer taking up self-sponsored or supported studies and investigations in the area of agriculture water management for identifying their needs and articulating them for support. This will help them in justifying their needs for larger developmental efforts internally as well externally. ICID has a huge knowledge base in form of our outputs since last 70 years and counting. This knowledge base can provide an authenticity and weight to the outputs of the study/investigations. Since ICID report will carry a weight, the professionals may find it useful for maintaining association with ICID. Naturally, this will require funding though to a limited extent. Such funding can be generated out of additional incomes through rental or professional services-based sources or international donor agencies contributions. At the initial stage, the surpluses as and when generated out of the rental income can be ploughed into the initial efforts and later on the activity can become neutral and self-supporting.

34. Such an initiative was conceptualized under the Service Unit proposal which was approved by 70<sup>th</sup> IEC in 2019 at Bali. However, the pandemic related lockdowns have prevented operationalization of the initiative. Also, still some seed funds are generated out of income sources, the initiative cannot be supported with a minimal human resource on a full or part time basis. Pending restoration of the funding stream, individual existing members can consider providing some services in this regard to the effort. The local donor agencies can support their requirements. The groundwork of establishing the study can be led under ICID and the National Committee banner. We have such prior experience in terms of CPSP and similar other initiatives such as organizing /supporting study tours, capacity development programmes etc.

**IEC Agenda Item 10.5: Sustainability at National Level**

35. Historically, ICID was designed as a grouping of nations in the area of water management and irrigation. The structure was well supported at the national level by the relevant governments. In case of many a developed country, the agricultural water management increasingly got out of government involvement and more into individual private agencies. With this, the governmental support in terms of subscriptions support has dried up and the National Committees have to generate its own resources in order to maintain its internal activities as well as support the membership subscriptions. Such a scenario requires continuous efforts of maintaining the national membership base for generating resources. The national committee has to have adequate liaison with the governmental sources so that at least the subscription to the parent body is supported by the government or any one of its specialized agencies.

36. In respect of developing and least developed countries, role of the government remains pivotal in agricultural water management. The National Committee is required to have ex-officio membership structure housed in a specific department of the government so that the subscription and continuation of the membership is assured. In such countries enough resources and interest may be lacking at the private and individual level. There is a steady erosion in the membership base from this group as the national committees are based on individuals' leadership with no adequate line of succession for maintaining relationship with the governmental structures. An internal critical review of the position existing in the country and sustainability of the National Committee as a part of ICID network should be carried out and measures adopted.

37. With the good offices of a number of advanced countries, there are continued efforts to bring in new member countries out of their own regions of interest. The support generally translates to sponsorship of the membership fees for initial period, say one year and after which the new country is required to continue on its own resources. With a few recent experiences, it is seen that the sustainability of such support is not adequate. With one year subscription, the national committee maintains association in the network for 3 years and thereafter, the country quietly withdraws from the network. It is necessary to support the concerned national committee in finding its feet

especially in the area of subscription support from the government. Some handholding and networking on part of the donor agency can help in such a case. The effort should be to retain the membership over a long term basis. Many times, the related departments of governments undergo transformation and re-allocation of responsibilities. In such cases, the National Committee can flag up this issue and internally take up efforts to maintain its character under one of the successor departments/ agencies. If the member countries having familiarity with the changes and their implications can help, timely support can be extended for continuation of such members. In such cases, an international study on present governance structures and enumeration of agencies entrusted with the water management can be of a help. This can also add to the knowledge base of ICID.

38. Sustainability of ICID at national level depends upon the status of water management in the country and also the development status of the country. A country specific view is necessary for ensuring the sustainability. This has the advantage of stronger network and better income from subscriptions.

#### **IEC Agenda Item 10.6: Professional Footprint for Sustainability**

39. Providing professional services to the community is an important part of ensuring the image and relevance of ICID in potential professional groups for keeping the activities alive. Water management advice and solutions have a long lasting and fundamental impact on the society and present a soft influence. Such influencing is long lasting as the sound solutions also have a long life and recall potential.

40. Attempts to provide professional services to the members through a Service Unit were steps in this direction. During the early phase of the activity, we had good results in capacity building field. On line capacity building programmes on dam safety and micro irrigation received very good response. This has indicated one of the potential fields for service offerings. Once the pandemic related effects wear off, this can be restarted with the help of national committees who can identify such tasks. Establishment of such an activity will require seed capital to support the minimal expert manpower and also ancillary funds for sales promotion.

41. ICID needs to work towards achieving recognition and association with the world bodies especially the United Nations and also with the leading political and social agencies in the world of philanthropy and harmony. Irrigation being the largest consumer of water and a source of livelihood to a large part of world's population, it is necessary that the organisation has the seat at the global policy table. Our members need to work towards this goal. Having powerful persons as patrons will enable ICID to generate bigger avenues of work and also the sustainability.

42. ICID needs to enlarge its foot print across the entire water management field. In fact, in the early days of its life, the organization had such an approach. At present, our focus is limited to agricultural water management which concentrates on the last mile aspect of irrigation water delivery on-farm. However, water management systems involve components like dams, canal networks, hydrological, structural and hydraulic analysis and modelling for yield prediction and service delivery, asset management and upkeep technologies for the hardware components, flood disasters, advanced analytical techniques like AI and machine learning, application of other associated technologies like drone applications and automation of water delivery systems and so on. By including such areas in the work programmes, it will be possible for the National Committees to expand the areas of activities and thereby increase the importance of the Committee. Eventually, it will provide us with a better and sounder membership base. The individual national committee needs to have an internal review to select such additional relevant topics where they will be able to generate inputs for expanded footprint. Collaboration with other technical bodies can be sought within and outside the country.

43. Professional footprint has the potential of expanding the sphere of influence as well as establish a potential source of income for the future. This part needs to be firmed up further.

#### **IEC Agenda Item 10.7: Reorganisation of Working Groups with Introduction of Revamped Themes and New Subjects**

44. At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. The ICID President in consultation with PCTA Chair, PCSO Chair, Working Group Chairs, the Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be restructured into 11 new working groups under four themes: (1) Irrigation and Drainage (Long-term activities)- WG-IWM&D, WG-NWREP & LDRG; 2. Natural Resources (Medium-term activities) RWH, WG-SCER, WFE-N & IDSST; 3. Climate Change & water scarcity (Medium to long-term activities) - CLIMATE; 4. Sustainable Development (Long-term activities) WG-I&O MVE, HIST & CDTE. The new structure was approved by the 18 WG chairs and the 11 remaining WG chairs after November 2023 adapted their mandates, WG names and created tasks to accommodate the amalgamated outgoing WGs. More details of the new structure of the WGs are given as **Annex 5, page 23**.



**Third Session: : 08 November, 2023, 14:00 – 17:30 hours**

**IEC Agenda Item 11: A Road Map to ICID Vision 2030: Activities under ICID Action Plan – A Review**

45. The 'Road Map to ICID Vision 2030' ([http://www.icid.org/icid\\_vision2030.pdf](http://www.icid.org/icid_vision2030.pdf)), which was launched during the plenary session of the 68<sup>th</sup> IEC meeting at Mexico City, Mexico in 2017, included the new vision, mission, organizational goals and strategies to put 'Vision into Action', besides the Action Plan 2017-21 enlisting the activities identified by RWGs and WGs committed to be achieved over a period of five years. As decided at the 69<sup>th</sup> IEC meeting at Saskatoon, Canada; the existing monitoring mechanism to monitor the Action Plan is to continue and the report on the progress of activities under Action Plan will be presented by the Strategy Theme Leaders and WG Chairs to respective Permanent Committees.

46. The Action Plan appended to the Vision Document is designed to be living and dynamic and rolling in nature and the Council to monitor the Acton Plan annually and review the same triennially, as envisaged in 'Road Map to ICID Vision 2030'. Accordingly, the Council may monitor the progress achieved in the activities identified under the Action Plan based on the reports of the WG Chairs and Strategy Theme leaders presented at PCSO and PCTA and provide its guidance and inputs in optimizing the activities to put 'Vision to Action' within the time frame.

**IEC Agenda Item 12: Status of Future ICID Conferences / Congresses / Forums**

47. As required under By-law 5, the IEC has approved the venue of the following seven events:

**1. 1<sup>st</sup> Middle East Regional Conference, Riyadh, Saudi Arabia, 26-28 February 2024**

The 1<sup>st</sup> Middle East Regional Conference will be held at Riyadh, Saudi Arabia from 26-28 February 2024 on the theme of "Irrigation Development and Sustainability". The Saudi Irrigation Organization has also created a website <http://sacid2024.sio.gov.sa/> for the event giving details of submission of abstract and other logistics arrangements.

**2. 14<sup>th</sup> International Drainage Workshop, Dushanbe, Tajikistan, 30-31 May 2024**

The 14<sup>th</sup> International Drainage Workshop will be held in Dushanbe from 30 May 1 June 2024 instead of the earlier approved date of 23-25 May 2024. The theme of the IDW will be "*Modernization of Irrigation and Drainage Systems for adaptation to climate change and sustainable development*". This date is also subject to change depending upon the request of the Government of the Republic of Tajikistan.

**3. 75<sup>th</sup> IEC Meeting & 9<sup>th</sup> Asian Regional Conference, Sydney, Australia, 1-7 September 2024**

The representative of IACID will make a presentation before the Council and update the status.

**4. 6<sup>th</sup> African Regional Conference, Abuja, Nigeria, 14-18 April 2025**

The representative of NINCID will make a presentation before the Council and update the status.

**5. 76<sup>th</sup> IEC Meeting & 4<sup>th</sup> World Irrigation Forum, Kuala Lumpur, Malaysia, 7-13 September 2025**

The representative of MANCID will make a presentation before the Council and update the status.

**6. 77<sup>th</sup> IEC & 26<sup>th</sup> ICID Congress, Marseille, France, 12-18 October 2026**

The representative of AFEID will make a presentation before the Council and update the status.

**7. 78<sup>th</sup> IEC & 5<sup>th</sup> World Irrigation Forum, Beijing, China, 2027**

The representative of CNCID will make a presentation before the Council and update the status.

48. ICID Central Office has invited nominations for hosting the following future events from all the National Committees vide e-mail dated 22 April 2023 and 14 June 2023.

- (a) 1<sup>st</sup> American Regional Conference (Nov / Dec 2024 onwards)
- (b) 11<sup>th</sup> International Micro Irrigation Conference (Jan 2025 onwards)
- (c) 27<sup>th</sup> European Regional Conference (Jan 2026 onwards)
- (d) 79<sup>th</sup> IEC + Regional Conferences (2028 onwards)

- (e) 80<sup>th</sup> IEC & 27<sup>th</sup> Congress (2029 onwards)
- (f) 81<sup>st</sup> IEC and WIF6 (2030 onwards)

49. In response to the call for nominations for hosting future events, the expression of interest of the following National Committee has been received to host the events, as indicated below:

50. Iraqi National Committee on Irrigation and Drainage (IRQCID) has shown interest to host the 11<sup>th</sup> International Micro Irrigation Conference in the first week of April 2025 at Baghdad, Iraq, on the side lines of the Baghdad International Water Conference. They have sent to ICID filled-in Form-A. ICID has indicated to them that there are already two events in 2025, i.e. (i) 6<sup>th</sup> African Regional Conference (April 2025) and 76<sup>th</sup> IEC & 4<sup>th</sup> WIF at Kuala Lumpur (September 2025), which may be taken into account while finalizing the date for 11<sup>th</sup> International Micro Irrigation.

### **IEC Agenda Item 13: Election of the Office-Bearers 2023-2026**

51. The 3-year term (2020-2023) of President Prof. Dr. Ragab Ragab and three Vice Presidents listed below will conclude at the end of 74<sup>th</sup> IEC and 25<sup>th</sup> ICID Congress at Vizag and its appurtenant study tours, as per the provisions of Articles 7.2.3 and 7.24 of the ICID Constitution.

- (a) Prof. Choi, Jin-Yong (South Korea),
- (b) Dato. Ir. Hj. Nor Hisham bin Mohd. Ghazali (Malaysia)
- (c) Eng. Rafat Nael Abdul Ghani Al-Intaki (Iraq)

52. In response to the Central Office circular inviting nominations for the positions of President and three Vice Presidents for the term 2023-2026, the following nominations were received in the Central Office by the due date of receipt i.e. 7 July 2023, in compliance with ICID By-laws 2.3.1

<b>Sl. No.</b>	<b>Name of the nominee</b>	<b>Country</b>	<b>Position Applied for</b>	<b>Date of receipt in the Central Office</b>	<b>Validity (including Clause 13.1 of the By-law)</b>
1	Dr. Ir. Mochammad Amron	Indonesia	President	22 June 2023	Valid
2	Dr. Marco Arcieri	Italy	President	4 July 2023	Valid

53. As there is only one vacant position and two nominations, election will be held for the position of President.

<b>Sl. No.</b>	<b>Name of the nominee</b>	<b>Country</b>	<b>Position Applied for</b>	<b>Date of receipt in the Central Office</b>	<b>Validity (including Clause 13.1 of the By-law)</b>
1	Dr. Vadim Sokolov	Uzbekistan	Vice President	17 April 2023	Valid
2	Dr. Watchara Suiadee	Thailand	Vice President	6 July 2023	Valid
3	Dr. Tian Fuqiang	China	Vice President	7 July 2023	Valid

54. Since, there are only three candidates for three vacant positions of Vice Presidents, the voting will take place only to decide the seniority of the three candidates as per By-law 2.8.

## IEC Agenda Item 14: Presentation of ICID Plaques to Retiring Office Bearers and Chairs of Workbodies

### IEC Agenda Item 14.1: Retiring Office-Bearers

55. Citation plaques will be presented to the retiring President and three Vice Presidents for their services and guidance to the ICID activities during their tenure 2020-2023

Sl. No.	Name	Country	Position
1	Prof. Dr. Ragab Ragab	United Kingdom	President
2	Prof. Choi, Jin-Yong	South Korea	Vice President
3	Dato. Ir. Hj. Nor Hisham bin Mohd. Ghazali	Malaysia	Vice President
4	Eng. Rafat Nael Abdul Ghani Al-Intaki	Iraq	Vice President

### IEC Agenda Item 14.2: Retiring Chairs of Workbodies

56. The following retiring Chairpersons of workbodies will be honoured with the presentation of citation plaques for their commendable guidance to the activities of the concerned workbodies:

- (a) VPH Dr. Engr. A. Hafied A. Gany (Indonesia), Chairman, Working Group on Institutional and Organizational Aspects of Irrigation / Drainage System Management (WG-IOA) [2015-2023]
- (b) Ms Mary Jean M. Gabriel (South Africa), Chair, Working Group on Irrigation Development and Management (WG-IDM) [2015-2023]
- (c) VPH Dr. Marco Arcieri (Italy), Chairman, Permanent Finance Committee (PFC) [2020-2023]

## IEC Agenda Item 15: Any other business by the permission of the Chair

### IEC Agenda Item 15.1: Revised WatSave Award Scheme – For Information of IEC

57. The WatSave Awards are given every year to individual(s) for an innovation that contributes to water conservation/water saving for increasing the beneficial and/or efficient use of water to develop and improve the sustainable use of the critical resource. The WatSave awards are presented each year in four different categories namely, technology, management, young professionals, and farmers, respectively.

58. As per the originally drafted WatSave Scheme, the primary emphasis of the Award is on the achievement itself. However, over the last few years it has been observed that in some categories only one nomination is received under a specific category and, such single-entry nominations in a particular category end up winning by default without any competition.

59. Thus, keeping this in mind, certain changes to the existing WatSave Scheme have been approved by Management Board to ensure larger participation and a fair competition among candidates. **One of the major changes which approved is requirement of a minimum of three nominations in any particular category**, for evaluation purpose. In case of lesser entries, the nomination may be considered for the following year, with updated information from the nominees. PoJs may also consider not to award any candidate nominations despite receiving multiple entries in a specific category, if they do not deem innovative compliant with the ICID Evaluation Criterion or the content of the nomination(s) not up to the mark.

60. MB has approved the revised Scheme of WatSave Awards to ensure larger participation and a fair & healthy competition among candidates. A revised Scheme for WatSave is enclosed for the information of the National Committees as **Annex 6, page 27**.





## Annex 1 [IEC Item 5, Para 11]

**ACTION TAKEN REPORT ON THE DECISIONS ON THE  
MINUTES OF THE 73<sup>RD</sup> IEC MEETING  
6 & 10 October 2022, Adelaide, Australia**

SI. No.	Item/ Recommendation	Decision of 73 <sup>rd</sup> IEC	Action Taken
1.	Resolution No IEC-1/73 (Sr.No.11)	Approved exemption of Honorary Presidents from Registration fees of ICID events	Action taken and a code was sent to Presidents Honoraire for Vizag Meeting.
2.	Resolution No.IEC-2/73 (Sr. No.1)	Recommended to approve the membership changes of various work bodies of PCSO & ICID website	Action taken by notifying the same.
3.	Resolution No.IEC-2/73 (Sr. No. 6)	Recommended to intimate the approval to AFEID and request for Form-A and LoA	Action Taken and email sent on 11 November, 2022 and AFEID is requested for Form-A and LoA.
4.	Resolution No.IEC-2/73 (Sr. No. 2)	Recommended to constitute the TF-WWF10 in consultation with President Ragab	Requested VP Alireza Salamat to share the Concept note for inviting International Organizations for TF-WWF10 however, the response is awaited.
5.	Resolution No.IEC-2/73 (Sr. No. 3)	Recommended to communicate to the members the formal closure of the TF.	Action taken by notification sent to all members of TF-WWF9
6.	Resolution No.IEC-2/73 (Sr. No. 5)	Recommended to constitute an expert group under Task Team on Trans Boundary AWM on Aral Sea to support efforts of Uzbekistan to transform Aral Sea region into a zone of ecological innovations and technologies	The issue is being discussed under TT-TWM and Dr. Vadim Sokolov shared a list of organizations and experts who preliminary committed to support (TF-ASB) and can contribute to this committee. Email sent to all the prospective members. As on 06/09/2023 Mr. Bahrom Gaforzoda, Secretariat of TajNCID; Saidrasul Sanginov, Deputy Chairman, Ecomovement of Uzbekistan; Dr. Dinara Ziganshina, Director, Scientific Information Center of Interstate Commission for Water Coordination in Central Asia gave their consent.
7.	Resolution No. IEC-2/73 (Sr. No. 4)	Recommended to notify the establishment of Task Force to review the mandates and outcomes of the WGs. The TF may recommend the new structure and mandates of WGs in line with the demands of the sector and in consultation with WG members and Chairs. The President on behalf of the TF may prepare a strategic plan which may be reviewed at the next IEC meeting	President, ICID in consultation with PCTA Chair has taken up the task of restructuring of WGs. The detailed report is enclosed.  Accordingly, the Setting of the Task Force has been made of All the 18 WG Chairs, PCTA Chair and PCSO Chair. Communication among the parties continued from November 2022 to September 2023. The collective outcome is presented in Annex 5





**Annex 2 [IEC Agenda Item 5, Para 11]**

**IMPORTANT DECISIONS TAKEN BY THE MANAGEMENT BOARD ON BEHALF OF IEC  
BETWEEN  
72<sup>ND</sup> IEC MEETING (MARRAKECH, NOVEMBER 2021)  
AND  
73<sup>RD</sup> IEC MEETING (ADELAIDE, AUSTRALIA)  
(And the Actions Taken Thereon)**

Decision	Request
(a) Special IEC approved the proposal of Redevelopment of ICID Building for Financial Sustainability received from M/s. Bharati Airtel Ltd. and the opportunities, which may augment ICID finances by the optimum utilization of the real estate resources available at its disposal.	IEC may review the progress
(a) Special IEC suggested to draft and sign a MOU/agreement on redevelopment of ICID Building with M/s. Bharati Airtel Ltd, keeping in view the future interest of ICID as well as to safeguard for any unforeseen circumstances during the implementation phase by taking proper insurance etc.	
(b) MB approved the revised WatSave Awards scheme to ensure larger participation and a fair & healthy competition among candidates. One of the major changes which was approved by MB is in any particular category, a minimum of three nominations may be considered for evaluation purpose.	Endorsement by IEC is solicited







**DR-1/74 [IEC Item 9.4, Para 20]****INTERNATIONAL EXECUTIVE COUNCIL (IEC)  
DRAFT RESOLUTION IEC-1/74: FINANCIAL MATTERS OF ICID****THE Council**

Accepting the Report of the Chair of the Permanent Finance Committee;

Noting further the report of the Statutory Auditors M/s Tarun Kandhari & Co. LL.P. and

Considering the recommendation of the Management Board;

**Decides Unanimously**

1. To approve the nominations of Dr. David Cameron, (succeeding Mr. Bryan Ward, Australia), Mr. Muhammad Imran Kulat, (Turkey), Mr. Yahaya Dalha Kazaure, (Nigeria) Ir. Birendrajana, M.T. (Observer, Indonesia) and Mr. Husnain Ahmad, (Pakistan) to the membership of PFC.
2. That the individuals listed below, accorded the provisional membership by the Direct Membership Administering Sub-Committee be admitted as members of ICID for the periods for which they have paid subscription.
  - (i) Dr. Prijju CP (India, Individual, 2024, 1 year)
  - (ii) Dr. Srinivasa Varma Kothapalli (India, Individual, 1 year)
  - (iii) Eng. Rajesh More (India, Individual, Life Membership)
  - (iv) Prof. Mohammad Alwabel (Saudi Arabia, Individual, 2024-2026, 3 years)
  - (v) Dr. Kumar V. (India, Individual, Retiree, Life Membership)
3. That the National Committees of Ireland, Malawi, Sudan and, Ukraine be declared as “Associate Members” from 1 January 2024 as they have failed to contribute ICID subscription for last three years in accordance with By-law 13.2.
4. To approve the Audited Accounts of ICID for the Financial Year 2022-23 as given in **Annex 1** (of PFC Agenda), **page 47**.
5. To approve the Revised Budget of ICID for the Financial Year 2023-24 and the Budget for the financial year 2024-25 as given in **Annex 2** (of PFC Agenda), **page 52**.
6. To approve the Registration Fee Structure for the Middle East Regional Conference, to be held at Saudi Arab (SACID) in collaboration with Saudi Irrigation Organization (SIO) in March 2024.
7. To approve 11<sup>th</sup> International Micro Irrigation conference in the first week of April 2025, Iraq.

**Appreciates**

8. Japanese NC for contributing US\$ 5000 during the financial year 2022-23 as a special subscription for technical support to YP Activities.
9. Australian NC (IACID) for contributing the appropriate share to the ICID Budget, i.e. 35% that is AUD 77,096/- of the registration fee for the 24<sup>th</sup> Congress & 73<sup>rd</sup> IEC, in Adelaide, Australia, October 2022.
10. The Canadian NC (CANCID) for paying the advance membership subscription for the years 2024 and 2025.

**Requests**

- 1.
- 2.



**DR-1/74 [IEC Item 9.4, Para 20]**

**INTERNATIONAL EXECUTIVE COUNCIL (IEC)  
DRAFT RESOLUTION IEC-2/74: ORGANISATIONAL AND TECHNICAL MATTERS OF ICID**

THE Council

Accepting the reports and recommendations of the Chairs of the Permanent Committees on Strategy & Organization and Technical Activities.

**Considering** the endorsement by the Management Board; and

Decides unanimously

1. To approve the membership changes of various work bodies of PCSO and PCTA (to be prepared as an outcome of PCTA and PCSO recommendations).
2. To approve the new / existing workbodies with revised mandate on the topics under thematic area of \_\_\_\_\_  
\_\_\_\_\_
  - (a)
  - (b)
  - (c)
  - (d)
3. To approve extension of term of the workbodies viz. \_\_\_\_\_,
4. To approve the structure of 11 new working groups under the following themes (IEC Agenda Item 10.7):
  - (a) Irrigation and Drainage Water Management (Long-term activities)- WG-IWM&D, WG-NWREP & LDRG;
  - (b) Natural Resources Management (Medium-term activities) RWH, WG-SCER, WFE-N & IDSST;
  - (c) Water Management under Climate Change & Water Scarcity (Medium to long-term activities) - CLIMATE;
  - (d) Sustainable Development and Management (Long-term activities) WG-I&O MVE, HIST & CDTE.

**Appreciates**

- 1.

**Requests**

- 1.
- 2.



**Annex 3** [IEC Item 5, Para 12]

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----- Forwarded Message -----

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**From:** IRPID-IRN <irpid.iran@icid.org>

**To:** ICID <icid@icid.org>

**Cc:** bachivate@icid.org <bachivate@icid.org>; H. K. VARMA <varma@icid.org>; Narges Zohrabi <nargeszohrabi@gmail.com>; Behzad Navidi <behzad.navidi@gmail.com>; saeednairizi@yahoo.com <saeednairizi@yahoo.com>

**Sent:** Saturday, August 12, 2023 at 08:56:27 PM GMT+5:30

**Subject:** Re: Nomination for ICID Best Performing Workbody Award (BPWA) 2023: IRPID-IRN

**Dear Mr. Varma,**

I hope this email finds you well. I am grateful for your insightful explanations. I am eager to share certain matters with you and seek your guidance and assistance.

The topic I wish to discuss pertains to IRPID; an initiative that has been developed since 2010 to establish a research platform within the ICID framework. Consequently, it should not be expected that the nature of its activities is explicitly outlined in the charter. In a conversation I had with Dr. Nairizi on this matter, he indicated that IRPID represents a novel endeavor within the ICID framework. Initially, its purpose was to assess the feedback from various countries and subsequently stabilize it in a sustainable manner. It appears that the time has come for IRPID to be recognized as a permanent entity within ICID, akin to other established Workbodies such as those in Asia, Europe, America, and so forth.

For the continuity and sustainability of the research activities within this platform on the ICID stage, it is imperative that its activities be considered as a formal Workbody, similar to other regional Workbodies. Therefore, we kindly request that this matter be brought to the attention of ICID decision-making bodies and discussed during the 25th Congress and the 74th International Executive Council (IEC) Meeting of ICID this year.

Furthermore, we are also interested in the possibility of arranging an online meeting with you to delve deeper into this subject, should that be feasible.

Thank you for your time and consideration. Your guidance in this matter would be greatly appreciated.

**Best Regards,**

**Dr. Narges Zohrabi**

Head of ICID International Research Program for Irrigation & Drainage  
Iran Regional Node (IRPID-IRN)





**Annex 4 [IEC Item 10.2, Para 27]****REDEVELOPMENT OF ICID BUILDING FOR FINANCIAL SUSTAINABILITY**

1. ICID Central Office premises were vacated during the first half of June 2021 by the then tenant M/s. Yes Bank Ltd having prematurely served the notice as required under the lease agreement entered with them. ICID Central Office undertook an intensive campaign through advertisements in local newspapers, approaching embassies and foreign missions stationed in Delhi, engaging reputed real estate agencies for renting of the vacant premises. In view of the slow-down in economic activity owing to Covid-19 pandemic, which also affected considerably the rental market, the identification of another tenant proved to be an arduous task and ICID could not get any suitable tenant to take the vacant premises of ICID. As such, ICID premises have remained vacant for more than 20 months which has considerably impacted the ICID finances and reserve funds, as the rental income is the major contributor to ICID's annual budgets over the years (almost 64% of its income), with the revenues from other sources such as membership subscription, registration fees share from annual/triennial events of ICID, etc. became quite inadequate to meet the basic expenditures of the Commission such as staff salary, etc.

2. At the beginning of the year 2023, ICID was able to identify a prospective tenant M/s Bharati Enterprises Limited, who instead of taking premises on rent proposed to redevelop and rebuild the property at ICID premises to take maximum advantage of the increased Floor Area Ratio (FAR) so as to create additional area as well as construction of structurally sound new building with all modern amenities. M/s Bharti Enterprises Limited (M/s Bharti), has also proposed to fund the redevelopment process and to recover the cost of redevelopment with subsidized rentals as well as ensuring the revenue stream over a long time and also servicing of entire redevelopment expenditure. ICID will get some additional area after redevelopment and the ownership of the building will remain with only with ICID.

3. Combined (Virtual) Meetings of Management Board (MB), Permanent Finance Committee (PFC) & Invited Past Office-Bearers (OBs) was organized on 13 January 2023 to discuss the proposal of Redevelopment of ICID Building for Financial Sustainability. During the meetings Er. Ashwin B. Pandya, SG, ICID and Member-Secretary of MB and PFC made a presentation on the redevelopment proposal received from M/s Bharti. After detailed deliberations on various aspects of the redevelopment proposal and its terms and conditions, the members unanimously supported the redevelopment project of the ICID Central Office building. However, the Committee suggested to negotiate with M/s Bharti on the following points.

- (a) Try to make it a win/win project;
- (b) Lower the interest rate than the current proposed interest rate of 9% on the investment of 500 Million towards the construction cost;
- (c) Rs.10 Million given as 90 days security deposit shall be made non-refundable which is 1.3 months' rent only, as ICID losses income for 90 days/3 months @ Rs.7.8 Million @ Rs.300 per S.ft. following the withdrawal of the property from the letting market.
- (d) The Loan of Rs. 125 Million for covering the loss in income for ICID is only for 16 months (based on Rs.300 /S.ft.) not even two years. This should be a loss of income due to construction work by the prospective tenant and needs to be non-refundable
- (e) Rs.300/per S.ft. rent is really low and should go up, especially, ICID is paying an interest on the 500 Million investment for the direct benefit of the prospective tenant.
- (f) The Name of the ICID to be restored on the building and the building to be recognized as ICID Headquarter Building.
- (g) If possible the completion period to be made less than 2 years to minimize the period of ICID in exile and minimize disruption to ICID activities.

4. After in-principle approval of MB and PFC, M/s Bharti ICID signed an Exclusivity Letter (LOI) on 7 February 2023 to get exclusivity for 90 days and during this period ICID to get its internal approvals for the proposed transactions and M/s Bharti to complete its due diligence of the proposal. M/s Bharti also agreed to pay Rs.10 million as refundable/partially refundable deposit to get exclusivity for 90 days. Accordingly, M/s Bharti remitted a sum of INR 10,000,000 (Indian Rupees 10 Million) ("Exclusivity Fee") to ICID through cheque on 7 February 2023.

5. Subsequently, the matter was discussed with the concerned officials of the M/s Bharti on the points indicated in para 3 above. Another meeting of MB and PFC along with invited Office Bearers was held on 9 March 2023 wherein outcome of the negotiations/discussions with M/s Bharti was presented during the meeting. Members deliberated on the broad structure of the redevelopment proposal and suggested that MOU/agreements need to be finalised with due care keeping in view the future interest of ICID as well as to safeguard for any unforeseen circumstances during the implementation phase by taking proper insurance etc. Members also felt that there is a further need to discuss the following points with M/s Bharti:

- (a) Increase in the proposed rent of INR 325 per sq ft
- (b) Exclusivity fee of INR 10 Million to be made non-refundable
- (c) Security deposit of INR 125 Million to be made non-refundable

6. Further, after deliberations in detail, Members unanimously approved that the present proposal should be put up to the International Executive Council (IEC) for their consideration and approval and concessions provided by M/s Bharti team, if any, may be reported to the Committee/IEC.

7. Accordingly, meetings were held with the nodal person from M/s Bharti on 1 March 2023 and 15 March 2023. The outcome of the meetings with M/s Bharti were shared with the members of the Committee. Brief details of the original and revised proposal and the agreement reached with M/s Bharti is indicated below.

Sl. No.	Issue	Original proposal	Agreement with/ Final proposal from M/s Bharti after negotiations
1.	Lower the interest rate than the current proposed interest rate of 9% on the investment of 500 Million towards the construction cost;	Proposed interest rate of 9%	Presently the interest rate in the market is very high, however, keeping in view of nature of transaction and win/win for both the entities, M/s Bharti agreed to cap the interest rate to 9%, on the investment cost of the redevelopment towards the construction cost. However, in the event if the cost of the borrowing of M/s Bharti is less than interest rate of 9% then the interest rate to ICID will be reduced accordingly.
2.	Rs.10 Million given as 90 days security deposit shall be made non-refundable	M/s Bharati will pay Rs.10 million as refundable deposit to get exclusivity for 90 days and during the 90 days ICID to get its internal approvals for the proposed transactions.	<p><b>M/s Bharti Confirmed as follows:</b></p> <p>"M/s Bharti agrees, immediately upon execution of the Exclusivity Letter, to remit to ICID a sum of INR 10,000,000 (Indian Rupees 10 Million) ("Exclusivity Fee"). ICID agrees that in the event the Proposed Transaction is implemented, the Exclusivity Fee shall form part of the 'Security Deposit' payable under the relevant lease agreement. However, if the Proposed Transaction is not implemented by Bharti (except for reasons attributable to ICID), and this Exclusivity Letter terminates in accordance with the provisions set out herein, such Exclusivity Fee shall not be returned to Bharti and shall be retained by ICID. However, in the event any material issues are identified during the due diligence process to be conducted by Bharti as a result of which the Proposed Transaction is not implemented by Bharti, or in case of failure of ICID to obtain the necessary permission from L&amp;DO, ICID shall refund 50% of the Exclusivity Fee to Bharti immediately upon receipt of request from Bharti in this regard. Notwithstanding the above, Bharti and ICID agree that in case of any breach by ICID and/or its affiliates of the provisions during the Exclusivity Period or if ICID does not implement the Proposed Transaction, the entire Exclusivity Fee shall be returned to Bharti by ICID immediately upon receipt of request from Bharti in this regard."</p> <p>The modified proposal evenly distributes the risk of either party in the event of proposal running into any risks due to any of the players i.e. Bharti, ICID and the Statutory Authorities.</p> <p>Accordingly, <u>on signing of the Exclusivity letter (LOI) on 7 February 2023, M/s Bharti remitted a sum of INR 10,000,000 (Indian Rupees 10 Million) ("Exclusivity Fee") to ICID.</u></p>
3.	Security deposit of Rs. 125 Million to be non-refundable	M/s Bharati will pay Rs.125 million as security deposit in four six monthly equal instalments during planning and implementation phase. Out of this 65 million refundable deposit will be received along with recovery of investment cost and balance 60 million will be refundable after expiry of long term lease with M/s Bharti Airtel (not less than 15 years and extending to about 40 years or so).	<p>Security deposit amount of Rs. 125 Million will be refunded to Bharti after the end of the term or earlier determination of the lease agreement.</p> <p>Since the minimum lock-in period is about 15 years and at the prevalent interest rates amount can double in about 8 years. After 15 years lock-in period, the security deposit is effectively non-refundable</p>
4.	Increase in rate of rent	INR 300 per S.ft. to be increased by 10% every three years	Rate of rent increased from INR 300 per sq ft to higher rate of INR 325 per sq ft. Rate to be increased by 10% every three years

Sl. No.	Issue	Original proposal	Agreement with/ Final proposal from M/s Bharti after negotiations
5.	The Name of the ICID to be restored on the building and the building to be recognized as ICID Headquarter Building.	Property after development to be in the name of ICID	<p>In the present proposal, the title to the land and property continues to be with ICID only and there being no dilution, building will remain in the name of ICID and will be recognized as ICID building.</p> <p>M/s Bharti confirmed that definitely on completion of the building the name of the ICID will be restored on the building and the building will be recognized as ICID Headquarter Building forever.</p> <p>M/s Bharti will take space on long-term lease (may be up to 40 years or so) after completion of building.</p>
6.	If possible the completion period to be reduced to minimize the disruption to ICID activities.	Construction period to be 2 years	<p><b>M/s Bharti has confirmed as follows:</b></p> <p>“Considering the magnitude of the project and keeping in view of the limitation of construction in NDMC/Diplomatic area, M/s Bharti informed that their endeavor will be to finish the completion within the agreed timelines of 2 years, however, considering our expertise and infrastructure, we would try to achieve this before the agreed timelines.”</p>

8. ICID Constitution (2017) as per Para 6.4 states that “All matters affecting the executive or administrative functions and financial liabilities of ICID must come up before the Council and its decision shall be conclusive.” Accordingly, in order to deliberate on the redevelopment proposal of the ICID CO building and approve the proposal, a combined meeting of MB, PFC and invited Office Bearers suggested to organize this special meeting of the International Executive Council (IEC) meeting.

9. As indicated in para 6 above, a combined meeting of MB, PFC and invited Office Bearers has unanimously approved the present proposal and suggested putting up the proposal to the International Executive Council (IEC) for their consideration and approval.

10. Accordingly, a Special Meeting of the International Executive Council (IEC) on Redevelopment of ICID Building for Financial Sustainability was held on 27 March 2023 at 14:30 hrs. through virtual mode and all the National Committees / Committee, Office Bearers (present & past) and Chairman of Permanent Committees were invited through e-mail dated 17 March 2023 for their participation and input.

11. The final minutes of the Special IEC meeting was circulated to the National Committees / Committee of ICID, Office Bearers (present and past) and Chairman of Permanent Committees for their information and record.

12. The Central Office has approached the Land and Development Officer of the Ministry of Housing and Urban Affairs, of the Government of India to seek permission for the erection of new building and to lease out the permissible space to M/s Bharti Enterprises, post completion of the new building.







## REPORT ON THE ICID WORKING GROUPS RESTRUCTURING

### I. Rational

During our last 73<sup>rd</sup> IEC in Adelaide, it has been decided to restructure the working groups in order to:

- (a) Avoid overlapping and combine WGs of similar / close mandate
- (b) Replace the Old/exhausted and long running WGs with new WGs to reflect the new technologies such as Use of Drones, automation of irrigation & drainage systems, Nano-Irrigation systems, Trans-Boundary Surface and Groundwater Management, more new ideas are welcomed.
- (c) Reduce number of days allocated for WGs meetings in future IECs and reduce the time and cost of staying at the venue/event.
- (d) Have a reasonable number in each WG (some have a few only) and reasonable output

### II. The Current situation

- (a) The ICID WGs number is not fixed and is very much a dynamic number because WGs have a maximum mandate of 3 years.
- (b) Next November we will have 9 WGs completed their 3-year term out of the current 18 WGs. Subsequently, we would have after November 2023 only 9 WGs to carry on with or without restructuring. This reduction in number of WGs is imminent and inevitable.
- (c) Some WGs advised in writing that they will consider a completion by November 2023 and do not wish to extend or carry on beyond November 2023. Some Chairs also asked to step down including.

Therefore, with or without restructuring, we will have a significantly reduced number of WGs after November 2023 and the restructuring has nothing to do with that. The restructuring came about during Adelaide's 73<sup>rd</sup> IEC to improve the current situation.

### III. Actions Taken

#### (a) ***A message has been sent in November 2022 to all Working Group Leaders***

They were asked the following questions:

- (i) If you are planning to consider completion and closure of the WG according to the current mandate? Please let me know.
- (ii) If you accept joining another/combine with another WG that is close in its mandate to your WG, if so, which WG you think is close to yours? This new structure with joining WGs will only take place after November 2023.
- (iii) If you are planning to suggest a new WG with a new topic after November 2023. If so, please specify.

#### (b) ***Response received in December 2022 from the Working Group leaders***

The total number of WGs until November 2023 is 18. Out of 18 WGs, 9 WGs will complete their mandate by November 2023 and 9 WGs have mandates go beyond November 2023.

**The response indicated:**

- (i) **No objection to restructuring from all the WGs Leaders. On contrary, they contributed positively to the new structure as shown from their responses.**
- (ii) Some WGs leaders of the 9 working groups with mandate ends this November 2023, wished to complete their mandate this November 2023 with no desire to apply for applying for extension.
- (iii) Some WGs Leaders of the 9 working groups with mandate ends this November 2023, suggested to join other WGs and identified which WG to join. Very few suggested to extend but no application to extend was submitted to PCTA.
- (iv) Some WGs leaders with mandate beyond November 2023, requested to continue and willing to accept relevant Outgoing WGs.
- (v) Some WGs Leaders asked to step down due to the lack of participation and contribution from members of the Working Groups.

**(c) Analysis of the responses and starting the groundwork for restructuring, December 2022 to May 2023.*****The following activities took place after December 2022***

- (i) Mapping the WGs that are continuing beyond November 2023 and identifying the 9 outgoing WGs. A Number of Excel Files were produced to facilitate the comparisons.
- (ii) Comparing the mandate of different working Groups and Identify common /shared areas of Science, synergies and mutual interest
- (iii) Looking for relevant WGs to host members of the 9 WGs with mandate end this November, 2023.
- (iv) New 4 Themes were suggested to reflect the new WGs new structure.
- (v) Following these steps, the 4 themes and 11 WGs were suggested.
- (vi) The 11 WGs were assigned some of the outgoing WGs for amalgamation
- (vii) A draft document with the new themes and the 11 WGs were produced, discussed and agreed with PCTA Chairman, Prof. Watanabe, PCSO Chairman Dr Amron and ICID President.

**(d) Producing the first and second Draft of the New WGs Structure**

- (i) The first draft of the new structure was sent to all WGs Leaders on May 8. Some comments were received and there was no objection by the WGs Leaders on the new structure.
- (ii) The second Draft of the new structure was developed taking on board the feedback from WGs Leaders. This draft was associated with list of actions on some of the WGs Leaders especially those who will accommodate other outgoing WGs. This was sent to the 11 WGs leaders on June 11 with deadline July 30, 2023.

**(e) Finalizing the new WGs structure August 2023**

- (i) Taking on board the responses received as well as some further comments from WGs Leaders, the final draft of the new 4 themes and the 11 Working Group Structure has been finalized as shown below.
- (ii) Regional WGs such as European Regional WG, African Regional WG, and Asia Regional WG were not included in the restructuring. Also, Permanent Committees such as PFC, PCSO, Congress, ICID Journal, etc. are not part of the structure.

**(f) WGs leaders sent their action list, adapted mandates and Names, July-August 2023**

- (i) WGs leaders especially those who accommodated outgoing WGs sent their revised mandate, name, tasks and objectives to reflect the presence of the amalgamated WGs.

**IV. Next steps**

- (i) Approval of the new structure by 74<sup>th</sup> IEC in Vizag.
- (ii) Inform the outgoing WGs members to join the relevant ongoing WGs
- (iii) Ongoing WGs to implement the new mandate and name (if changed)
- (iv) New Theme leaders to be selected according to the ICID procedure
- (v) The new structure to be published by ICID CO
- (vi) ICID to relax the maximum number/country/WG during this transitional period and revisit the situation in the future.

**THE FINAL ICID WGS STRUCTURE, AUGUST 2023**

Theme	Continuing WGs beyond 2023	Outgoing WGs that will end by November 2023. These WGs are integrated /added to left side continuing WGs in red			Chairperson of the continuing Working Group	New Name of the Working Group
<b>Irrigation and Drainage</b>	SON-FARM	WATS	M&R	IDM)	A. K. Randev	WG-IWM&D
	NCWRI	ENV	MWSCD		Wenyong Wu	WG-NWREP
	LDRG				Willem Vlotman	LDRG
<b>Natural Resources</b>	RWH		MWSCD		Geoff Harvey	RWH
	SDTA	AFM	WG-M&R	WG-IDM	Ruey-Chy Kao	WG-SCER
	WFE-N				Ragab Ragab	WFE-N
	IDSST				Peter Kovalenko	IDSST
<b>Climate Change &amp; Water Scarcity</b>	CLIMATE	MWSCD	AFM		Ray Shyan Wu	CLIMATE
<b>Sustainable Development</b>	IOA	VE	IDM	M&R	Hafied A. Gany	WG-I&O MVE
	HIST				Kamran Emami	HIST
	CDTE				Mohamed Wahba	CDTE

**What are the changes?**

**A.** The old themes have been replaced with new themes that closely reflect the ICID mandate: Irrigation and Drainage water management are given more weight (Irrigation and Drainage is part of ICID name and they represent the backbone of ICID). Climate change and its impact will be highlighted a bit more to reflect its importance. Management of natural resources (to include in addition to water, energy, land, etc.) as an integrated system is given more attention. Management for sustainable development (capacity building, socio economy, young professional, value engineering, etc.) is necessary for SDGs and ICID vision. The new themes are:

- (i) Irrigation and Drainage Water Management (Long-term activities)
- (ii) Natural Resources Management (Medium-term activities)
- (iii) Water Management under Climate Change & Water Scarcity (Medium to long-term activities)
- (iv) Sustainable Development: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage schemes. (Long-term activities)

**B.** **The Working Groups under the new structure will be allowed to work across the different scales** (in nature, scales are not separate entities). A field is an integral part and not an isolated part of a catchment. In the old themes, the farm and basin were separated. The future WGs will not be confined to a specific scale.

**C.** **The updated mandate of each WG will take on board the new themes.**

Instead of creating a new WG for new technologies, it is expected that all WGs will adopt the relevant new technologies (e.g. Use of Drones, Artificial Intelligence, Automation of Irrigation and Drainage Systems, Nano-Technologies, etc.). This will allow all WGs to advance with the new technologies and not to be confined to traditional, conventional, and classical technologies.

**Please note:**

- (i) WGs in blue text are to close by November 2023 and their members to join the WG in red text.
- (ii) Unaffected WGs might need to change their name to reflect the amalgamation with other WGs.
- (iii) The mandate of the new WGs will be modified to reflect the new added on topics of the amalgamated WGs.
- (iv) The Working Groups are not scale dependant. The Working Groups are allowed and are expected to work across the scales from farm to basin.
- (v) No new Working Group assigned for new technologies (Drones, Nano-Irrigation, Machine Learning, Automation, Artificial Intelligence, etc.). This is to help all Working Groups to adopt the relevant new technologies and not to focus only on traditional and common technologies.

- (vi) The continuing WGs will add more tasks to relevant to the amalgamated WG. The leaders of the new tasks could be the previous outgoing WGs Chairmen if they accept to lead.
- (vii) ICID will need to relax the rules of maximum number of members / WG /country and revisit the situation in next 2-3 years.
- (viii) Leader s of the Outgoing Groups to inform their members to join the other designated WGs during Vizag Meeting.
- (ix) The Chairmen of the unaffected WGs will remain in their positions if they are happy to do so.



**Annex 7 [IEC Item 15.1, Para 60]****REVISED WATSAVE AWARD SCHEME****I. BACKGROUND**

As a follow-up to the 15<sup>th</sup> ICID Congress in the Netherlands in 1993, a WatSave Work Team was formed, which mooted a proposal in 1997 to institute WatSave Awards to promote and recognize water conservation success amongst member countries. The proposal was approved in principle by PCTA as well as IEC and ICID instituted WatSave Awards in the year 1997. The Work Team prepared the conditions and criteria for the Awards and presented these to the Management Board for approval. These were subsequently revised in 2007 and 2010 by IEC. The WatSave Scheme is presented herein to consolidate all the decisions taken by the IEC based on the recommendations of WG-WATS, Jury Members, and PCTA from time to time. It also includes some of the recommendations made, but not followed up or approved subsequently by IECs of that year, which needs special consideration.

**II. SCOPE AND OBJECTIVE**

The award(s) is/are presented to an individual or a team for an innovation that contributes to water conservation/water saving for increasing the beneficial and/or efficient use of water to develop and improve the sustainable use of the critical resource. The WatSave awards aim at:

- (a) Promoting and encouraging the best technological applications or projects which have been successful in saving and/or recovering waste waters/low-quality waters.
- (b) Promoting other non-technological interventions and/or innovative land and water management/ techniques for increasing the availability of water for different uses.
- (c) Promoting research that leads to substantial savings in water applications or uses.
- (d) Promoting the development of new policies/approaches for water saving leading to cost-effective and beneficial use of water.

**(a) Scope**

The primary emphasis of the WatSave Award is on the achievement itself. It is “an award for the achievement to the individual or team behind the achievement” in that order. The purpose and spirit behind ICID WatSave awards are as follows:

- (i) The awards are intended to relate to particular activities or related sets of activities and not to highlight the overall professional accomplishments of an individual or any particular group.
- (ii) The awards are not intended to acknowledge research studies, per se, but rather to recognize accomplishments in actually saving water.
- (iii) Savings can be on a pilot scale or over a larger area, but they must have been introduced in the field to farmers or managers and applied by them, rather than remaining purely hypothetical.

The WatSave Awards are given in four categories.

**(i) WatSave Technology Award**

This award is given for work promoting and encouraging the best technological innovations/applications or projects which have been successful in saving water and/or recovering waste waters/low-quality waters.

**(ii) WatSave Innovative Water Management Award**

This award is given for innovation promoting non-technological interventions and/or innovative land and water management/techniques for increasing the availability of water for different uses; Promoting research that leads to substantial savings in water applications or uses; or Promoting development of new policies/approaches for water saving leading to the cost-effective and beneficial use of water.

**(iii) WatSave Young Professional Award**

This award is given for water-saving/ conservation work by young professionals (less than 40 years). The work carried out by the Young Professional should have been carried out individually or as a group and not as a guided study (or part of the project).

**(iv) WatSave Farmers' Award**

This award is given to farmers for proven water-saving success stories to promote successful water conservation.

**(b) Award**

Each of the awards consists of an honorarium of US\$ 2000 and a Citation. In the event of the award being made to a team, the amount shall be disbursed to the nominated leader of the team which will be shared equally by all contributors. The Citation Plaque should bear the name of ICID as the promoter.

The award money may be disbursed either in USD or in the local currency of the host National Committee at the convenience of the National Committee.

In case a winner is unable to attend the IEC Meeting to receive the award money, he/she should provide written consent to the National Committee representative attending the IEC Meeting to receive the award money on their behalf.

**(c) Dissemination of the awarded works**

Based on the awarded works, ICID compiles and disseminates information on water-saving/ conservation practices adopted by member countries the world over through publications, websites and organizing regional workshops. The award winner should submit a chapter (about 2000 words) describing the technology (ies), along with images and/or videos before receiving the award. The awardees need to cooperate with the ICID Central Office for making any changes, including any missing information. The developers of the innovation in terms of technology or management techniques will have to give an undertaking that they would provide full intellectual support to the Central Office in disseminating the achievement.

**III. PROCEDURE****(a) Application**

Nominations must comply with these rules:

- (i) Nominations for the Awards are open to all professionals/ teams from ICID member countries/associate member countries as well as non-member countries, but the nomination must be made and validated by a member National Committee/ Committee/ Direct Institutional Member of ICID.
- (ii) A completed Nomination Form
- (iii) A type-written discussion of about 1500 words in English or French summarizing the nominee's work related to water saving/conservation.
- (iv) Supporting documents to be submitted
- (v) Images and/or videos of the innovation should be provided
- (vi) A brief curriculum vitae (CV) of the nominee(s)
- (vii) Recent photograph(s) of the nominee(s).
- (viii) Entries should be sent electronically to the Secretary General, ICID to reach the Central Office, New Delhi, by the Last Date of Receipt of Nominations at the ICID Central Office announced by the Secretary General.

The idea of routing the nominations through the NC is to receive only one nomination per category per country after an initial scanning of the nominations for a sequential ordering based on merit and recommending only one. ICID member countries can support one nomination from a non-member country but every country should present only one candidate per category.

National Committee can nominate newly developed work of previous WatSave Award winners provided it is for a different innovation, as the purpose of the award is to identify successful water-saving technologies and management techniques in practice among the ICID family and disseminate them across the world. A nominated innovation once rejected for the WatSave award by ICID should not be re-nominated, even under a different category.

Please note that any nomination papers, as listed above, if received after the Last Date may be considered in the following year with updated information and forwarded to the Panel of Judges. All the papers related to nomination received on or before the due date will be acknowledged within a week by the Central Office by e-mail/fax. In case of non-receipt of the acknowledgement, the concerned National Committee/ Committee should contact the Central Office immediately.

For a fair evaluation process, a minimum of three entries should be present in each category. In case of lesser nominations within any category, the nominations may be considered in the following year with updated information on the innovation. In addition, if the committee is not convinced with any of the submissions, it may defer the decision to the year after when more or better submissions become available.

**(b) Jury**

The nominations should be reviewed by a panel of 5 judges -- one each from the four regions of ICID (The Americas, Africa, Asia -Oceania and Europe) and the fifth from any region but there shall not be two judges from the same country. The Chair of PoJ shall submit his report to the President of ICID giving reasons for selecting particular innovation for the award along with suggestions for improvement in the Scheme and its implementation or the way to disseminate it. A judge shall not evaluate a nomination from his or her own country. The panel will be appointed by the President of ICID in consultation with the Chairman of the Working Group on Water Saving for Agriculture (WG-WATS).

The decision of the President ICID as arrived at through the process described herein will be final and binding. No discussion or correspondence relating to the award will be entered into.

**(a) Schedule**

The following schedule for receipt of applications and announcement of the WatSave Awards will be adhered to as far as possible:

- Last date for receipt of nominations — 120 days before the IEC date
- Review by the Panel of Judges — Within 60 days from the Last Date
- Declaration/Announcement of the Award — 45 days before the IEC date.

**(b) Evaluation Criterion****(1) Technology and Management Awards**

- (i) Has the innovation made an outstanding contribution to water conservation and increased the beneficial use of water and/or freed water for other uses?
- (ii) Have the quantities of water saved been quantified and documented in the submission?
- (iii) Is there a reasonable expectation that the innovation will be sustainably practised?
- (iv) Has the input and responsibility of each involved individual been delineated in the submission?

**(2) Young Professional Award**

- (i) Does the innovation promise to make an outstanding contribution to water conservation and increased the beneficial use of water and/or freed water for other uses?
- (ii) Has the innovation been pilot tested in the field and is the potential water savings estimated and documented in the submission?
- (iii) Is there a reasonable expectation that the innovation can be sustainably practised?
- (iv) Has the input and responsibility of each involved individual been delineated in the submission?

**(3) Farmer Award**

- (i) Is the innovation easily adoptable by other farmers in the region?
- (ii) Has the innovation made an outstanding contribution to water conservation and increased the beneficial use of water and/or freed water for other uses?
- (iii) Is there a reasonable expectation that the innovation will be sustainably practised?

The Jury is empowered to shift a nomination from the category under which it is submitted to another category if such a shift is appropriate and beneficial and essentially warranted.

**(c) Authentication by the National Committee**

For the Jury to adjudicate the awards, which are highly dependent on the actual application of the technology in the field, the nominating National Committee/Committee has to play a crucial role since members of the Jury will often not have detailed first-hand knowledge of the situation in a particular country, and thus would not be in a position to judge the realism of individual submissions.

National Committees should establish a broad-based WatSave Awards National Screening Committee for screening the nominations at the national level against criteria laid down for each category of Award for which the nominations are proposed to be submitted to the Central Office and ascertain their eligibility. The Screening Committee should authenticate the innovation and its implementation and ensure that it is an original work carried out by the authors. The NCs need also to confirm the age of the applicant for the Young Professional Award.

**(d) Financial**

The host National Committee of IEC meeting of each year shall sponsor the Awards presented for that year.

Central Office shall make adequate provisions in the annual budget as appropriate to disseminate the works awarded.

**(e) Contact**

The ICID Central Office may be contacted for further information on the WatSave Awards,

The Secretary General  
International Commission on Irrigation & Drainage (ICID)  
48 Nyaya Marg, Chanakyapuri  
New Delhi 110021  
Tel: +91-11-26116837, 2611 5679, 2467 9532, Fax: +91-11-26115962  
E-mail: [icid@icid.org](mailto:icid@icid.org), Website: [www.icid.org](http://www.icid.org)





**AGENDA FOR THE 44<sup>TH</sup> MEETING OF THE  
PERMANENT FINANCE COMMITTEE (PFC)**

05 November 2023: 14:00-15:30 hours (Session I)

05 November 2023: 16:00-17:30 hours (Session II)

Visakhapatnam (Vizag), Andhra Pradesh State, India

**Mandate:** The Permanent Finance Committee (PFC) shall be concerned with the financial matters of the Commission and matters having significant financial implications. It will review the receipts and expenditures, advise the Council on the previous year's accounts and on the proposed or provisional budget and will make recommendations on the annual subscriptions and other support required from the National Committees and the Direct Members for the current and future years. It may give its opinion to the President and the Secretary General on the elements to be taken into account to prepare the budgets of the future years. The Committee shall also work out and recommend to the Council ways and means of improving the financial resources of the Commission to meet the financial requirements for undertaking different programs and activities emanating from the other work bodies.

**Members:** (1) VPH Dr. Marco Arcieri, Chairman (Italy, 2017); (2) Prof. Mohamed Benmoussa (Morocco, 2018); (3) Mr. Abdul Malik Sadat Idris (Indonesia, 2018); (4) Mr. Delbert M. Smith, P.E. (USA, 2019); (5) Mr. Gao Lihui (China, 2019); (6) Mr. David Cameron, (Australia, 2020); (7) Md. Mahmudar Rahman (Bangladesh, 2020); (8) Dr. K. Yella Reddy (India, 2022); (9) Mr. Toru Okuda (Japan, 2022); and (10) Er. Ashwin B. Pandya, Secretary General, ICID

**General Note:** Conversion rate of US\$ versus INR (₹) (Indian Rupee) used in the budget and forecasts: –

Average Exchange Rate of 1 US\$ for the last fifteen months					
Month	Indian Rupee	Month	Indian Rupee	Month	Indian Rupee
April 2022	76.19	September 2022	80.14	February 2023	82.59
May 2022	77.30	October 2022	82.29	March 2023	82.25
June 2022	78.02	November 2022	81.61	April 2023	81.95
July 2022	79.52	December 2022	82.40	May 2023	82.29
August 2022	79.57	January 2023	81.76	June 2023	82.20

1 A conversion rate of US\$1 = ₹ 75 was assumed in the forecast for the FY 2022-23 on the basis of the exchange rate in the preceding 15 months commencing from April 2021 to June 2022. Subscriptions actually received were, of course, converted based on the prevalent rate. The difference in the budgeted subscription receipts and the actual subscription receipts due to change in the exchange rate are accounted for as part of 'Other Receipts or Other Payments'.

2. Based upon average exchange rate of US\$ 1 for the last fifteen months from April 2022 to June 2023, an exchange rate of US\$ 1 = ₹ 81 has been assumed for the Revised Budget (Proposed) for the FY 2023-2024, Budget for FY 2024-25 and Preliminary Budget for 2025-2026 and Forecast Budget for the FY 2026-2027.

**PFC Agenda Item 1: Review of the Membership of the Committee**

3, According to By-law 3.9.3 (b), PFC shall comprise of the Secretary-General (SG) and a minimum of nine and a maximum of fifteen elected members. Presently there are only 10 members on the Committee including SG. The By-law 3.8.1(c) states that:

*"Members of each Committee will be appointed for a three-year term by the Executive Council at the time of a Congress and may continue to function up to a total of six years, continuously or intermittently. Members, who no longer are actively functioning, may be replaced at the time of the Council meeting according to the aforesaid rules".*

4. The term of the Chairman of PFC, VPH Dr. Marco Arcieri will be coming to an end with the conclusion of 74<sup>th</sup> Executive Council meeting (IEC) at Visakhapatnam (Vizag), Andhra Pradesh, India in November 2023. As per ICID By-laws 3.9.3(b), “The Chairperson of this Committee shall be chosen at the Executive Council meeting either from among Office-Bearers (preferably those in offices) elected to this Committee or others who shall have been in service on the Committee at the time of appointment of the Chairperson”. Accordingly, the Committee may choose Chairman, who can then take over as Chairman PFC after the upcoming meeting of the Committee at Visakhapatnam (Vizag), Andhra Pradesh, India in November 2023 for a smooth transition.
5. The Committee may like to note its heartfelt congratulations to Dr. David Cameron, who has taken over as CEO of Irrigation Australia on September 12, 2022, succeeding Mr. Bryan Ward, and wishes the IACID success under his capable direction. The Committee may review and recommend Dr. David Cameron for the remaining term of PFC membership to the IEC for approval.
6. The Committee may note that Turkey NC (TUCID) vide their email dated 27<sup>th</sup> December 2022 nominated Muhammed Imran Kulat to become a member of PFC. The Committee may consider and recommend nomination of Muhammed Imran Kulat for the membership of PFC to IEC for approval.
7. The Nigeria National Committee of ICID (NINCID) nominated Mr. Yahaya Dalha Kazaure to join PFC through email on August 17, 2023. The Committee may take into account Mr. Yahaya Dalha Kazaure's candidature for the PFC membership and propose it to the IEC for approval.
8. The Committee may note that Indonesia National Committee of ICID (INACID) vide their email dated 14<sup>th</sup> August 2023 nominated Ir. Birendrajana, M.T. to become an observer of PFC. As per By-law 3.5, for a wider representation of countries in a permanent work body, not more than one nomination from one country shall be accepted. And Mr. Abdul Malik Sadat Idris has been a member of this committee since 2018 on behalf of INACID (Indonesia).
9. The Committee may note that Pakistan National Committee on Irrigation and Drainage (PANCID) Nominated again Engr. Husnain Ahmad vide their e-mail dated 30 August 2023 to become a member of PFC. The Committee may consider and recommend nomination of Engr. Husnain Ahmed for membership of PFC to IEC for approval. The Committee may note that Mr. Husnain Ahmed (Pakistan) was also a member of PFC and term concluded in 2020 after six years at the 41<sup>st</sup> Meeting of PFC (71<sup>ST</sup> IEC)
10. Moreover, members of each Committee will be appointed for a three-year term by the Executive Council at the time of a Congress and may continue to function up to a total of six years, continuously or intermittently. Members, who no longer are actively functioning, may be replaced at the time of the Council meeting according to the aforesaid rules”.
11. Therefore, a person may become an observer in the forthcoming PFC, and when the tenure of a current member expires, Observer is eligible for replacement in the following PFC. Accordingly, the Committee may consider and recommend nomination of Ir. Birendrajana, M.T. for the observer of PFC to IEC for approval.
12. With the completion of the 74<sup>th</sup> IEC Meeting, the membership of the PFC, it may be 12. Three new nominations from Turkey NC, Nigeria NC and Pakistan NC and on completion of term (Chair of PFC) which is within the membership strength mandated by ICID By-laws 3.9.3 (b) stated above.

**PFC Agenda Item 2: Report of the Direct Membership Administering (DMA) Sub - Committee**

13. As per the decision of the 63<sup>rd</sup> IEC meeting held at Adelaide, Australia in June 2012 regarding admission of individuals, institutions, and companies for Direct Membership, the Direct Membership Administering (DMA) Sub-Committee was established with Chair PFC as its Chair and with two members co-opted from PFC and one member from PCSO. Accordingly, in consultation with Chair, PFC, the DMA Sub-Committee has been reconstituted vide Notification No.7 of 2019 dated 22 November 2019 with the composition given below. Consequent upon the retirement of VPH Laurie Tollefson as Chair of PFC with the conclusion of 71<sup>st</sup> (virtual) IEC meeting, the new Chair of PFC VP Dr. Marco Arcieri has taken over as the Chairman of the DMA Sub-Committee, as per the Guidelines for Administering Direct Membership approved by the Council vide its Resolution IEC-3/63.

- |   |            |
|---|------------|
| (a) VPH Dr. Marco Arcieri, Chair, PFC (Italy) | - Chairman |
| (b) Mr. Delbert M. Smith, Member, PFC (USA)   | - Member   |
| (c) Mr. Gao Lihui, Member, PFC (China)        | - Member   |
| (d) VPH Dr. Kamran Emami, Member, PCSO (Iran) | - Member   |

14. This year, the ICID CO has received the following applications for Direct Membership which have been found to be complete in all respects. The Direct Membership Administering (DMA) sub-Committee has approved provisional membership to all four applicants

SI. No.	Name of Applicant	Country	Type of Membership Applied for
1.	Dr. Priju CP	India	Individual (2024)
2.	Dr. Srinivasa Varma Kothapalli	India	Individual (2023)
3.	Eng. Rajesh More	India	Individual (Life Membership)
4.	Prof. Mohammad Alwabel	Saudi Arabia	Individual (2024-2026)
5.	Dr. Kumar V.	India	Life Membership

15. In addition, 1. Mr. Manoj Kumar Verma, Individual (India), 2. Ms. Faith Muchembi, Individual (Kenya), 3. Mr. Mirajuddin Noorzada, Individual (Afghanistan), 4. Dr. Javed Hussain, Institution (Pakistan), 5. Mr. Himanshu Tyagi, Individual (India), 6. Mr. Rahul Nandurkar, Individual (India), 7. Eng. Rama Bakir, Individual (Syria), 8. Mr. Gelu Gezimu, Individual (Ethiopia), 9. Mr. Paschal Massay, Individual (Tanzania), 10. Mr. Jihad Alali, Individual (Turkey), 11. Eng. Carlos Rovello Gando, Individual (Ecuador), 12. Mr. Prahlad Patel, Individual (India), 13. Mr. Afzaal Khan, Individual (Pakistan), 14. Mr. Enock Asante Osei, Individual (Ghana), 15. Ms. Mubarak Alghariani, Individual (Libya), 16. Mr. Ayman Batisha, Individual (Egypt), 17. Mr. Fei Liang, Individual (China), 18. Mr. Aniket Patil, Individual (India), 19. Mr. Hope Wang, Individual (China) 20. Mr. Yunxiu zou, Institution (China), 21. Mr. Umar Mustapha Jime, Individual (Nigeria), 22. Mr. Igho Umukoro, Individual (Nigeria), 23. Ms. Aji Deni HM, Individual (Indonesia), 24. Dr. Goden Mabaya, Individual (Zimbabwe), 25. Mr. Hadi Esmaeili, Individual (Iran), 26. Mr. Zehua Zhu, Individual (China), 27. Mr. Syafiq Shaharuddin, Individual (Malaysia), 28. Dr. Kumar V, Individual (India), 29. Mr. Moussa Konda, Individual (Burkina Faso), 30. Mr. Jose III Collantes, Individual (Philippines), 31. Mr. Mohamed Monir, Individual (Egypt) and 32. Mr. Lenin Nyakinya, Individual (Kenya), 33. Mr. Harry Surwianto Sutomo, Individual (Indonesia), 34. Eng. Obinna Oruobi, (Nigeria), and 35. Dr. Seyed Mehran Jafari (Iran) have also submitted their application for Direct membership and Proforma subscription notifications have been sent to them to remit the membership subscription. PFC may like to approve direct membership of these Individuals, Institutions and Companies subject to payment of membership subscription by them.

16. During the period, India Water Foundation (IWF) renewed their direct membership.

17. The following 29 Direct Members have been active in ICID activities at the time of preparing this agenda notes:

SI. No.	Name of Direct Member	Country	Category	Duration
1.	M/s WAPCOS Limited	India	Company	3 Yrs.
2.	M/s Electro steel Castings Limited	India	Company	3 Yrs.
3.	M/s Jain Irrigation Systems Ltd.	India	Company	3 Yrs.
4.	India Water Foundation	India	Institution (A)	1 yr
5.	Central Board of Irrigation and Power (CBIP)	India	Institution (A)	3 Yrs.
6.	M/s Rivulis Irrigation India Pvt. Ltd.	India	Company	3 Yrs.
7.	M/s Vassar Labs IT Solutions Pvt. Ltd.	India	Company (B)	3 Yrs.
8.	Irrigation Australia Ltd	Australia	Company	Dual
9.	Mr. Y. Abdul Basheer	India	Individual (Retiree)	3 Yrs.
10.	Prof. P.K. Bordoloi	India	Individual	LM
11.	Dr. Ashish Pandey	India	Individual	LM
12.	Prof. Umesh Chandra Chaube	India	Individual (Retiree)	LM
13.	Prof. Lal Bahadur Roy	India	Individual	LM
14.	Mr. Aytekin Turgay	Turkey	Individual	LM
15.	Prof. Dr. Klaus Rottcher	Germany	Individual	LM

Sl. No.	Name of Direct Member	Country	Category	Duration
16.	Mr. Sajid Ali Bhutto	Pakistan	Individual	3 Yrs.
17.	Mr. Deepak Khare	India	Individual	LM
18.	Prof. (Dr.) Mitthan Lal Kansal	India	Individual	LM
19.	Dr. Ajay Pradhan	India	Individual	LM
20.	Mr. Ashok Hiralalji Karva	India	Individual	LM
21.	Profesor (Mr.) Arun Kumar	India	Individual	LM
22.	Dr. (Mr.) Ahmed E. Elshaikh	Sudan	Individual	LM
23.	Mr. Anton Urfels	Germany	Individual	3 Yrs.
24.	Dr. P.L. Patel	India	Individual	LM
25.	Dr. P.V. Timbadiya	India	Individual	LM
26.	Mr. Aariz Ahmed	India	Individual (YP)	1 Yr.
27.	Mr. Ahmed Abuzeid	Egypt	Individual (YP)	3 Yrs.
28.	Mr. Aloysisu Mubangizi	Uganda	Individual (YP)	3 Yrs.
29.	Mr. Thibaul T. Simon	Combodia	Individual (YP)	3 Yrs.

18. The fees structure of direct membership as approved in 63<sup>th</sup> IEC, (Adelaide, Australia, 2012) is given below in tabular form. It is for the information of the committee that the structure has continued un-changed since last ten years therefore, the committee may like to increase the subscription.

MEMBERSHIP SUBSCRIPTION STRUCTURE (US\$)							
Membership category	Number of Nominees	Developed country			Developing country		
		1 year member	3 years member	Admission Fee	1 year member	3 years member	Admission Fee
<b>I. Company (A)</b>	Two	\$600	\$1720	\$180	\$400	\$1080	\$120
<b>II. Company (B)</b>	Four	\$1000	\$2700	\$300	\$850	\$2300	\$250
<b>III. Company (C)</b>	Six	\$2000	\$5400	\$600	\$2000	\$5400	\$600
<b>IV. Institution (A)</b>	Two	\$400	\$1080	\$120	\$280	\$760	\$80
<b>V. Institution (B)</b>	Four	\$600	\$1720	\$180	\$400	\$1080	\$120
<b>VI. Individual:</b>	-	\$100	\$270	\$20	\$60	<b>\$160</b>	\$20
<b>VII Individual: Retiree</b>	-	\$70	\$190	\$20	<b>\$60</b>	<b>\$160</b>	\$20
<b>VIII. Individual: Young Professional</b>	-	\$50	<b>\$135</b>	\$20	<b>\$50</b>	\$135	\$20
<ul style="list-style-type: none"> <li>❖ <b>Company Category A:</b> With annual turnover up to 1 million US \$</li> <li>❖ <b>Company Category B:</b> With annual turnover between 1 and 10 million US \$</li> <li>❖ <b>Company Category C:</b> With annual turnover above 10 million US\$</li> <li>❖ <b>Institution Category A:</b> With 1-50 employees</li> <li>❖ <b>Institution Category B:</b> With 50 and above employees</li> </ul>							

LIFE MEMBERSHIP FOR INDIVIDUALS (US\$)			
Membership category	Developed countries	Developing countries	Admission subscription
i. Individual	US \$ 900	US \$ 550	US \$ 20
ii. Individual (Retiree)	US \$ 600	US \$ 500	US \$ 20

**PFC Agenda Item 3: Review of the position of arrears of annual membership subscriptions from NCs and Membership status**

19. The Committee may appreciate the Canadian National Committee, ICID (CANCID), who paid their ICID annual membership subscription in Canadian dollars (CAD) 34,720/- for the years 2023, 2024 and 2025.

20. Vide Resolution IEC-1/71, the 71<sup>st</sup> IEC virtual meeting held in 2020 approved the admission of Kenya as a member of ICID from 1 July 2021, subject to payment of subscription for six months for 2021. Vide their communication dated 1 September 2021, the Kenyan NC reaffirmed their commitment to reactivate its membership in ICID and assured that the Irrigation Department at the Ministry of Water, Sanitation and Irrigation would communicate the status of reactivation of their membership at the earliest to ICID Central Office. In response to an email dated 7 January 2022, ICID Central Office received a response from the Ministry of Water, Sanitation and Irrigation (Kenya) that they have put the file to National Treasury for budget allocation and were hopeful to renew the Kenya’s membership on 1st July 2022. Subsequently, email dated 16<sup>th</sup> January 2023 sent for membership subscription for the year 2023. However, membership subscription is still awaited. This is for information of the Committee.

**21. Active NCs in Arrears:** At the time of writing the agenda notes, a total of 24 active National Committees are in arrears of subscription in different years of 2018, 2019, 2020, 2021 and 2022 as indicated below:

Sl. No	National Committee	Arrear Amount (US \$)						Total	Remarks/ Applicable By-Law (13.1/ 13.2) w.e.f. 1 January 2024
		2018	2019	2020	2021	2022	Current Year (2023)		
1	Bangladesh	--	--	--	--	--	3175	3175	
2	Burkina Faso	--	--	--	--	1650	1650	3300	
3	Egypt	--	--	--	--	4655	4655	9310	
4	France	--	--	--	--	--	7235	7235	
5	Hungary	--	--	--	--	--	3765	3765	
6	Iran	--	--	--	--	6255	6255	12510	IRNCID informed that the subscription amount will be paid during 74 <sup>th</sup> IEC.
7	Iraq	--	--	--	--	--	4315	4315	
8	Ireland	--	--	2990	2990	2990	2990	11960	By-law 13.2
9	Jamaica (New)	--	--	--	--	--	1635	1635	
10	Kenya	--	--	--	--	--	1865	1865	
11	Malawi	--	--	1700	1700	1700	1700	6800	By-law 13.2
12	Morocco	--	--	--	--	--	3215	3215	
13	Netherlands	--	--	--	--	5415	5415	10830	Opted for deactivation of membership
14	Nigeria	--	--	--	--	--	2250	2250	
15	Pakistan	--	--	--	--	7210	7210	14420	
16	Saudi Arab	--	--	--	--	--	4705	4705	
17	South Africa	--	--	--	--	--	3975	3975	
18	Sudan	--	--	2515	2515	2515	2515	10060	By-law 13.2
19	Tajikistan	--	--	--	2185	--	2170	4355	
20	Turkey	--	--	--	--	--	6610	6610	
21	Ukraine	355	4100	4100	4100	4100	4100	20855	By-law 13.2
22	USA	--	--	--	12410	12410	12410	37230	By-law 13.1
23	Zambia	--	--	--	--	1785	1785	3570	
	<b>Total</b>	<b>355</b>	<b>4100</b>	<b>11305</b>	<b>25900</b>	<b>50685</b>	<b>98570</b>	<b>188890</b>	

**22. Sanctions under By-law 13.1:** As indicated above, 1 NC of USA have arrear of 2 years excluding current year dues. Several requests have been made to the NC to clear their balance of subscription. The PFC may consider recommending IEC to apply By-law 13.1 to above National Committees debarring them from holding office whether it be as an Office Bearer or as a member of a working body until such time the arrears are paid.

**23. Sanctions under By-law 13.2:** At the time of preparation of the agenda notes, 4 NCs have arrear of 3 years and more excluding current year i.e. Ireland, Malawi, Sudan and Ukraine. (Ukraine has already got approval to become associate member in the 73<sup>rd</sup> IEC) Several requests have been made to these NCs to clear their balance of subscription. The PFC may consider recommending IEC to apply By-law 13.2 to above National Committees for becoming Associate Member if the arrears are not cleared by 31st December 2023.

24. PFC may note that Netherlands (NETHCID) NC informed that the NC has been facing financial challenges and are unable to continue with the ICID membership. As per previously communicated on 12<sup>th</sup> June 2020, 12<sup>th</sup> March 2021, 10<sup>th</sup> June 2022, and 06<sup>th</sup> March 2023, informed that their payment for 2021 will be their final one.

25. In case of Ukraine, PFC may consider to defer the applicability of ICID Bye-law 13.2 for more time as a special case considering the response of the Ukraine NC via email dated on 16th December 2022 ensuring that the issue i.e. Russia-Ukraine war situation can be resolved by next year, as per discussion in the meeting of MB scheduled on 13 January 2023.

26. As indicated above in table, one (1) member is attracting By-Law 13.1 while four (4) members are attracting By-Law 13.2 and will be relegated to associate member reducing total number of active members. PFC may like to deliberate on this issue which is a matter of concern and suggest ways to keep members as active member especially keeping in view of the global economic recession.

27. ICID received an e-mail from Sudan NC on 03 August 2023 informing that Sudan for the last four years has been under an unstable political situation and there is no Government for almost two years and Khartoum has also been looted, civilian houses are occupied by invaders. Sudan NC requested ICID to consider these adverse conditions and allow Sudan National Committee to pay subscription until this war comes to an end. PFC may like to consider to defer the applicability of ICID Bye-law 13.2.

**PFC Agenda Item 4: Review of the financial status of recently held ICID events**

**PFC Agenda Item 4.1: 24 Congress & 73<sup>rd</sup> IEC in Adelaide, Australia, October 2022**

28. Irrigation Australia's Committee on Irrigation and Drainage, Australia NC (IACID) made a special contribution to the ICID budget amounting to 35% of the registration fee that is AUD 77096/- (Australian Dollar Seventy Seven Thousand Ninety Six Only) in the month of January 2023 collected from the 24th ICID Congress and 73rd IEC Meeting held during October 3rd - 10th, 2022. The Committee may like wish to express its gratitude to IACID for the successful organization of the 24th ICID Congress and 73rd IEC Meeting, as well as for making a special contribution to the ICID budget in support of the ICID's purpose.

**PFC Agenda Item 5: Review of financial proposals for the forthcoming ICID events**

**PFC Agenda Item 5.1: 74<sup>th</sup> IEC and 25<sup>th</sup> ICID Congress in Visakhapatnam, India, November 2023**

29. According to the minutes of the 72nd IEC Meeting, the organization and registration fees structure of the 74th IEC and 25th Congress in Visakhapatnam, India in November 2023 were also authorized by Resolution IEC-2/72. The approved registration fee structure is shown in tabular form below.

REGISTRATION FEE STRUCTURE (US\$)			
Venue / Year	Visakhapatnam (Vizag), Andhra Pradesh State, India, November 2023		
Event	74 <sup>th</sup> IEC + 25 <sup>th</sup> Congress		
		After Early Bird	Early Bird*
Member Countries	Congress+IEC	\$750	\$700
	Congress only	\$450	\$400
	IEC only	\$400	\$350
Non-Member Fee	Congress+IEC	\$850	\$750
	Congress only	\$500	\$450
	IEC only	\$450	\$400

REGISTRATION FEE STRUCTURE (US\$)			
Venue / Year	Visakhapatnam (Vizag), Andhra Pradesh State, India, November 2023		
Event	74 <sup>th</sup> IEC + 25 <sup>th</sup> Congress		
Young Professionals/Retired Professional	Congress+IEC	\$375	\$350
	Congress only	\$200	\$175
	IEC only	\$200	\$175
Local Delegates	Congress Only	\$250	\$225
Student Registration	Congress Only	\$200	\$ 175
Accompanying Persons	Congress+IEC	\$250	\$225
	Congress only	\$200	\$175
	IEC only	\$175	\$150

\*Early Bird Discount Date Extended to 15<sup>th</sup> August 2023.

**PFC Agenda Item 5.2: Middle East Regional Conference, March 2024, Saudi Arab**

30 72<sup>nd</sup> IEC meeting held in December 2021 (virtual) approved organization the Middle East Regional Conference by the Saudi Arabian National Committee of ICID (SACID) in collaboration with Saudi Irrigation Organization (SIO) in March 2024. As per form 'A' received by email dated 26<sup>th</sup> January 2023 is given below for approval of PFC and IEC.

REGISTRATION FEE STRUCTURE (US\$)			
Event / Year / Venue	Middle East Regional Conference, March 2024		
		Early Bird	After Early Bird
Member Countries	Regional Conf./IMIC/IDW only	\$ 250	\$ 300
Non-Member countries (fee for non-member delegates could be up to one and half times)	Regional Conf./IMIC/IDW only	\$ 250	\$ 300
Young/Retired Professionals	Regional Conf./IMIC/IDW only	Free	Free
Student Registration	Regional Conf./IMIC/IDW only	Free	Free
Daily Registration	Regional Conf./IMIC/IDW only	Free	Free
Accompanying Persons	Regional Conf./IMIC/IDW only	Free	Free

**PFC Agenda Item 5.3: 14<sup>th</sup> International Drainage Workshop, Dushanbe, Tajikistan, May 2024**

31. Organization for the following event already approved by IEC in 2022 i.e., 14<sup>th</sup> International Drainage Workshop at Tajikistan in May 2024, as per Form 'A' received from the respective host NC, proposed registration fee structure is given below in tabular form for information. The letter was sent on 18 June 2023 requesting feedback with regard to fresh date or otherwise.

Venue / Year	Dushanbe, Tajikistan, May 2024
Event	14 <sup>th</sup> IDW
Full Registration/Foreign Delegates	\$ 400
Non-Member Fee	\$ 500
Young Professional (International)	\$ 200
Young Professional (Local)/Student	
Local Delegates	--
Retired Professionals	\$ 200
Accompanying Persons	\$ 150

<b>Venue / Year</b>	<b>Dushanbe, Tajikistan, May 2024</b>
Daily Registration	--
Delegates from Low Income	--

**PFC Agenda Item 5.4: 75<sup>th</sup> IEC and 9<sup>th</sup> Asian Regional Conference in Sydney, Australia, September 2024**

32. Organization for the event already approved by 73<sup>rd</sup> IEC, Adelaide, Australia, October 2022, i.e., 75<sup>th</sup> IEC and 9<sup>th</sup> Asian Regional Conference (ARC) at Sydney, Australia in September 2024, as per Form 'A' received from the respective host NC, proposed registration fee structure is given below in tabular form for information.

<b>REGISTRATION FEE STRUCTURE (US\$)</b>			
<b>Venue / Year</b>	<b>Sydney, Australia, September 2024</b>		
<b>Event</b>	<b>75 IEC + 9th ARC</b>		
		<b>After Early Bird</b>	<b>Early Bird</b>
Member Countries	Regional Conf./IMIC/IDW+Council	\$ 880	\$ 825
	Regional Conf./IMIC/IDW only	\$ 715	\$ 660
Non-Member Fee	Regional Conf./IMIC/IDW+Council	\$ 990	\$ 935
	Regional Conf./IMIC/IDW only	\$ 825	\$ 770
Young/Retired Professionals	Regional Conf./IMIC/IDW+Council	\$ 440	\$ 385
	Regional Conf./IMIC/IDW only	\$ 220	\$ 165
Local Delegates	Regional Conf./IMIC/IDW only	\$ 760	\$ 720
Student Registration	Regional Conf./IMIC/IDW only	\$ 165	\$ 110
Daily Registration	Regional Conf./IMIC/IDW only	\$ 220	\$ 220
Accompanying Persons	Regional Conf./IMIC/IDW+Council	\$ 330	\$ 275
	Regional Conf./IMIC/IDW only	\$ 220	\$ 165

**Supp. 32A:** Irrigation Australia's Committee on Irrigation and Drainage (IACID) proposal to organize 75<sup>th</sup> IEC and 9<sup>th</sup> Asian Regional Conference in Sydney, Australia, September 2024 was approved by 73<sup>rd</sup> IEC in October 2022. Now IACID has submitted revised Form-A along with registration fee structure, vide e-mail dated 27 September 2023, from Dr. David Cameron (as given below in table) for approval of IEC.

<b>REVISED REGISTRATION FEE STRUCTURE (US\$) – Sydney, Australia, September 2024</b>				
	<b>Category</b>	<b>Participation type</b>	<b>Early Bird Registration Fee (US Dollars)</b>	<b>Registration Fee after Early Bird Deadline (US Dollars)</b>
1	Member Countries	WIF/Congress + Council		
		WIF / Congress only		
		IEC only		
		Regional Conf./IMIC/IDW + Council	\$825	\$880
		Regional Conf. / IMIC/IDW only	\$660	\$715
2	Non-Member countries (fee for non-member delegates could be up to one and half times)	WIF / Congress + Council		
		WIF/Congress only		
		IEC only		
		Regional Conf. / IMIC/IDW + Council	\$935	\$990
		Regional Conf. / IMIC/IDW only	\$770	\$825
3	Young* / Retired Professionals **	WIF / Congress + Council		
		WIF / Congress only		
		IEC only		
		Regional Conf. / IMIC/IDW + Council	\$385	\$440



REVISED REGISTRATION FEE STRUCTURE (US\$) — Sydney, Australia, September 2024				
	Category	Participation type	Early Bird Registration Fee (US Dollars)	Registration Fee after Early Bird Deadline (US Dollars)
		Regional conf. / IMIC/IDW only	\$165	\$220
4	Local Delegates	WIF/Congress only		
		Regional conf. / IMIC/IDW only	\$720	\$760
5	Students Registration	WIF / Congress only	\$110	\$ 165
		Regional conf. / IMIC/IDW only		
6	Daily Registration***	WIF / Congress only		
		Regional conf. / IMIC/IDW only	\$220	\$220
7	Accompanying Persons	WIF / Congress + Council		
		WIF/Congress only		
		IEC only		
		Regional Conf. / IMIC/IDW + Council	\$275	\$330
		Regional conf. / IMIC/IDW only	\$ 165	\$220

**Notes:**

**CONGRESS / FORUM + COUNCIL**

- \* To be eligible for the young professional rate, professionals are required to upload their details during the online registration process or send a copy of their passport by fax or via e-mail. (below 40 years of age on the date of registration)
- \*\* To be eligible for the retired professional rate, professionals are required to upload their details during online registration process or send a copy of their passport by fax or via e-mail. (prescribed age is 62 years on the date of registration)
- \*\*\* This fee is applicable for those who will attend the Congress I Forum, only one day.

**Exhibitors who want to participate in the Congress I Forum are required to register separately.**

**Student fee is US \$110 | \$165 (for Congress I Forum participants only)**

In order to benefit from the special fee, a submission of status confirmation (approval letter signed by the Head of Department or copy of your status ID) must be uploaded during the online registration.

**PFC Agenda Item 5.5: 76<sup>th</sup> IEC and 4<sup>th</sup> WIF in Kuala Lumpur, Malaysia, September 2025**

33. Organization for the event already approved by IEC in 2022 i.e., 76th International Executive Council and 4th WIF in May 2025 at Kuala Lumpur, Malaysia, as per Form 'A' received from the respective host NC, proposed registration fee structure is given below in tabular form for information.

REGISTRATION FEE STRUCTURE (US\$)			
Venue / Year	Kuala Lumpur, Malaysia, September 2025		
Event	76 IEC + 4 WIF		
		After Early Bird	Early Bird
Member Countries	WIF/Congress + Council	\$ 800	\$ 750
Non-Member Fee	WIF/Congress + Council	\$ 900	\$ 850
Young/Retired Professionals	WIF + Council	\$ 400	\$ 380
Local Delegates	WIF/Congress	\$ 200	\$ 150
Student Registration	WIF/Congress	\$ 150	\$ 100
Daily Registration	WIF/Congress	\$ 200	--
Accompanying Persons	WIF + Council	\$ 300	\$ 250

**PFC Agenda Item 5.6: 11<sup>th</sup> International Micro Irrigation Conference in the first week of April 2025, Baghdad, Iraq**

34. The Iraqi National Committee of ICID (IRQCID) has sent filled in Form A to organize the 11th International Micro Irrigation Conference (IMIC). This conference is proposed to be organized in the first week of April 2025 at Baghdad, Iraq.

35. IRQCID has proposed not to charge any registration fee from the delegates. PFC may consider to proposed and recommend it IEC for approval.

<b>REGISTRATION FEE STRUCTURE (US\$)</b>				
	<b>Category</b>	<b>Participation type</b>	<b>Early Bird</b>	<b>After Early Bird</b>
1	Member countries	WIF / Congress + Council	-	-
		WIF / Congress only	-	-
		IEC only	-	-
		Regional Conf. / IMIC/ IDW + Council	-	-
		Regional Conf. / IMIC/ IDW only	Free	Free
2	Non-member countries ( <i>fee for non-member delegates could be up to one and half times</i> )	WIF / Congress + Council	-	-
		WIF / Congress only	-	-
		IEC only	-	-
		Regional Conf. / IMIC/ IDW + Council	-	-
		Regional Conf. / IMIC/ IDW only	Free	Free
3	Young* / Retired professionals**	WIF / Congress + Council	-	-
		WIF / Congress only	-	-
		IEC only	-	-
		Regional Conf. / IMIC/ IDW + Council	-	-
		Regional Conf. / IMIC/ IDW only	Free	Free
4	Local Delegates	WIF / Congress only	-	-
		Regional Conf. / IMIC/ IDW only	-	-
5	Students Registration	WIF / Congress only	-	-
		Regional Conf. / IMIC/ IDW only	-	-
6	Daily Registration***	WIF / Congress only	-	-
		Regional Conf. / IMIC/ IDW only	Free	Free
7	Accompanying persons	WIF / Congress + Council	-	-
		WIF / Congress only	-	-
		IEC only	-	-
		Regional Conf. / IMIC/ IDW + Council	-	-
		Regional Conf. / IMIC/ IDW only	Free	Free

**PFC Agenda Item 5.7: 77 IEC and 26th Congress in Marseille, France, October 2026**

36. Form 'A' yet to be received

**PFC Agenda Item 5.8: 78 IEC and 5th WIF, Beijing, China, 2027**

37. Revised Form 'A' yet to be received

**PFC Agenda Item 6: Consider the audited accounts of ICID for the Financial Year 2022-23**

**PFC Agenda Item 6.1 Auditor's Report**

38. The Auditor's Report (abridged) for the financial year (1 April 2022 to 31 March 2023) is given at **Annex 1**. As per the accounting standard of Institute of Chartered Accountants India (ICAI) and statutory auditor's advice, accounting policy has been updated w.e.f. 01<sup>st</sup> April 2019 onwards to enable ICID's Finance System to run accurately and smoothly. This is for information of the Committee. The PFC may consider and recommend the

audited accounts for the year 2022-23 to IEC for its approval with or without comments. Some of the salient points of the Auditor's Report are highlighted in the following paragraphs:

39. The total annual subscription amount receivable from the 55 active National Committees for the year 2022 was US\$ 249,955. Against this, a sum of US\$ 170,855 was received at the time of preparation of the agenda. This shows 68.35% realization of the total subscription for the year 2022 as against 70.62% for the year 2021. PFC may note that 35 out of 55 active members paid their subscription for the year 2022 as on 17<sup>th</sup> August 2023. In addition, outstanding subscription arrears amounting to US\$ 50,685 for the year 2022, US\$ 25,900 for the 2021, US\$ 11,305 for the year 2020, US\$ 4,100 for the year 2019, and US\$ 355 for the year 2018 are still to be received as on 17<sup>th</sup> August 2023.

**PFC Agenda Item 7: Budget and Expenditure for the Financial Year 2022-23**

**PFC Agenda Item 7.1: Comparison of budget estimates and actual expenditure for FY 2022-2023**

40. A summary of the outlay for 2022-23 approved by IEC and payment made up to 31<sup>st</sup> March 2023 is presented at **Annex 2**. Against the anticipated receipts of ₹76.64 million (US\$ 946,210 @ 1 US\$ = 81 INR₹), the actual receipts were ₹ 28.04 million (US\$ 346,142). The actual expenditure made during 2022-23 were ₹ 73.58 million (US\$ 908,384) against the anticipated budgeted payment of ₹ 76.82 million (US\$ 948,409). There is an overall deficit of ₹ 45.54 million (US\$ 562,242) in the FY 2022-23.

**SPECIAL SUBSCRIPTION**

41. A sum of ₹ 0.41 million (US\$ 5,000) was received on 23<sup>rd</sup> February 2023 as a Special Subscription for technical support to YP Activities from Japan National Committee of International Commission on Irrigation and Drainage (JNCID), Japan.

**PFC Agenda Item 8: Budget proposals and forecasting for the current and coming years**

42. As rental income has been disturbed for the past 25 months, ICID will have to make certain adjustments to its annual budget and activities. As a result of the 100% loss in rental income, the ICID-supported initiatives and activities will need to be reviewed and changed to account for the lower incomes. Budget predictions for the future years 2024-25 will be amended if necessary after all contingencies are known. The projections made in the succeeding paragraphs are proposed to be used for obtaining approvals of IEC for the oncoming financial years.

43. PFC may consider the budget for FY 2023-2024 and recommend it to IEC for approval. PFC may also consider the proposed budget for FY 2024-2025 and recommend it to IEC for approval. The preliminary budget for the FY 2025-26 and forecasts budget for FY 2026-2027 is also presented for information.

**PFC Agenda Item 8.1: Revised Budget proposal for the current FY 2023-24**

**RECEIPTS**

**44. Membership Subscription:** A sum of ₹ 23.68 million (US\$ 292,346) is anticipated to be received from the annual membership subscription with respect to 49 active NCs and Direct Members including arrears, Special subscription etc. from members. It is assumed that the half of arrear dues will be received in 2023-2024.

**45. Sale of Publications:** An amount of ₹ 1.15 million (US\$ 14,210) is budgeted to be received from the sale of publications which includes royalty receivable from M/s Wiley-Blackwell, the publisher of ICID Journal - 'Irrigation and Drainage'.

**46. Special contribution to the Budget:** A special contribution of ₹ 0.075 million (US\$ 926) is expected to be received as share from registration fees from 14th International Drainage Workshop, Sushanbe, Tajikistan, May 2024.

**47. Interest on Fixed Deposit:** It is estimated that an amount of ₹ 2.00 million (US\$ 24,691) is expected to be received as interest on fixed deposits (FDs) with the bank under the head 'Interest on fixed deposits'.

**48. Other Receipts:** An amount of ₹ 3.28 million (US\$ 40,544) is likely to be received in this year which is mainly on account of a refund from the income tax department and foreign exchange fluctuation income. The nominal amount is proposed under other miscellaneous receipts like bank saving account interest, etc.

## EXPENDITURE

**49. The compensation package for Secretary-General:** An amount of ₹ 5.14 million (US\$ 63,457) is estimated for payment to Secretary General.

**50. Salary of staff:** Central Office is operating with 12 staff members during the FY 2023-24. An amount of ₹ 26.71 million (US\$ 329,743) is budgeted for staff salary for the FY 2023-2024. The budget provision also includes provision for career progression scheme (CPS), performance incentive etc. An increase of about six percent is assumed due to the anticipated pay increments etc.

**51. Superannuation relief to retired employees:** ICID Central Office is giving superannuation relief to its retired employees recruited before 16<sup>th</sup> July 1997. The amount budgeted under this head for the FY 2023-2024 is ₹ 4.19 million (US\$ 51,691).

**52. Services and Maintenance:** A provision under the head 'Services and Maintenance' is budgeted as ₹ 6.47 million (US\$ 79,901) which is mainly due to the renewal of annual maintenance contracts of various service providers. This also includes ₹ 2.70 million (US\$ 33,333) to be paid to short-term consultants engaged for specific jobs on a temporary basis, as their professional fee. It may be noted that despite the new activities being undertaken and proposed to be undertaken during the next financial year, the work is being accomplished through the existing staff and partly by hiring the services of consultants on a temporary basis. The budget provision also includes a small provision for administration, communications and staff welfare activities. A major portion of the budget in the heads of legal and architect services for redevelopment proposal of ICID CO building and hired services related to security etc.

**53. Taxes and Utilities:** A provision of ₹ 32.30 million (US\$ 398,765) is proposed for the year 2023-24. This includes an allocation of ₹ 2.00 million (US\$ 24,691) towards payment to Land & Development Office (L&DO). A provision of ₹ 30.00 million (US\$ 370,370) is made towards the payment of property tax.

**54. Rehabilitation, Refurbishing, and Maintenance of ICID CO Building:** A provision of ₹ 1.25 million (US\$ 15,432) has been made towards this head which includes only the sub head 'Maintenance of ICID Central Building Expenses'.

**55. Publication, Knowledge Management, and Dissemination:** A sum of ₹ 4.59 million (US\$ 56,691) is budgeted under this head. This comprises with provision of a major portion of ₹ 03.03 million (US\$ 37,407) towards the purchase of copies of the ICID Journal from the publisher, M/s Wiley-Blackwell (UK). This also includes provision for Software Expenses and Website maintenance of ₹ 0.70 million (US\$ 8,642). Hence, the ICID is adopting cutting-edge technology in information technology. This also includes small provision for publication of work bodies and library expenses.

**56. Conference Expenditure:** An allocation of ₹ 0.90 million (US\$ 11,111) has been made for estimated expenditure towards arrangements for 14th International Drainage Workshop, Sushanbe, Tajikistan, May 2024, 74 IEC and 25 Congress in Visakhapatnam, India, November 2023 and Middle East Regional Conference in Saudi Arabia, February 2024 and preparation of plaques and accordingly budgeted under respective heads for the financial year 2023-2024.

**57. Cooperation with Other Organizations:** a token provision of ₹ 0.07 million (US\$ 916) has been made during this financial year for World Water System Heritage Programme and WWC membership.

**58. Travel Expenditure:** A revised provision of ₹ 0.80 million (US\$ 9,877) has been made in view of travel both within India as well as abroad to attend the international meetings by Secretary-General and other professional staff of CO for the year 2023-2024.

**59. Fixed Assets:** A provision of ₹ 0.34 million (US\$ 4,198) has been made to cover anticipated expenditure in respect of purchase of furniture and fixtures, IT hardware, etc.

**60. Workshops, Training and Studies:** An amount of ₹ 0.35 million (US\$ 4,321) has been provided under this head, out of which ₹ 0.05 million (US\$ 617) has been provided towards the organization of various workshops and staff participation in workshops and training, the provision also includes towards ICID Foundation Day functions and undertake some specific studies.

**61. Other Expenditure:** An amount of ₹ 0.34 million (US\$ 4,198) has been provided for this financial year. Essentially, the major cost is under subheads EPF ICID Trust Dissolution. This is an amount based on ICID earlier experience and includes bank charges for foreign exchange etc.

**PFC Agenda Item 8.2: Budget proposal for FY 2024-25; preliminary budget for FY 2025-26 and budget forecast for FY 2026-27**

62. The budget proposal for FY 2024-25; preliminary budget for FY 2025-26 and budget forecast for FY 2026-27 has been estimated as shown in **Annex 2**.

**RECEIPTS**

**63. Membership subscription:** During the years 2024-2025, 2025-2026 and 2026-2027 considering 6.5% increase in subscription have been estimated as ₹24.98 million (US\$ 308,333), ₹20.69 million (US\$ 255,383), and ₹20.79 million (US\$ 256,617) respectively.

**64. Sale of Publications:** An amount of ₹1.21 million (US\$ 14,901), ₹1.27 million (US\$ 15,630) and ₹1.33 million (US\$ 16,395), have been estimated for the year 2024-2025, 2025-2026 and 2026-2027 respectively. Basically, these are projected to be received from M/s Wiley-Blackwell as royalty from sale of publications for all three years, based on the projections and the agreement (2019-25) with M/s Wiley-Blackwell.

**65. Special Contribution to ICID Budget:** During FY 2024-2025, an amount of ₹ 6.43 million (US\$ 79,321) is expected to be received as ICID share of registration fees from the 74<sup>th</sup> IEC and 25<sup>th</sup> Congress in Vishakhapatnam, India, November 2023, Middle East Regional Conference in Saudi Arabia, February 2024 and 75<sup>th</sup> IEC and 9<sup>th</sup> Asian Regional Conference in Sydney, Australia, September 2024.

66. During the FY 2025-2026, ₹ 15.00 million (US\$ 185,185) is expected to be received as ICID share from the 76<sup>th</sup> IEC and 4<sup>th</sup> WIF in Kuala Lumpur, Malaysia, September 2025.

67. During the FY 2026-2027, receipts as ICID share from registration fee under the head of special contribution to ICID budget from the 77<sup>th</sup> IEC and 26<sup>th</sup> Congress in Marseille, France, October 2026 and 78<sup>th</sup> IEC and 5<sup>th</sup> WIF, Beijing, China, 2027 is expected to be ₹ 13.00 million (US\$ 160,494).

**68. Interest on Fixed Deposits:** It is estimated that interest from fixed deposit from funds parked in Canara Bank would be about ₹ 2.50 million (US\$ 30,864) for the financial years 2024-25, ₹ 3.00 million (US\$ 37,037) for the FY 2025-26 and ₹ 3.50 million (US\$ 43,210) for the FY 2026-27, which is higher as compared to year 2024-25 and 2025-26 as rent is expected to be increased from the new tenant.

**69. Other Receipts:** An amount of ₹ 0.80 million (US\$ 9,881) for the Finance Year 2024-25 is likely to be received under this head which is mainly on account of receipt from Income Tax Refund. For both the FYs 2025-2026 & 2026-2027, a sum of ₹ 0.57 million (US\$ 6,975) for each year is expected to be received.

**69. Rent from Let-out of Office space:** Rent from new tenant is likely to be received as ₹ 17.55 million (US\$ 2,16,667) for the FY 2025-2026 and ₹ 70.20 million (US\$ 866,667) for the FY 2026-2027.

**EXPENDITURE**

**70. Compensation package for Secretary General:** The sums of ₹ 5.45 million (US\$ 67,259), ₹ 5.78 million (US\$ 71,296) and ₹ 6.12 million (US\$ 75,580) are estimated towards payment to Secretary General for the FYs 2024-2025, 2025-2026 and 2026-2027 respectively. The provision includes possibility of increment in Dearness Allowance due to inflation.

**71. Salaries and Allowances:** The sums of ₹ 28.12 million (US\$ 347,182), ₹ 33.33 million (US\$ 411,472) and ₹ 33.53 million (US\$ 413,929) are projected under this head for the 2024-2025, 2025-2026 and 2026-2027, respectively. The provision includes possible increase due to annual increment and increase in Dearness Allowance due to inflation.

**72. Superannuation relief to retired employees:** ICID Central Office is giving superannuation relief to its retired employees who joined before 16th July 1997. The amounts budgeted under this head for the FYs 2023-2024, 2024-2025 and 2025-2026 are ₹ 4.44 million (US\$ 54,790) ₹ 4.70 million (US\$ 58,074) and ₹ 4.99 million (US\$ 61,556) respectively.

**73. Services and Maintenances:** The sums of ₹ 5.05 million (US\$ 62,333), ₹ 5.74 million (US\$ 70,840) and ₹ 6.54 million (US\$ 80,765) have been provided for FYs 2024-2025, 2025-2026 and 2026-2027, respectively towards building maintenance, stationary purchases, outsourcing of watch and ward services; horticultural services, equipment, fees to legal advisor/auditors, maintenance of vehicles, telephones and postage, executive expenses, annual maintenance of equipment, short-term consultants engaged for specific jobs on a temporary basis and professional fees of the auditors.

**74. Taxes and Utilities:** Proposed budgeted amount under this head are ₹ 2.00 million (US\$ 24,691), ₹ 9.39 million (US\$ 115,969) and ₹ 29.70 million (US\$ 366,714) for the FYs 2027-2025, 2025-2026 and 2026-2027, respectively encompassing towards property tax, L&DO payment and electricity and water charges.

**75. Rehabilitation, Refurbishing and Maintenance:** A sum of ₹ 0.45 million (US\$ 5,556), ₹ 0.30 million (US\$ 3,703) and ₹ 0.20 million (US\$ 2,469) are budgeted for the year under this head for each FYs 2024-2025, 2025-2026 and 2026-2027 respectively, mainly for maintenance of ICID CO building.

**76. Publication, Knowledge Management and Dissemination:** Proposing budgeted amounts for payments under this head are ₹ 5.08 million (US\$ 62,716), ₹ 5.27 million (US\$ 65,012) and ₹ 5.64 million (US\$ 69,654) for the FYs 2024-2025, 2025-2026 and 2026-2027 respectively, in that order. Under this head, key provision of about ₹ 3.34 million (US\$ 41,280) on an average, has been made for the guaranteed payment towards subscription to M/s Wiley & Blackwell (UK) towards ICID Journal. These provisions are estimated to surge as the number of ICID Journal subscriptions are likely to increase in proportion with the rise in direct membership and young professionals.

77. The budgetary provisions of about ₹ 1.06 million (US\$ 13,086) have been made in respect of website upgradation, purchasing software (SaaS or Cloud Version), etc.

**78. Conference Expenditure:** A sum of ₹ 3.21 million (US\$ 39,630) is budgeted to be spent in FY 2024- 2025 for 75<sup>th</sup> IEC and 9<sup>th</sup> Asian Regional Conference in Sydney, Australia, September 2024 and 76<sup>th</sup> IEC and 4<sup>th</sup> WIF in Kuala Lumpur, Malaysia, September 2025 including ₹ 0.21 million (US\$ 2,593) for preparation of new plaque for HIS.

79. The provision of ₹ 2.41 million (US\$ 29,753) has been made in FY 2025-2026 for 76 IEC and 4 WIF in Kuala Lumpur, Malaysia, September 2025 and 77 IEC and 26<sup>th</sup> Congress in Marseille, France, October 2026 including ₹ 0.21 million (US\$ 2,593) for preparation of plaque for HIS. The provision of ₹ 0.22 million (US\$ 2,716) has been made in FY 2026-2027 only for preparation of plaque for HIS.

**80. Cooperation with other Organizations:** A provision of ₹ 0.07 million (US\$ 916) has been made under this head for the both FY 2024-25 and FY 2025-26 covering expenses for WSH programme and WWC membership fee and a provision of ₹ 0.05 million (US\$ 617) has been made under this head for FYs 2026-27 covering expenses for WSH programme.

**81. Travel Expenditure:** An identical amount of ₹ 0.70 million (US\$ 8,642) is budgeted in FY 2024-2025, 2025-2026 and 2026-2027 towards travel arrangements for meetings in India and abroad.

**82. Fixed Assets:** A provision of ₹ 0.34 million (US\$ 4,198) has been made under this head for the 2024-2025. A sum of ₹ 0.34 million (US\$ 4,198) and ₹ 0.34 million (US\$ 4,198) are proposed for the FYs 2025-2026 and 2026-2027 respectively which includes payment of furniture and fixture, computer hardware and required assorted assets used at ICID Central Office.

**83. Workshops, Trainings and Studies:** A provision of ₹ 0.35 million (US\$ 4,321) has been proposed for each FYs 2024-2025, 2025-2026 and 2026-2027 under this head. This amount would be utilized mainly for organization of various workshops and trainings mostly for young professionals including their travel, Regional and National Level Activities, undertaking specific studies, staff training and participation in seminars and workshops, ICID Foundation Day, etc. including work related to Multilingual Technical Dictionary (MTD).

**84. Other Expenditure:** A provision of ₹ 0.14 million (US\$ 1,728) is made under this head for each FYs 2024-2025, 2025-2026 and 2026-2027 covering expenses in respect of bank charges and Miscellaneous Expenses.

### **PFC Agenda Item 8.3: Internal Transfers**

85. ICID is maintaining a Gratuity Fund and Leave Encashment Fund treated in the Liability side of the Balance Sheet for many years even in the course of the deficit years. Provision for Gratuity and Leave Encashment has been updated as per the applicable provisions of the relevant Acts under the Constitution of India. The amount had been transferred and updated to these Gratuity Fund and Leave Encashment Fund during the financial year 2022-2023. For this purpose, an amount of ₹ 0.66 million (US\$ 8,180) was transferred from General Fund & Leave Encashment Fund including interest earned from respective Fixed Deposits to Leave Encashment Fund and Gratuity Fund to maintain balance as per the Indian Labour Law. Even so, it is also essential to be ensured that the liability is on a regular basis transferred to the Fund with the purpose of avoiding any default on the compliance and due diligence of staff social security.

**PFC Agenda Item 9: Status of redevelopment of ICID existing building.**

86. The committee may note that ICID Central Office premises were vacated by Yes Bank Ltd in June 2021, prompting an intensive campaign. Despite efforts to find a suitable tenant, the Covid-19 pandemic has made it difficult to find a suitable tenant. The vacant premises have impacted ICID finances and reserve funds, as rental income is a major contributor to the company's annual budgets, making revenues from other sources inadequate to meet basic expenditures. ICID has secured a proposal from M/s Bharati Enterprises Limited to redevelop and rebuild the property at its premises, leveraging the increased Floor Area Ratio. The company plans to fund the redevelopment process with subsidized rentals, ensuring long-term revenue and servicing the entire redevelopment expenditure.

87. Combined (Virtual) Meetings of Management Board (MB), Permanent Finance Committee (PFC) & Invited Past Office-Bearers (OBs) was organised on 13 January 2023 to discuss the proposal of Redevelopment of ICID Building for Financial Sustainability. During the meetings Er. Ashwin B. Pandya, SG, ICID and Member-Secretary of MB and PFC made a presentation on the redevelopment proposal received from M/s Bharti. After detailed deliberations on various aspects of the redevelopment proposal and its terms and conditions, the members unanimously supported the redevelopment project of the ICID Central Office building.

88. A Special Meeting of the International Executive Council (IEC) on Redevelopment of ICID Building for Financial Sustainability was held on 27 March 2023 at 14:30 hrs through virtual mode and all the National Committees / Committee, Office Bearers (present & past) and Chairman of Permanent Committees were invited through e-mail dated 17 March 2023 for their participation and input. IEC also approved the proposal for redevelopment of ICID CO building with the support of M/s Bharti Enterprises. The Central Office has approached the Land and Development Officer of the Ministry of Housing and Urban Affairs, of the Government of India to seek permission for the redevelopment of ICID CO building and to lease out the permissible space to M/s Bharti Enterprises, post completion of the new building. Detailed note on the proposal is annexed as annexure \_\_\_\_\_ in IEC Agenda. Secretary General, ICID will provide further updated during the meeting.

**PFC Agenda Item 10: Surplus/Deficit and Cash Reserves**

89. Taking into consideration the total Receipts of ₹ 30.19 million (US\$ 372,717) and Expenditure of ₹ 83.45 million (US\$ 1,030,301), a shortfall of ₹ 53.26 million (US\$ 657,584) is projected for the FY 2023-2024 and shortfall of a sum of ₹ 19.49 million (US\$ 240,661) and ₹ 10.45 million (US\$ 129,048) are anticipated in the FYs 2024-2025 and 2025-2026 respectively due to not receive the rent and on the contrary a surplus of ₹ 20.85 million (US\$ 257,468) is anticipated in the FYs 2026-27 due to expected renting of vacant premises from September 2025 and receipt of share of registration fee from ICID events.

90. The total cash reserve is only ₹ 18.79 million (US\$ 231,978), which is about 22.52% of the annual expenditure budget for FY 2023-24 as compared to the previous year cash reserve of ₹ 44.00 million (US\$ 586,675) which was about 60.76% of the annual expenditure budget for 2022-23. Meanwhile, there are large deviations in the yearly revenues attributable to rent, tricyclic nature of events and consequent revenues. It is therefore recommended that after meeting all the liabilities, the cash reserve may be allowed to be built up at least equal to an annual budgeted expenditure.

**PFC Agenda Item 11: Revision of membership subscription from 1<sup>st</sup> January 2024.**

91. As per the minutes of the 73<sup>rd</sup> IEC Meeting, the PFC observed that the Council in its 68th meeting held on 14<sup>th</sup> October at Mexico City, Mexico endorsed the PFC recommendation of revising the 1991 formulae being used at that time as given below. IEC also approved that the annual subscriptions rates shall be recalculated every three years during the meeting of IEC in a Congress year by taking into account cumulative inflation factor.

92. The approved revised formulae effective from 01st January 2018 is as given below:

$$S (2017) = \{1515 + \text{UNC} + 1900 A^{**0.35}\} \times \{\text{InF}\} \dots \{\text{for NC with } A > 9.35 \text{ M}\}$$

$$S (2017) = \{1515 + \text{UNC} + 1360 A^{**0.5}\} \times \{\text{InF}\} \dots \{\text{for NC with } A < 9.35 \text{ M}\}$$

Where,

- (i) S (2017) is the subscription in US \$;
- (ii) UNC, for countries paying UN contribution
  - < 0.30 per cent: UNC = 0.
  - > 0.3 per cent but < 0.6 per cent: UNC = US \$ 725

> 0.6 per cent but < 1.5 per cent: UNC = US \$ 1450

> 1.5 per cent but 3.00 per cent: UNC = US \$ 2900

(iii) A is the Weighted Benefitted Area calculated as follows:

Weighted Benefit area= IA + (0.5)\* DA..... if IA>DA

Weighted Benefit area= DA + (0.5)\* IA..... if DA>IA and Irrigated Area (IA);

Drainage Area (DA)

(iv) In F is the cumulative Inflation Factor for three years as obtained from the IMF DATA

93. annual subscription was to be revised based on cumulative three years inflation factor (InF) in 2020. From IMF data average inflation factor of the world for three years 2018, 2019 and 2020 were 3.6%, 3.5%, and 3.2% making total of 10.3% rounded to 10% for three years. So annual subscription amount was to be increased on an average by 6.5% for each active national committee w.e.f. 01st January 2021 after taking the inflation factor into consideration in the subscription formulae. However, considering the COVID–19 Pandemic situation and problems faced by different NCs, 71st IEC based on recommendations of PFC approved to defer increase in annual subscription by a year, i.e. till 1 January 2022. Again, on the recommendation of PFC, 72nd IEC approved postponing this increase in annual membership subscription by one more year till 01 January 2023 keeping in view the COVID19 pandemic during 2021, as a special case.

94. The committee may note that In view of improved COVID-19 situation which is now under control but the recovery process is still on and in order to increase revenue of ICID, the issue of increase of annual subscription was discussed in detail in PFC meeting during Adelaide meeting. After deliberation, PFC recommend to IEC to increase subscription rate by 6.5% from the year 2024, which was subsequently approved by 73rd IEC in its meeting held on 10 October 2022 vide Resolution-1/73.

#### **PFC Agenda Item 12: Setting up a Task Force to look Financial Sustainability of ICID**

95. As per the minutes of the 73<sup>rd</sup> IEC Meeting, the First Virtual MB (1/22) held in May 2022 took note of the Resolution IEC-1/72 adopted by the 72nd International Executive Council (IEC) meetings held on 15-16 December 2021 regarding the setting up a subcommittee comprising of Chairman PFC, other present and past office bearers with Secretary General to go into the current financial status and to develop a set of alternative strategies for dealing with the loss of revenue from vacation of rented premises and suggest a Plan B. PFC observed that MB was of the view that committee may be setup once new tenant is in place as it will provide complete picture of ICID financial aspects. This issue was discussed also during Special PFC meeting held on 23 August 2022. PFC chair suggested that instead of Sub-committee, a Task Team may be setup to look into all aspects related to overall sustainability of ICID including financial issues.

96. As addressed in the Combined (Virtual) Meeting of the Management Board (MB), Permanent Finance Committee (PFC), and Invited Past Office-Bearers (OBs) held on January 13, 2023, the formation of a task team was postponed in light of the redevelopment plan. Associate this item to the redevelopment proposal.

#### **PFC Agenda Item 13: Any other business**

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## INDEPENDENT AUDITOR'S REPORT

**Tarun Kandhari & Co LLP**  
**Chartered Accountants (Registered)**

To

The Members of the International Executive Council  
International Commission on Irrigation and Drainage (ICID-CIID)  
New Delhi

### Report on Financial Statements

We have audited the accompanying financial statements of **International Commission on Irrigation and Drainage (ICID-CIID) ("the society"- PAN AAAAI1084P)**, which comprise the Balance Sheet as at 31<sup>st</sup> March 2023, Income & Expenditure, Receipt and Payment for the year then ended and other explanatory information.

### Management Responsibility for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position, financial performance and receipt and payments, of the society in accordance with accounting principles generally accepted in India for Not-for-Profit Organizations.

This responsibility includes the design, implementation, and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

### Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Society's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by the management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### Opinion

Further we report that, in our opinion and to the best of our information and according to the explanations given to us, the financial statements give the information required by the Act in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India.

1. In the case of Balance Sheet, of the state of affairs of the Society as at March 31, 2022; and
2. In the case of Income and Expenditure Account, of the excess of Expenditure over income for the year ended on that date; and
3. And in case of the Receipts and Payments Account, of the Receipts and Payments for the year ended on that date, we report that:

- (a) We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
- (b) In our opinion proper books of accounts as required by law have been kept by the ICID, so far as appears from our examination of those books.
- (c) The Balance Sheet, Income and Expenditure Account, and Receipt and Payment account dealt with by this report are in agreement with the books of account.
- (d) In our opinion, the Balance Sheet, Income and Expenditure account, comply with the relevant Accounting Standards.

Place: New Delhi  
Date: 03<sup>rd</sup> July 2023

For **Tarun Kandhari & Co LLP**  
Chartered Accountants  
**FRN: 0061108C/N500042**

Sd/-  
Doel Khemka  
Partner  
Membership No. 301033  
UDIN – 23301033BGSYDP4273

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE  
BALANCE SHEET AS ON 31ST MARCH 2023**

PARTICULARS		<u>2022-23</u>	<u>2021-22</u>
		<u>Amount INR</u>	<u>Amount INR</u>
<b><u>Assets</u></b>			
Property & Equipment	1	78,79,771	94,89,010
Receivables	2	2,63,64,916	3,41,54,335
Bank Balances & Cash in Hand	3	4,07,63,784	6,61,04,740
<b>Total Assets</b>		<b>7,50,08,471</b>	<b>10,97,48,085</b>
<b><u>Liabilities</u></b>			
Gulhati Memorial Lecture Fund	4	4,53,559	4,30,235
General Fund	5	1,87,03,358	6,29,64,320
Gratuity Fund	6	1,16,31,292	1,17,84,849
Leave Encashment Fund	7	85,90,295	90,99,308
Corpus Fund-WID Prizes	8	31,58,284	29,92,489
Support to African (AFYPF) - YP Training		4,91,167	10,74,232
Security Deposits Payable	9	1,40,07,404	40,07,404
Unrealized Subscription	10	1,40,81,345	1,39,31,869
Sundry Creditors, Payables & Provisions	11	38,61,921	29,93,110
Duties & Taxes Payable	12	29,846	4,70,269
<b>Total Liabilities</b>		<b>7,50,08,471</b>	<b>10,97,48,085</b>

As per our separate Report of even date attached  
For Tarun Kandhari & Co LLP  
Chartered Accountants  
Firm Registration No. 006108C/N500042

For and on behalf of  
International Commission on Irrigation and Drainage

-sd-  
Doel Khemka  
Partner  
Membership No. 301033

-sd-  
Balasaheb Anantrao Chivate  
Director (Technical)

-sd-  
Ashwin Kumar Balvantray  
Pandya  
Secretary General

Place : New Delhi  
Dated: 03/07/2023

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE  
INCOME AND EXPENDITURE ACCOUNT  
FOR THE YEAR FROM 1ST APRIL 2022 TO 31ST MARCH 2023**

PARTICULARS		2022-23 Amount INR	2021-22 Amount INR
<b>Income</b>			
Membership & Subscriptions	13	1,89,12,720	2,01,15,276
Sale of Publication	14	12,13,832	12,12,913
Special Contribution to the Budget	15	47,40,235	-
Interest on Fixed Deposits & Saving Bank Accounts	16	24,80,141	41,55,770
Other Incomes	17	15,80,616	12,85,866
Rent and Provision of Services on Let Out Property		-	1,05,80,306
Special Subscriptions	18	4,12,700	3,79,013
<b>Total</b>		<b>2,93,40,244</b>	<b>3,77,29,144</b>
<b>Expenditure</b>			
Compensation for Secretary General	19	49,37,100	46,34,100
Salaries & Allowances	20	3,19,80,495	3,08,37,758
Superannuation Relief to Retd. Employees		46,46,815	46,49,290
Service & Maintenance	21	68,57,555	64,81,005
Taxes and Utilities	22	65,35,745	27,50,424
Rehabilitation or Refurbishing and Maintenance of ICID Center Office Building	23	1,72,955	13,63,345
Publication, Knowledge Management and Dissemination	24	43,09,194	47,07,398
Conference Expenditure	25	12,59,818	2,50,191
Cooperation with Other Organization		-	22,184
Travel Expenditure	26	6,67,263	16,56,137
Depreciation on Fixed Assets	1	10,89,711	12,89,820
Workshop, Training and Studies	27	7,13,293	9,37,883
Other Expenditure	28	1,10,93,831	23,13,561
<b>Excess of Income/Expenditure over Expenditure/Income</b>		<b>(4,49,23,532)</b>	<b>(2,41,63,951)</b>
<b>Total</b>		<b>2,93,40,243</b>	<b>3,77,29,144</b>

As per our separate Report of even date attached  
For Tarun Kandhari & Co LLP  
Chartered Accountants  
Firm Registration No. 006108C/N500042

For and on behalf of  
International Commission on Irrigation and Drainage

-sd-  
Doel Khemka  
Partner  
Membership No. 301033

-sd-  
Balasaheb Anantrao Chivate  
Director (Technical)

-sd-  
Ashwin Kumar Balvantray  
Pandya  
Secretary General

Place : New Delhi  
Dated: 03/07/2023

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE  
RECEIPT AND PAYMENT ACCOUNT  
FOR THE YEAR FROM 1ST APRIL 2022 TO 31ST MARCH 2023**

PARTICULARS		2022-23	2021-22
		Amount INR	Amount INR
<b>RECEIPTS</b>			
Cash & Banks (Balance Brought Forward)	29	6,61,04,740	10,68,23,971
Membership Subscriptions	30	1,76,62,914	1,54,18,323
Sale of Publications	31	12,14,147	12,13,652
Special Contribution to the Budget	32	47,40,235	-
Interest on Fixed Deposits	33	19,29,257	42,13,545
Special Subscription		4,12,700	3,79,013
Other Receipts	34	1,09,80,786	6,93,627
Rent and Provision of Services on Let Out Property		-	95,22,274
Income Tax Refund	35	10,97,466	4,18,654
<b>TOTAL</b>		<b>10,41,42,245</b>	<b>13,86,83,059</b>
<b>PAYMENTS</b>			
Compensation package for Secretary General		49,37,100	46,34,100
Salaries and Allowances	36	3,24,66,933	2,89,49,860
Superannuation Relief to Retired Employees		46,46,815	46,49,290
Services & Maintenances	37	59,10,488	61,04,434
Taxes and Utilities	38	66,05,255	39,90,194
Rehabilitation or Refurbishing and Maintenance Of ICID CO Building	39	1,72,955	13,63,345
Publications, Knowledge Management and Disseminations	40	47,62,752	44,50,511
Conference Expenditure	41	12,59,818	2,50,191
Travel Expenditure	42	6,67,263	16,56,137
Workshops, Trainings and Studies	43	7,58,599	10,03,621
Purchase of Fixed Assets	44	4,05,398	10,37,092
Other Payments	45	7,85,085	1,44,89,544
Cash & Banks (Balance Carry Forward)	29	4,07,63,784	6,61,04,740
<b>TOTAL</b>		<b>10,41,42,245</b>	<b>13,86,83,059</b>

As per our separate Report of even date attached  
For Tarun Kandhari & Co LLP  
Chartered Accountants  
Firm Registration No. 006108C/N500042

For and on behalf of  
International Commission on Irrigation and Drainage

-sd-  
Doel Khemka  
Partner  
Membership No. 301033

-sd-  
Balasaheb Anantrao Chivate  
Director (Technical)

-sd-  
Ashwin Kumar Balvantray  
Pandya  
Secretary General

Place : New Delhi  
Dated: 03/07/2023

**SUMMARY OF APPROVED BUDGET 2022-2023, ACTUAL RECEIPTS/ EXPENDITURE 2022-2023, PROPOSED REVISED BUDGET 2023-2024 AND PROPOSED BUDGETS 2024-2025, PRELIMINARY BUDGET 2025-2026 AND FORECAST BUDGET 2026-2027**

	Approved Revised Budget 2022-2023	Actual Receipts/ Expenditure 2022-2023	Approved Budget 2023-2024	Proposed Revised Budget 2023-2024	Proposed Budget 2024-2025	Proposed Preliminary Budget 2025-2026	Proposed Forecast Budget 2026-2027
	₹	₹	₹	₹	₹	₹	₹
<b>I RECEIPTS</b>							
1. Membership Subscriptions	2,74,50,038	1,80,75,614	2,87,60,598	2,36,80,000	2,49,75,000	2,06,86,000	2,07,86,000
2. Sale of Publications	12,69,000	12,14,147	13,30,950	11,51,000	12,07,000	12,66,000	13,28,000
3. Special Contribution to ICID Budget	1,89,22,000	47,40,235	81,99,875	75,000	64,25,000	1,50,00,000	1,30,00,000
4. Interest on Fixed Deposits	15,00,000	19,29,257	0	20,00,000	25,00,000	30,00,000	35,00,000
5. Other Receipts	15,01,934	20,78,252	14,52,163	32,84,097	8,00,366	5,65,000	5,65,000
6. Rent and Maintenance Charges	2,60,00,000	-	4,80,00,000	-	-	1,75,50,000	7,02,00,000
<b>TOTAL RECEIPTS</b>	<b>7,66,42,972</b>	<b>2,80,37,505</b>	<b>8,77,43,586</b>	<b>3,01,90,097</b>	<b>3,59,07,366</b>	<b>5,80,67,000</b>	<b>10,93,79,000</b>
<b>II EXPENDITURE</b>							
1. Compensation Package for Secretary General	49,72,500	49,37,100	53,02,500	51,40,000	54,48,000	57,75,000	61,22,000
2. Salaries and Allowances	3,21,76,521	3,19,80,495	3,19,93,500	2,67,09,212	2,81,21,712	3,33,29,232	3,35,28,222
3. Superannuation Relief to Retired Employees	53,16,261	46,46,815	57,16,261	41,87,000	44,38,000	47,04,000	49,86,000
4. Service & Maintenance	1,12,05,090	68,57,555	69,52,000	64,72,000	50,49,000	57,38,000	65,42,000
5. Taxes & Utilities	1,06,04,133	65,35,745	1,83,60,000	3,23,00,000	20,00,000	93,93,500	2,97,03,840
6. Rehabilitation, Refurbishing and Maintenance of ICID CO Building	6,50,000	1,72,955	8,00,000	12,50,000	4,50,000	3,00,000	2,00,000
7. Publication, Knowledge Management and Dissemination	45,42,125	43,09,194	51,69,000	45,92,000	50,80,000	52,66,000	56,42,000
8. Conference Expenditure	39,50,000	12,59,818	14,00,000	9,00,000	32,10,000	24,10,000	2,20,000
9. Cooperation with Other Organisations	80,000	-	50,000	74,191	74,191	74,190	50,000
10. Travel Expenditure	11,00,000	6,67,263	11,00,000	8,00,000	7,00,000	7,00,000	7,00,000
11. Fixed Assets	3,50,000	4,05,398	5,40,000	3,40,000	3,40,000	3,40,000	3,40,000
12. Workshops, Training and Studies	6,64,510	7,12,913	15,50,000	3,50,000	3,50,000	3,50,000	3,50,000
13. Other Expenditure	12,10,000	1,10,93,831	9,15,000	3,40,000	1,40,000	1,40,000	1,40,000
<b>TOTAL EXPENDITURE</b>	<b>7,68,21,140</b>	<b>7,35,79,082</b>	<b>7,98,48,261</b>	<b>8,34,54,403</b>	<b>5,54,00,903</b>	<b>6,85,19,922</b>	<b>8,85,24,062</b>
<b>Surplus/(Deficit)</b>	<b>-1,78,168</b>	<b>-4,55,41,577</b>	<b>78,95,325</b>	<b>-5,32,64,306</b>	<b>-1,94,93,537</b>	<b>-1,04,52,922</b>	<b>2,08,54,938</b>

\* A Conversion rate of US\$ 1 = 81 as to be approved in 74th IEC

**AGENDA FOR THE 34<sup>TH</sup> MEETING OF THE  
PERMANENT COMMITTEE ON STRATEGY AND ORGANIZATION (PCSO)**

06 November 2023, 14.00-17.30 hours  
Visakhapatnam, Andhra Pradesh State, India

**Mandate:** The Permanent Committee on Strategy and Organization (PCSO) shall be concerned with increasing the number of member countries and assisting the National Committees to become more active in their own countries to achieve the goals set for them from time to time by the Council. The Committee will also coordinate the activities of Vice Presidents (Resolution IEC-3/66)

Members: (1) Vice President Hon. Dr. Mochammad Amron (Indonesia, 2019); (2) Vice President Hon. Dr. Hesham Mostafa Mohamed Ali (Egypt, 2019); (3) Vice President Hon. H.E. Dr. Shavkat Rakhimovich Khamraev (Uzbekistan, 2019); (4) Vice President Dr. Jin-Yong, Choi (South Korea, 2020); (5) Vice President Dato' Ir. Nor Hisham bin Mohd Ghazali (Malaysia, 2020); (6) Vice President Eng. Rafat Nael Al-Intaki (Iraq, 2020); (7) Vice President Prof. Dr. Tsugihiko Watanabe (Japan, 2021); (8) Vice President Er. Aziz Fertahi (Morocco, 2021); (9) Vice President Er. Ali Reza Salamat (Iran, 2021); (10) Vice President Mr. Bruno Grawitz (France, 2022); (11) Vice President Prof. Dr. Sylvester Mpandeli (South Africa, 2022); (12) Vice President Mr. Kushvinder Vohra (India, 2022); (13) Eng. Ms. Aya Mohammed Hassan Ali Elkholy, IYPEF Coordinator (Egypt, 2021) and (14) Er. Ashwin B. Pandya, Secretary General, ICID.

**Permanent Observers:** (i) FAO representative; (ii) World Bank representative; (iii) GWP representative; and (iv) WWC representative.

**Ex-Officio Members:** Chairpersons of all Regional Working Groups and Working Groups/Committees.

**PCSO Agenda Item 1: ATR on the Minutes of the 33<sup>rd</sup> Meeting of PCSO**

1. An Action Taken Report (ATR) on the minutes of the 33<sup>rd</sup> PCSO meeting held on 8 October 2022 is given at **Annex 1**.

**PCSO Agenda Item 2: Membership of PCSO and its Workbodies**

2. As per ICID By-laws 3.9.5 (c), the three newly elected Vice Presidents at Visakhapatnam, India will become members of PCSO by virtue of the Office they are elected to; and three Vice Presidents Honoraire will retire from PCSO membership on completion of their 4-year term at the end of 74<sup>th</sup> meeting of IEC.

3. PCSO will also consider the proposals from the Chairpersons of various workbodies associated with it, for any changes in their membership

**PCSO Agenda Item 3: Membership of ICID**

**PCSO Agenda Item 3.1: Status of ICID Memberships and Reactivation of Associate Members**

4. An updated list of ICID Network countries as on 01 September 2023 is given in **Annex 2, page 63**. The statement below summarizes the region-wise membership status:

Region	Active	Associate Members	Total
Africa	10	09	19
Americas	03	04	07
Asia and Oceania	22	06	28
Europe	13	14	27
<b>Total</b>	<b>48</b>	<b>33</b>	<b>81</b>

5. The letters for reactivation of membership of Associate Members as well as new members have been sent regularly to the Ministers of Water Resources/Agriculture as well as Embassies/High Commissions located in Delhi.

6. Besides, the Central Office has been vigorously pursuing the membership drive undertaken as per the counsel of President Prof. Dr. Ragab Ragab, by approaching associate member countries as well as to new countries for reactivating their membership and inviting for new membership, respectively. So far, 48 new countries and 33 associate members of ICID, who had been admitted provisionally in earlier IEC meetings, but are yet to formalize their memberships by way of remitting the membership subscription, have been approached. It is expected that these countries will be brought into ICID fraternity soon.
7. Vide Resolution IEC-1/71, the 71<sup>st</sup> IEC virtual meeting held in 2020 approved the admission of Kenya as a member of ICID from 1 July 2021, subject to payment of subscription for six months for 2021. Vide their communication dated 1 September 2021, the Kenyan NC reaffirmed their commitment to reactivate its membership in ICID and assured that the Irrigation Department at the Ministry of Water, Sanitation and Irrigation would communicate the status of reactivation of their membership at the earliest to ICID Central Office. Subsequently, email dated 16<sup>th</sup> January 2023 sent for membership subscription for the year 2023. However, membership subscription is still awaited.
8. In 2023, ICID Central Office contacted Togolese Republic, Lao PDR, Mauritania, Mozambique, Ethiopia for the activation of their country however, the response is still awaited. Moroccan National Committee (ANAFIDE) has paid the first-year annual membership subscription for the activation of the Niger National Committee in the month of February 2023. Similarly, Zimbabwe Committee on Irrigation and Drainage (ZwCID) paid the first- year annual membership subscription in February 2023. The formation of National Committees in respect of Niger and Lao PDR is awaited.
9. Associate Members have been requested to reinstate the activities within the countries and at the same time renew their membership by paying the subscription fees due. Vice Presidents of the concerned regions have also been requested to use their good offices for reactivation of such NCs. With the active support of Central Office, the Vice Presidents have been in correspondence with countries in their region in order to reactivate or motivate the deemed inactive NCs to again become active members of ICID.
10. Ghana and Senegal were reminded to reactivate their membership in ICID; however, the response is awaited. Received an online application from Dr Mehdi Jourablou on 6 March 2023 towards membership of Azerbaijan. ICID Central Office requested Dr. Mehdi to submit a signed and stamped application duly filled with all the required fields.
11. As a follow-up of reactivation of 'Associate Member's (Inactive National Committees) in Europe, the ICID Central Office contacted the countries of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Germany, Greece, Lithuania, Macedonia, Poland, Serbia, Slovak Republic & Switzerland and requested them to reactivate/ renew their membership by becoming member of ICID once again. In order to bring more European countries into ICID fold, ICID Central Office in April 2023 (as reminder) has approached the countries of Albania, Andorra, Armenia, Belarus, Belgium, Bolivia, Bosnia & Herzegovina, Denmark, Iceland, Kosovo, Latvia, Liechtenstein, Luxembourg, Malta, Moldova, Monaco, Montenegro, Norway, San Marino and requested their Ministry of Water Resources / Agriculture to join the membership of ICID.
12. Dr. Klaus Rottcher (Germany), Direct Member, informed that he would contact the new minister/secretary office in the Ministry of Agriculture for reactivation of German National Committee (GENCID).
13. Dipl.-Ing. Dr. Peter Cepuder (Austria), Direct Member, informed that Austrian National Committee of ICID (AUCID) will rejoin as 'country member' after the approval from the Ministry of Agriculture.
14. Mrs. Charlotte de Fraiture, Chairperson of the Netherlands National Committee of ICID (NETHCID) has communicated that NETHCID would not continue the membership due to financial constraints. Being the President Honorary, Prof. Dr. Bart Schultz has assured that he will get in touch with the concerned authorities in the Ministries for reactivating NCs in the ICID fold.
15. Engr. Tomasz Janczak (Poland) showing their interest for the membership of Poland NC in the ICID fold. Central Office has again requested Engr. Tomasz Janczak for further updates, if any.
16. In order to strengthen the membership in the Americas, ICID Central Office has again contacted 'Associate Members' (Inactive National Committees) in Americas of Argentina, Brazil, Chile, Colombia, Cuba, Republic Dominican, Republic of Ecuador, Guyana, Republic of Honduras, Panama, Peru, Suriname, Uruguay, Venezuela and requested their Ministry of Water Resources/ Agriculture to join the membership of ICID.
17. In November 2022, ICID Central Office has communicated Dr. Everardo Chartuni Mantovani (Brazil), President of Brazilian National Committee of ICID (ABID) regarding INOVAGRI International meetings in September 2023 at Fortaleza – Ceará, Brazil together with the XXXII Brazilian Congress on Irrigation and Drainage (CONIRD). In order to bring the global footprint of ICID and encourage the irrigation and drainage professionals of Latin American countries to join the global activities and set up a 'Side Event' jointly with



Brazilian National Committee during INOVAGRI International meeting. ICID CO has also requested ABID to reactivate their membership in the ICID fold. In response, Engr. Catariny Aleman (Brazil), vide e-mail of 23 January 2023 informed that the Ministry of Agriculture and the Federal Government of Brazil (ABID) will take a decision on the possibility of resuming participation in ICID activities.

18. ICID Central Office had contacted new countries of Anguilla, Bahamas, Barbados, Bermuda, Belize, Bolivia, Costa Rica, El Salvador, Grenada, Guatemala, Guadeloupe, French Guiana, Haiti, Paraguay, Puerto Rico, Trinidad & Tobago, Martinique, Monserrat, Nicaragua, Saint Lucia & Suriname and requested their Ministry of Water Resources/ Agriculture / Embassies in India to join the membership of ICID. Responses are yet to be received.

**PCSO Agenda Item 3.2: Vice Presidents' reports: Strengthening regional cooperation and activities of National Committees**

19. Consequent upon the election of three new Vice Presidents at the 73<sup>rd</sup> IEC meeting held on 3-10 October 2022, the redistribution of the Regions / National Committees amongst the newly elected and current Vice Presidents for the year 2022-23 was effected. The NCs are always encouraged to hold web conference with ICID Central Office or the Vice President in-charge on any issue that they may want to discuss or seek clarification and the Central Office is always facilitating such web meetings. Since last year, new countries approached under the membership drive have been made part of individual VP allocations, in addition to the members for further pursuance by the VPs-in-Charge at the regional level. The VPs may inform about the contribution made in this regard. Some of the collaborative activities are taken up during the year are given below:

20. As part of the training programme, the 5th African Young Professional's Forum (Af-YWPF) was organised (in hybrid mode) from 17-18 October 2022 under the platform of Cairo Water Week (CWW) 2022. The theme of the Forum was 'Smart irrigation water management to mitigate climate change impacts'. Eng. Mohammed Wahba (Egypt), Vice President Hon., ICID and Chairman of AFRWG & WG-CDTE coordinated the sessions. The two-day closed event physically brought together 20 Young Professionals from 12 African countries. About 135 young professionals (YPs) from 36 countries participated online. The Forum was supported by the Ministry of Water Resources and Irrigation of Egypt (MWRI), the United Nations Economic and Social Commission for Western Asia (ESCWA), the Arab Center for the Study of Arid and Drylands (ACSAD) of the League of Arab States, Global Water Partnership Mediterranean (GWP-MED)/ GWP Africa Coordination Unit, International Center for Agricultural Research in the Dry Areas (ICARDA), the Food and Agriculture Organization (FAO) and the International Commission on Irrigation and Drainage (ICID).

21. The Central Water Commission (CWC), India- European Union (EU) Water Partnership (IEWP) Action, Phase 2, and International Commission on Irrigation and Drainage (ICID) are jointly organizing a one-day Young-Professional Training Program (YP-TP) during the 25th International Congress on 05 November 2023 in Visakhapatnam (Vizag), Andhra Pradesh, India. During the 25th Congress, Young Professionals (YPs) will also actively participate and contribute to the IEWP-CWC Side Event and participate in other sessions from 02-04 November 2023. The focus will be on the maximum participation of female YPs.

22. Vice President Prof. Dr. Tsugihiko WATANABE have requested the cooperation of the Mexican officials to resume contact with the Mexican National Committee, which has been inactive and out of touch. However, due to various circumstances, the Mexican National Committee officials were not in touch.

23. Information exchange between ICID and two international organizations on paddy irrigation, mainly in Asia, was promoted for further activation of collaboration between ICID and the two organizations. This was carried out by VP Prof. Dr. Tsugihiko WATANABE and as part of the activities of the ASRWG. It is recognized that the researchers and engineers participating in both organizations are also active in ICID and will contribute to the collaboration between the participating countries and ICID. The secretariats of the two organizations are the Japanese Society of Agricultural and Rural Engineering and the Overseas Land Improvement Technology Office of the Japanese Ministry of Agriculture, Forestry and Fisheries (ICID Japan National Committee Secretariat), respectively.

24. In 2024 the Vice President Prof. Dr. Sylvester Mpanzeli with his strategic partners would organise several workshops across the globe, African continent, Southern Africa and in South Africa.

25. South African National Committee on Irrigation and Drainage (SANCID) hosted the symposium promoting active contribution to the stimulation and promotion of research and the development of technology in irrigation and drainage fields in South Africa. This was achieved by liaising with the Water Research Commission (WRC)'s key strategic area team focusing on water use in agriculture, and initiating and organising the symposium with the assistance and sponsorship of the WRC.

26. The Asia-Pacific Water Summit (APWS) is the summit-level conference for top government leaders in the region, focusing on water issues and sustainable development, which is organized by the Asia-Pacific Water Forum (APWF) and a host country's government. The 4th APWS under the theme "Water for Sustainable Development: Best practices and the next generation" was organized from 23-24 April 2022 in Kumamoto, Japan. The Japanese National Committee of ICID (JNCID) in cooperation with INWEPF and other related organizations hosted several related meetings at the summit and contributed to its success. The Chair of JNCID and a member of the Organizing Committee participated in the overall planning and management of the 4th APWS.

27. The 9th Asian Regional Conference (ARC9) will be held on 01-07 September 2024 in Sydney, Australia. ASRWG took the lead and organized a preparatory virtual meeting on 14 March 2023 among representatives from ASRWG, IACID, and ICID. The IACID has principally agreed with the areas of collaboration of – the development of theme and sub-theme of ARC9 and International Workshops, the program of ARC9, review papers, promoting ARC9, organizing YP Training on "Advances, techniques, and modernization of the irrigation systems", and organize a workshop on 'Australian experiences on modernization'.

**PCSO Agenda Item 3.3: Recommendations of the Direct Membership Administering (DMA) – Sub Committee**

28. The membership process has been provided online in the revamp ICID website and the same has facilitated in promoting direct membership of ICID quiet well. This year, the ICID CO has received the following applications for Direct Membership which have been found to be complete in all respects.

Sl. No.	Name of Applicant	Country	Type of Membership Applied for
1.	Dr. Priju CP	India	Individual (2024)
2.	Dr. Srinivasa Varma Kothapalli	India	Individual (2023)
3.	Eng. Rajesh More	India	Individual (Life Membership)
4.	Prof. Mohammad Alwabel	Saudi Arabia	Individual (2024-2026)

29. In addition, 1. Mr. Manoj Kumar Verma, Individual (India), 2. Ms. Faith Muchembi, Individual (Kenya), 3. Mr. Mirajuddin Noorzada, Individual (Afghanistan), 4. Dr. Javed Hussain, Institution (Pakistan), 5. Mr. Himanshu Tyagi, Individual (India), 6. Mr. Rahul Nandurkar, Individual (India), 7. Eng. Rama Bakir, Individual (Syria), 8. Mr. Gelu Gezimu, Individual (Ethiopia), 9. Mr. Paschal Massay, Individual (Tanzania), 10. Mr. Jihad Alali, Individual (Turkey), 11. Eng. Carlos Rovello Gando, Individual (Ecuador), 12. Mr. Prahlad Patel, Individual (India), 13. Mr. Afzaal Khan, Individual (Pakistan), 14. Mr. Enock Asante Osei, Individual (Ghana), 15. Ms. Mubaraka Alghariani, Individual (Libya), 16. Mr. Ayman Batisha, Individual (Egypt), 17. Mr. Fei Liang, Individual (China), 18. Mr. Aniket Patil, Individual (India), 19. Mr. Hope Wang, Individual (China) 20. Mr. Yunxiu zou, Institution (China), 21. Mr. Umar Mustapha Jime, Individual (Nigeria), 22. Mr. Igho Umukoro, Individual (Nigeria), 23. Ms. Aji Deni HM, Individual (Indonesia), 24. Dr. Goden Mabaya, Individual (Zimbabwe), 25. Mr. Hadi Esmaeili, Individual (Iran), 26. Mr. Zehua Zhu, Individual (China), 27. Mr. Syafiq Shaharuddin, Individual (Malaysia), 28. Dr. Kumar V, Individual (India), 29. Mr. Moussa Konda, Individual (Burkina Faso), and 30. Mr. Jose III Collantes, Individual (Philippines) have also submitted their application for Direct membership and Proforma subscription notifications have been sent to them to remit the membership subscription. PFC may like to approve direct membership of these Individuals, Institutions and Companies subject to payment of membership subscription by them.

30. During the period, India Water Foundation (IWF) renewed their direct membership.

31. The following 29 Direct Members have been active in ICID activities at the time of preparing this agenda notes:

Sl. No.	Name of Direct Member	Country	Category	Duration
1.	M/s WAPCOS Limited	India	Company	3 Yrs.
2.	M/s Electro steel Castings Limited	India	Company	3 Yrs.
3.	M/s Jain Irrigation Systems Ltd.	India	Company	3 Yrs.
4.	India Water Foundation	India	Institution (A)	1 yr
5.	Central Board of Irrigation and Power (CBIP)	India	Institution (A)	3 Yrs.
6.	M/s Rivulis Irrigation India Pvt. Ltd.	India	Company	3 Yrs.

Sl. No.	Name of Direct Member	Country	Category	Duration
7.	M/s Vassar Labs IT Solutions Pvt. Ltd.	India	Company (B)	3 Yrs.
8.	Irrigation Australia Ltd	Australia	Company	Dual
9.	Mr. Y. Abdul Basheer	India	Individual (Retiree)	3 Yrs.
10.	Prof. P.K. Bordoloi	India	Individual	LM
11.	Dr. Ashish Pandey	India	Individual	LM
12.	Prof. Umesh Chandra Chaube	India	Individual (Retiree)	LM
13.	Prof. Lal Bahadur Roy	India	Individual	LM
14.	Mr. Aytekin Turgay	Turkey	Individual	LM
15.	Prof. Dr. Klaus Rottcher	Germany	Individual	LM
16.	Mr. Sajid Ali Bhutto	Pakistan	Individual	3 Yrs.
17.	Mr. Deepak Khare	India	Individual	LM
18.	Prof. (Dr.) Mitthan Lal Kansal	India	Individual	LM
19.	Dr. Ajay Pradhan	India	Individual	LM
20.	Mr. Ashok Hiralalji Karva	India	Individual	LM
21.	Profesor (Mr.) Arun Kumar	India	Individual	LM
22.	Dr. (Mr.) Ahmed E. Elshaikh	Sudan	Individual	LM
23.	Mr. Anton Urfels	Germany	Individual	3 Yrs.
24.	Dr. P.L. Patel	India	Individual	LM
25.	Dr. P.V. Timbadiya	India	Individual	LM
26.	Mr. Aariz Ahmed	India	Individual (YP)	1 Yr.
27.	Mr. Ahmed Abuzeid	Egypt	Individual (YP)	3 Yrs.
28.	Mr. Aloysisu Mubangizi	Uganda	Individual (YP)	3 Yrs.
29.	Mr. Thibaul T. Simon	Combodia	Individual (YP)	3 Yrs.

#### PCSO Agenda Item 4: Road Map to ICID Vision 2030: Review of the Action Plan

32. The Committee reviewed the activities identified by RWGs and WGs reporting to PCSO in the Action Plan at its last meeting in Adelaide, Australia, as appended to the 'Road Map to ICID Vision 2030' ([http://www.icid.org/icid\\_vision2030.pdf](http://www.icid.org/icid_vision2030.pdf)) committed to be achieved over a period of five years.

33. Capacity development is one of the activities that has been progressing well under the Action Plan. A series of webinars and trainings and online courses have been organized as part of this activity. This has generated a very good response. ICID organized third batch of online course on 'Dam and Network Safety' in collaboration with Aqua Foundation which was quite popular in terms of in attendance of participants from all over the world. The YP Training Programs were well organized and the webinars were also attended in large numbers. The YouTube videos uploaded has been provided with a French translation, so that the French-speaking countries, especially those in Africa may benefit from that.

34. In order to promote the activities of Capacity Development Training Programme, ICID in association with the Virtual Irrigation Academy (VIA) organised webinars on the topic 'Combining farmer and science-based knowledge through Virtual Irrigation Academy' on 02 June 2022 and 30 June 2022. VIA and ICID jointly organised one-day training funded by Australian Centre for International Agricultural Research (ACIAR) on 9th October 2022 during 24th Congress and 73rd IEC meetings at Adelaide, Australia where 8 YPs sponsored by ICID along with 15 local YPs from Australia joined the training programme. VPH Dr. Mohamed Wahba (Egypt) introduced and explained the training program works and Dr. Richard Stirzaker (CSIRO and VIA) made presentation on the Virtual Irrigation Academy and online training course. During the training course videos and presentations related to journey of experiential learning and the progress of different crops and tracking the changes in soil water, nitrate and salt were made. The course was made up of seven modules. The presentations covered concepts around the different ways that scientists and farmers created knowledge, and how they moved from monitoring and learning to social change.

35. The Action Plan, which is designed to be living and dynamic and rolling in nature and includes activities for converting vision to action, may be monitored annually and reviewed triennially, as envisaged in 'Road Map to ICID Vision 2030'.

36. Accordingly, under the existing monitoring mechanism, PCSO may monitor the activities identified under Action Plan based on the progress achieved by RWGs and workbodies reporting to the Committee and suggest appropriate ways and means to achieve them.

#### **PCSO Agenda Item 5: Knowledge Management Strategy (KMS)**

37. To manage the knowledge processes within the ICID network the Knowledge Management Division (KMD) at the Central Office of ICID was set up in 2017 based on the recommendations emerging from consultations of the ICID Working Groups on Knowledge theme, and also from various ICID partners. The Knowledge Management (KM) team also reviews the existing KM processes in water management organizations throughout the world and suggests future strategies to be adopted by ICID members, partners, and other stakeholders keeping in view the resources available under the existing institutional framework. The KMD is engaged in developing a distribution network for the knowledge base and ICID publications on agricultural water management. It is also working to develop an interactive Knowledge Portal for improved information flow within, and outside the ICID network.

38. A compendium on historical irrigation structures recognized under WHIS Scheme till 2020 and a book on "Historical Water Sustainability" reflecting the "universal strategies" of ensuring sustainability of various historical water schemes in different countries by WG-HIST has been launched during 25<sup>th</sup> Congress. The books are available freely as an e-book on ICID website.

39. Any further progress will be presented at the Committee's meeting.

#### **PCSO Agenda Item 6: Collaboration and Cooperation between ICID and other International Organizations**

40. Since its inception, ICID has been giving utmost importance to the need of having joint activities and partnerships with sister international organizations in the water sector and related sectors such as health, etc. on topics of mutual interest like Agricultural Water Management (AWM). ICID collaborated with global partners like AARDO, ADB, AWC, CSIRO, DWFI, FAO, GWP, ICARDA, ICBA, ICOLD, ICRISAT, IFAD, IGS, IsDB, IWMI, IWRA, UN-Water, WMO, World Bank, IAAS and WWC on a number of issues which are mutually beneficial. For more details about ICID's international cooperation during 2022-23, please refer **Chapter 3** "Working Together" of Annual Report 2022-23.

41. ICID Central Office had fruitful discussions with Dr. Mohamed Abd salam EL Vilaly, Programme Officer, G20 Global Initiative Coordination Office, United Nations Convention to Combat Desertification (UNCCD) on August 4, 2023, for collaboration and to promote knowledge sharing programs and projects that foster cooperation including the possibility of co-financing projects related to capacity development training programme, organising workshops/webinars, study tours, networking and exchange of knowledge & information related to sustainable agricultural water management, and sharing & dissemination of latest state-of-the-art technologies among members etc. A draft MOU has been shared and awaiting the response and consideration of UNCCD.

#### **PCSO Agenda Item 7: Review of reports of Regional Working Groups (RWGs)**

##### **PCSO Agenda Item 7.1: African Regional Working Group (AFRWG)**

42. VPH Dr. Mohammed Wahba, Chair of AFRWG will present the report of the meeting of the RWG.

##### **PCSO Agenda Item 7.2: American Regional Working Group (AMRWG)**

43. The Chair/Representative of AMRWG will present the report of the meeting of the RWG.

##### **PCSO Agenda Item 7.3: Asian Regional Working Group (ASRWG)**

44. VP Prof. Dr. Tsugihiko Watanabe, Chair of ASRWG will present the report of the meeting of the RWG.

##### **PCSO Agenda Item 7.4: European Regional Working Group (ERWG)**

45. VPH Dr. Marco Arcieri, Interim Chair of ERWG will present the report of the meeting of the RWG.

**PCSO Agenda Item 8: Review of reports of Working Groups/Committees**

**PCSO Agenda Item 8.1: Committee on Congresses/Conferences (C-CONGR)**

46. Mr. Kushvinder Vohra, Chair of C-CONGR will present the report of the meeting of the Committee.

**PCSO Agenda Item 8.2: ICID Young Professional's e-Forum (IYPeF)**

47. Eng. Ms. Aya Mohammed Hassan Ali Elkholy, Coordinator, IYPeF will present the report of the meeting of the e-Forum.

**PCSO Agenda Item 9: Organizational issues related to IEC, Congresses, Forums and Conferences**

**PCSO Agenda Item 9.1: Report of the Sub-Committee on Themes, Topics, and Work Plans of future ICID Events (SC-E-THEMES)**

48. The Chair of the Sub-Committee will present the report of the meeting of the Sub-Committee.

**PCSO Agenda Item 10: ICID Members' Profile Section**

49. As part of ICID's 70th Anniversary Celebrations, a new website (<https://icid-ciid.org>) was launched in 2021 to meet the new web technologies currently available. One of the newly added web features provides to WG members to access their profile sections using their dedicated account in order to update their profiles, with an option to upload the photograph, contact information, brief profile, publications to their credit, specialization, etc. This has been communicated to all members on how to access their account through the link <<https://icid.bmeurl.co/C7D4D2E>> and change their password to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**PCSO Agenda Item 11: Register on World Irrigation and Drainage Schemes (WI&DS)**

50. ICID has taken an initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfill the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Members are also requested to encourage all irrigation project owners, managers, and researchers across the world and especially in our member countries for contributing to the register. This facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

51. Last year, the Committee reviewed the objectives of the WI&DS Register and appreciated the efforts made by the Secretary General for initiating such a novel idea. The Committee also urged the member countries and non-member countries to enlist the irrigation projects in their countries in the WI&DS Register, which was already having the submissions from 12 member countries at that time.

52. SG will provide further update on WI&DS Register at the meeting.

**PCSO Agenda Item 12: Restructuring of the Working Groups**

53. At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. The ICID President in consultation with PCTA Chair, PCSO Chair, Working Group Chairs, the Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be restructured into 11 new working groups under four themes: (1) Irrigation and Drainage (Long-term activities)- WG-IWM&D, WG-NWREP & LDRG; 2. Natural Resources (Medium-term activities) RWH, WG-SCER, WFE-N & IDSST; 3. Climate Change & water scarcity (Medium to long-term activities) - CLIMATE; 4. Sustainable Development (Long-term activities) WG-I&O MVE, HIST & CDTE. The new structure was approved by the 18 WG chairs and the 11 remaining WG chairs after November 2023 adapted their mandates, WG names and created tasks to accommodate the amalgamated outgoing WGs. The details are given in **IEC Annex 5, page 23**.

**PCSO Agenda Item 13: Any other business**

54. Ahwaz Regional Node has been hosted by the Iranian National Committee (IRNCID) since 2011 under the rechristened program, titled 'International Research Program for Irrigation and Drainage (IRPID)'. Since then, IRPID-IRN are carrying multiple activities at regional level.

55. For the continuity and sustainability of the research activities within this platform on the ICID stage, IRPID-IRN requested to consider Ahwaz Regional Node and its activities as a formal workbody, similar to other regional Workbodies. The details are given in **IEC Annex 3, page 17**.



**ACTION TAKEN REPORT ON THE MINUTES OF THE 33<sup>RD</sup> MEETING OF PCSO**  
08 October 2022, Adelaide, Australia

Item	Recommendation	Decision of 73 <sup>rd</sup> IEC	Action Taken
<b>2. Membership of PCSO and its Workbodies</b>			
	Recommended to approve the membership changes of various work bodies of PCSO & ICID website	Approved (Resolution No.IEC-2/73, Sr. No.1)	Action taken by notifying the same.
<b>9. Organizational Issues related to IEC, Congresses, Forums and Conferences</b>			
	Recommended to intimate the approval to AFEID and request for Form-A and LoA	Approved (Resolution No.IEC-2/73, Sr. No. 6)	Action Taken and email sent on 11 November, 2022 and AFEID is requested for Form-A and LoA.







**ICID MEMBERSHIP NETWORK 2023**

<b>Sl. No.</b>	<b>National Committees</b>	<b>Acronym</b>	<b>Year of Joining</b>
1.	Australia	IACID	1952
2.	Bangladesh	BANCID	1973
3.	Burkina Faso	CNID-B	2014
4.	Canada	CANCID	1956
5.	China	CNCID	1983
6.	Egypt*	ENCID	1950
7.	Estonia	ESTICID	2001
8.	Finland	FINCID	2000
9.	France	AFEID	1953
10.	Georgia	GENCID	2018
11.	Hungary	HUCID	1955
12.	India*	INCID	1950
13.	Indonesia*	INACID	1950
14.	Iran	IRNCID	1955
15.	Iraq	IRQCID	2006
16.	Ireland	IRCID	1978
17.	Italy*	ITAL-ICID	1950
18.	Jamaica	JAM-ICID	2022
19.	Japan	JNC-ICID	1951
20.	Kazakhstan	KAZCID	2006
21.	Malawi	MALCID	1967
22.	Malaysia	MANCID	1958
23.	Morocco	ANAFIDE	1959
24.	Myanmar	MNCID	1962
25.	Nepal	NENCID	1973
26.	The Netherlands*	NETHCID	1950
27.	Niger	ANID	2007
28.	Nigeria	NINCID	1970
29.	Pakistan	PANCID	1953
30.	Philippines	PNC-ICID	1956
31.	Portugal	PNCID	1954
32.	Russia	RUCID	1955
33.	Saudi Arabia	SACID	1977
34.	South Africa	SANCID	1993
35.	South Korea	KCID	1969
36.	Spain	CERYD	2021
37.	Sri Lanka*	SLNICID	1950
38.	Sudan	SNCID	1964
39.	Tajikistan	TajNICID	2014
40.	Thailand*	THAICID	1950
41.	Turkey*	TUCID	1954
42.	Ukraine	UACID	1996

Sl. No.	National Committees	Acronym	Year of Joining
43.	United Kingdom	IWF/ICID.UK	1951
44.	United States of America	USCID	1951
45.	Uzbekistan	UzNCID	1994
46.	Zambia	ZACID	1966
47.	Zimbabwe	ZwCID	1955
<b>Committee</b>			
48.	Chinese Taipei	CTCID	1969
<b>Associate Members</b>			
49.	Afghanistan	AFGICID	2018 (2022)
50.	Algeria	CNAID	1965 (1999)
51.	Austria	AUNCID	1954 (2015) <sup>1</sup>
52.	Brazil*	ABID	1970 (2018)
53.	Bulgaria	BNCID	1960 (2006)
54.	Chad	ATID	2012 (2019)
55.	Croatia	CRCID	1993 (2022)
56.	Czech Republic	CZNC-ICID	1997 (2017)
57.	Ethiopia	ETCID	1976 (2019)
58.	Fiji	FIJICID	2010 (2022)
59.	Germany	GECID	1957 (2015)
60.	Greece	GRCID	1957 (2012)
61.	Guyana	GUCID	1957 (2012)
62.	Israel	ISCID	1950 (2012)
63.	Kenya	KENCID	1977 (2003)
64.	Kyrgyz Republic	KYRCID	2004 (2010)
65.	Lithuania	LTCID	1994 (2014)
66.	Macedonia	MAKCID	1995 (2010)
67.	Madagascar	MADCID	2014 (2018)
68.	Mali	AMID	2005 (2022)
69.	Mexico	MXCID	1951 (2022)
70.	Mozambique	MOCID	1978 (2006)
71.	Poland	POCID	1967 (2006)
72.	Romania	CNRID	1992 (2022)
73.	Serbia (erstwhile Yugoslavia*)	YUGCID	2002 (2012)
74.	Slovak Republic	SKNC-ICID	1996 (2006)
75.	Slovenia	SINCID	1992 (2022)
76.	Somalia	SONCID	2017 (2022)
77.	Switzerland*	CH-AGRAM	1951 (2018)
78.	Syria	SYCID	1962 (2014)
79.	Tanzania	TANCID	2011 (2018)
80.	Tunisia	TUNCID	1960 (1993)
81.	Uruguay	URUCID	2007 (2012)
82.	Vietnam	VNCID	2018 (2022)

\* Founder Member

<sup>1</sup> Year in parenthesis is of the NC becoming inactive



**AGENDA FOR THE 34<sup>TH</sup> MEETING OF THE  
AFRICAN REGIONAL WORKING GROUP (AFRWG)**

05 November 2023, 14:00-15:30 hours (Session I) and 16:00-17:30 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Presented by the Chairman**

**Year of Establishment: 1994**

**Mandate:** To promote links and networking among the African countries as well as regional and international institutions for enhancing cooperation and coordination, and to support integrated river basin development, training and research issues, and information systems for African needs.

**Website:** [http://icid-ciid.org/inner\\_page/93](http://icid-ciid.org/inner_page/93)

**AFRWG Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held in October 2022.
2. **Reactivation of National Committees:** In 2023, the ICID Central Office contacted the Togolese Republic, Mauritania, Mozambique, and Ethiopia for the reactivation of their country membership however, the response is still awaited. Moroccan National Committee (ANAFIDE) has paid the first-year annual membership subscription for the activation of the Niger National Committee in the month of February 2023. Similarly, the Zimbabwe Committee on Irrigation and Drainage (ZwCID) paid the annual membership subscription in February 2023 for reactivation of their membership.
3. Ghana, Kenya, and Senegal were reminded to reactivate their membership in ICID however, the response is awaited. ICID Central Office received an online application from Dr. Mehdi Jourablou on 6 March 2023 for the country membership of Azerbaijan however, the filled-in and stamped application form is still awaited.
4. During the Adelaide meeting, Dr. Wahba informed the group about the winning of AFRWG as the Best Performing Workbody Award 2022 (BPWA). He thanked the Vice Chair Prof. Dr. Sylvester Mpandeli, Secretary Dr. Ismael El-Hassanoui of the AFRWG, and all the WG members and the YPs for their great contributions to the activities of the group.
5. The chair in consultation with the Vice Chair, Secretary of the WG, and the Central Office has updated the membership of the WG as given in **Annex 1** (*refer electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt with suitably after the meeting.

**AFRWG Agenda Item 2: Road Map to ICID Vision 2030 – Status of activities in the African region**

6. During the Adelaide meeting, Chair Dr. Wahba informed that AFRWG will continue its activities according to the Road Map to ICID Vision 2030 (refer to **Annex 2**), as follows:
  - (a) **Goal B:** to be a catalyst for change policies and practices (the final draft position paper on green evolution in Africa was presented and will be circulated to the AFRWG members for review)
  - (b) **Goal C:** Facilitate the exchange of information, knowledge, and technology (shared and circulated all available documents, reports, news updates, and other documents to all using the ICID website, LinkedIn and WhatsApp groups)
  - (c) **Goal F:** Facilitate Capacity Development (webinar, 6<sup>th</sup> Af-YWP Forum, online courses, webinars, training workshops, and study tours upon request of NCs)
7. The group members may like to review the Road Map and update it during the meeting. Chair will provide further updates at the meeting.

<sup>1</sup> This will also include details of membership of WG as **Annex**

**AFRWG Agenda Item 3: Progress on Position paper on Green Revolution in Africa**

8. At the Adelaide meeting, Dr. Wahba informed the group that the final version of the paper was ready for sending to an international journal and he thanked the two active Young Professionals - Dr. Ismael Elhassanoui and Eng. Sinafekesh for their great contributions to the paper and to President Dr. Ragab for reviewing the paper. Chair will provide further updates at the meeting.

**AFRWG Agenda Item 4: Progress on implementation of the action program for Africa - Strategy for capacity building in Africa (Training Needs Assessment Report)**

9. During the Adelaide meeting, Dr. Wahba informed the group that the final version of TNA-II was circulated in French and English versions to the partner international organizations, and requested their cooperation in carrying out the capacity-building activities in the African region. The Report is also available on the AFRWG website at [https://icid-ciid.org/inner\\_page/93](https://icid-ciid.org/inner_page/93). The chair will provide further updates at the meeting.

**AFRWG Agenda Item 5: Updates on Regional Irrigation Associations- SARIA, NARAID, ARID-RAID by the Chair or Representative**

10. At the Adelaide meeting, Vice Chair Prof. Sylvester Mpendeli provided a brief about the current activities of the SARIA and informed the WG that a big project will support many activities for African Young professionals for next year.

11. In February 2023, Vice President Dr. Sylvester Mpendeli informed the ICID Central Office that they have planned a workshop in April 2023 at the University of Pretoria, South Africa as part of the International Research Program for Irrigation and Drainage (IRPID) initiatives. All 15 Southern African countries will be invited. During the workshop, they will share with Southern African countries about the position paper they're working on as part of the International Research Program for Irrigation and Drainage (IRPID) initiatives. He also informed that the South African National Committee on Irrigation and Drainage (SANCID) organized a Symposium from 21 to 23 February 2023 at the Tzaneen Fairview Hotel. The theme for the symposium was "Research and innovation towards meeting new challenges and a thriving irrigation sector" and more than 90 scientists/academics and irrigation experts attended the symposium. Dr. Sylvester Mpendeli will provide further updates at the meeting.

**AFRWG Agenda Item 6: Progress for the proposed third node for IRPID for the African region**

12. Chair shared a brief about the final recommendation of the first online meeting of the group with President Dr. Ragab about the importance of having a proposal for funding this project and also shared a draft of the proposal layout with members (refer to **Annex 3**). In September 2023, Dr. Wahba raised a concern regarding finding a source of funding to activate this important program and without this fund, it could be very difficult to take action. The chair will provide further updates at the meeting.

**AFRWG Agenda Item 7: Af-YWPeF - Program and future activities**

13. During the Adelaide meeting, Dr. Wahba provided updates on the schedule of AFRWG activities. He informed the group that in 2023, the group will consider at least two webinars about agricultural drainage, one webinar about climate change impact (Dr. Ragab), and more important topics will be considered. As the WG has gained good experience in webinar preparation, an intensive webinar, online training course will be arranged for next year. As a draft proposal following activities would be considered:

- (a) Webinars on
  - (i) Empowerment and Capacity Development of Women in Water Resources Management.
  - (ii) Roles of Agricultural drainage and achieving sustainable development goals
  - (iii) Modern Irrigation systems, planning, and design
  - (iv) Climate Change Adaptation for African Agriculture Systems and mitigating the Impacts on Water requirements
  - (v) Remote sensing application for performance assessment in irrigation and drainage project
  - (vi) More webinars for our partners will be shared and disseminated to all ICID groups
- (b) Discussions on WhatsApp groups and LinkedIn. Sharing of reports, news updates, announcements, opportunities, and other activities.
- (c) Tailor-made training courses, upon request from our partners and African NCs.

- (d) Physical and virtual training back-to-back and during events.
- (e) At least one virtual meeting for the AFRWG
- (f) Preparation of the 6<sup>th</sup> African Young Professional Forum in 2023
- (g) Training workshop and attending a conference in South Africa for 10<sup>th</sup> African YPs in 2023

14. The Chair may like to provide further updates at the meeting.

**AFRWG Agenda Item 8: Brief report of 10th International Micro Irrigation Conference, 25-27 January 2023, Morocco**

15. The 10th International Micro Irrigation Conference (IMIC) was organized from 25-27 January 2023 at Dakhla by the Moroccan National Committee of ICID (ANAFIDE) in collaboration with the Council of the Moroccan Community Abroad (CCME), in partnership with ICID and with support of the Ministry of Agriculture, Fisheries, Rural Development, Water and Forestry (MAPMDREF). The theme of the conference was 'Micro-irrigation in the Era of Technology Innovation and Digital Transformation,' which aimed to share experiences of using new technologies and best management practices in drip, micro-sprinkler, and other localized irrigation systems. The sub-themes focused on (i) Public Policies and the Promotion of Micro Irrigation: Lessons Learned; (ii) Innovation in Micro-Irrigation Design and Technology to Improve Resilience towards Climate Change; (iii) Micro-Irrigation for Small-Scale Farming, Challenges, Opportunities, and Initiatives; (iv) Micro Irrigation to Promote the Water-Energy-Food Nexus; (v) Digital Transformation for the Management of Micro-Irrigation; and (vi) International Cooperation for the Development of Micro Irrigation. The ICID was represented by President Prof. Dr. Ragab Ragab, Secretary General Er. A.B. Pandya and Executive Director Er. H.K. Varma and the National Committees were represented by the other ICID fraternity members. The event witnessed participation from several countries such as South Africa, Nigeria, Niger, Senegal, Egypt, Mauritania, the United Kingdom, France, Portugal, Italy, Spain, Lithuania, Australia, the United States, India, and Japan. Chair/Representative of Moroccan NC (ANAFIDE) will provide further updates at the meeting.

**AFRWG Agenda Item 9: 6<sup>th</sup> African Young Professional Forum and Cairo Water Week 2023, 29 October- 2 November 2023, Egypt**

16. The 6th African Young Water Professional Forum on the theme "Actions on the climate change impacts and sustainability of irrigated agriculture" will be organized virtually under the platform of CWW 2023 from 30 October to 1 November 2023 in Cairo, Egypt. This year's event will be organized in virtual mode and will discuss and emphasize the adaptation actions in the water sector and ensure its vitality to achieving sustainability for the first time in this series. The proposed three-day forum will include the opening and closing sessions, and about 6 hours of training (6 sessions in three days). At the training sessions, presenters, and facilitators will share their experiences in the area of innovation, inspire participants, and instill the confidence for them to voice their thoughts and ideas on ways to overcome challenges of water scarcity, particularly in the agricultural sector with a focus on water management. The chair will provide further updates at the meeting.

**AFRWG Agenda Item 10: 6<sup>th</sup> African Regional Conference on Irrigation and Drainage, April 2025, Nigeria**

17. During the Adelaide meeting, Engr. Sani Bala (Nigeria) provided a very comprehensive presentation on the organization of the 6<sup>th</sup> African Regional Conference. In May 2023, Engr. Peter Sule, Secretary of the Nigerian National Committee (NINCID) informed the ICID Central Office that the Task Team on the 6<sup>th</sup> African Regional Conference and the Leadership of the Nigeria National Committee have discussed the completion of the Proforma to Facilitate Approval for hosting the 6<sup>th</sup> African Regional Conference and the signing of the Letter of Agreement. NINCID has completed the two documents however, they are awaiting the conclusion of all administrative processes involving the Government of Nigeria before transmitting the documents to the ICID Central office. A representative from NINCID will provide further updates at the meeting.

**AFRWG Agenda Item 11: Any other business**



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCSO meeting on 06 November 2023.



**Annex 1** [Appendix III, Item 1]

**MEMBERSHIP OF THE AFRICAN REGIONAL WORKING GROUP (AFRWG)**

Sl. No.	Countries (Year of joining)	Present representatives (Year of Joining)	Remarks
1.	Egypt (1950)	VPH Dr. Mohamed Wahba, Chair (2016)	Attended meetings in 2016 & 2017, 2019, 2020, 2021, 2022 and contributed
2.	South Africa (1993)	Dr. Sylvester Mpandeli, Vice Chair (2016)	Attended meetings in 2017, 2018, 2019, and 2020, 2022
3.	Morocco (1959)	Eng. Ismael Elhassanoui, Secretary (2020)	Attended meetings in 2020 and 2021
4.	Burkina Faso (2014)	Mr. Jean Bernard Dambre (2016)	Attended meetings in 2016, 2020 and contributed in 2017
5.	Burkina Faso (2014)	Mrs. Salamata Karambiri MIWENDE (2015)	Attended meeting in 2015 and contributed in 2018
6.	Egypt (1950)	VPH Dr. Samia El-Guindy (2010)	Attended meeting in 2015 and represented by ENCID in 2016
7.	Egypt (1950)	Eng. Omnia Hassan Ahmad Salem – Young Professional (2017)	
8.	Malawi (1967)	Representative from MALCID	
9.	Morocco (1959)	Ms. Sara Boularbah – Young Professional (2017)	Represented in 2018
10.	Morocco (1959)	Ms. El Oumlouki Kaoutar – Young Professional (2017)	Represented in 2018
11.	Morocco (1959)	Prof. El-Houssine Bartali (2020)	Attended meeting in 2020 and 2022
12.	Nigeria (1970)	Engr. Joe Kwanashie (2014)	Represented by NINCID in 2017 & 2018
13.	Nigeria (1970)	Engr (Mrs) Esther Oyeronke Oluniyi (2020)	Contributed in 2020
14.	Nigeria (1970)	Engr M. S. Bala (2020)	Attended meetings in 2020, 2021, 2022
15.	Nigeria (1970)	Engr Inimfon Archibong – Young Professional (2020)	Attended meetings in 2020 and 2021
16.	Sudan (2015)	Eng. (Ms.) Hind Massoud Hamed Elneel (2017)	Contributed in 2017 and attended meetings in 2020 and 2021
17.	Sudan (2015)	Eng. Marwa Faisal Salman Mohamed –Young Professional (2017)	Contributed in 2017 and attended meetings in 2020 and 2021
18.	Sudan (2015)	Dr. Ahmed Elsiddig A. Elshaikh, Direct Member (2021)	Attended meeting in 2021
19.	Zambia (1966)	Mr. Mulako Cornelius Sitali (2015)	Contributed in 2016, 2018, 2019, 2020
20.	Zimbabwe (1955)	Representative from ZwCID	
<b>Observers/ Permanent observers</b>			
1.	Kenya <sup>2</sup>	Eng. Elizabeth Mwendwa (2020)	Attended meeting in 2020
2.	Kenya	Mr. Joseph Kimani Wandue (2020)	Attended meeting in 2020
3.	Nigeria	Dr. Elijah Adepoju Aderibigbe (2020)	
4.	Nigeria	Engr. A. A. Adenopo (2020)	Attended meeting in 2020
5.	Nigeria	Engr. Abdullahi Abdulrahman (2020)	Attended meeting in 2020
6.	Nigeria	Engr. Amali Abraham Amali – Young Professional (2020)	Attended meeting in 2020
7.	Sudan	Eng. Omer Yousef	
8.		AgWA Representative	Attended meeting in 2015
9.		ARID Representative	Attended meeting in 2015
10.		FAO Representative	
11.		SARIA Representative	Attended meeting in 2017
12.		World Bank Representative	



<sup>2</sup> Accepted as Observer till the re-activation of the Kenyan NC





**Annex 2 [Appendix III, Item 2]**

**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES**

Goals/ Strategies	Activities	Outcomes / Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023
<b>Goal B: Be a Catalyst for Change in Policies and Practices</b>									
<b>B1. Strategy:</b> Supporting Development of Appropriate Policies	1.15 Position Paper on Green Revolution in Africa	Position paper	Prepare the draft paper	Finalise the paper	Data collection	Data collection	Data analysis Draft paper	Final paper publishing process	Dissemination of the paper
<b>GOAL C: Facilitate exchange of information, knowledge and technology</b>									
<b>C3. Strategy:</b> Promoting Regional Cooperation	3.4 Activate or Establish Regional/sub-regional WGs	Regional WGs	Collaboration with Af-YWP-Forum		Establishment of more WG-YP's WhatsApp Groups NC-wise for E-discussion and knowledge exchanges Encouraging cooperation with partners	Establishment of more WG-YP's WhatsApp Groups NC-wise for E-discussion and knowledge exchanges Encouraging cooperation with partners	Establishment of more WG-YP's WhatsApp Groups NC-wise for E-discussion and knowledge exchanges Encouraging cooperation with partners	Selections of NC's YP's coordinators Organizing NC'S YP's group meeting and starting their own activities Contributing in AfYP Forum activities Webinar Workshop Discussions Exchanging experiences. Technologies and information Activating their Country membership in ICID-(non-member)	Organizing NC'S YP's group meeting and starting their own activities Contributing in AfYP Forum activities Webinar Workshop Discussions Exchanging experiences. Technologies and information Activating their Country membership in ICID (non-member)
<b>Goal F: Facilitate capacity development</b>									
<b>F2. Strategy:</b> Support Capacity Development Activities of Member Countries	2.4 Strategy for capacity building in Africa	Strategy/ Policy	Identify new themes and revise the strategy	Update the strategy	2 <sup>nd</sup> Af-YWP-Forum (CWW2019-YP training programme prior to 5th AfRC on I&D 16-23 November 2021 at Marrakesh, Morocco	3 <sup>rd</sup> Af-YWP-Forum (CWW2020 virtually	4 <sup>th</sup> Af-YWP-Forum (CWW2021-virtually YP Preparing questioner for TNA Circulation of TNA Data analysis	Organizing webinars/Discussions Organizing yearly African Young Professional forum Upon request from NC's to organize tailor made training and study tours	Organizing webinars/Discussions Organizing yearly African Young Professional forum Upon request from NC's to organize tailor made training and study tours

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)



**PROPOSAL FOR IRPID RESEARCH PROJECT**

**Title** \_\_\_\_\_

(a) **Objectives**

1. Joint applied project work
2. Sharing information, experience, data, and knowledge
3. Capacity building & training of YP's

(b) **Composition**

1. National Committees of ICID
2. National Universities and Research institutes
3. Governmental Authorities
4. Private Sectors

(c) **Activities**

1. Establishing pilot sites for joint applied project
2. Conducting Training as part of the capacity building program

(d) **Areas of Interest**

1. Enhancing water productivity and water use efficiency
2. Introducing new technologies for agricultural Water Management
3. Adaptation of Agriculture to climate change and its extreme events such as drought
4. Enhancing Water and Food security
5. Mitigating the impact of climate change in agriculture within the Water-Food-Energy Nexus concept.

(e) **Expected output**

1. Established pilot sites
2. Capacity building training program
3. Webinars
4. Workshops
5. Shared materials (documents, videos, blogs, presentations, etc.)

(f) **Funding Organizations**

1. Islamic Development Bank,
2. African Development Bank
3. ACSAD
4. FAO
5. ICARDA
6. IWMI
7. World Bank
8. ESCWA
9. UNDP, etc.



**PREPARATORY MEETING FOR THE ESTABLISHING OF  
AMERICAN REGIONAL WORKING GROUP (AMRWG)**

6 November 2023: 09:30-11:00 hours  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Presented by the Interim Chairman**

**I. BACKGROUND**

1. The International Commission on Irrigation and Drainage (ICID) was established in 1950 and has currently a network of more than 74-member countries around the world which includes Active and Associated. Different geographical regions of the world have different characteristics defining their ecology and populations. The member countries of ICID have been categorized in four regions, namely, Asia, Africa, America, and Europe. Accordingly, in order to promote linkages and networking among the countries, four different working groups under Permanent Committee on Strategy and Organization (PCSO) have been established, namely, American, Asian, African and European Regional Working Groups.

2. In order to achieve the larger goal of Food Security in the Latin American countries (South and Central Americas), ICID's 49<sup>th</sup> meeting of International Executive Council (IEC) approved the establishment of a Latin American Regional Working Group (LARWG) in 1999 at Bali, Indonesia with seven countries (Argentina, Brazil, Chile, Colombia, Guyana, Honduras, and Mexico) as its members. There is vast scope of water resources development and its management in Americas as irrigated area in the region is only 46 million hectare which is about only 16% of the total arable area of the region.

3. The LARWG was mandated to assist in the development of broad-based ICID National Committees in Latin American countries; obtain and disseminate information on irrigation and drainage in these countries; organize national and international discussions on relevant scientific and technical issues; and work as a catalyst for promoting better contact with the ICID and other relevant international organizations. The most important task of the LARWG was to identify organizations that could contribute to the development of irrigation and drainage in the region.

4. The 4<sup>th</sup> Inter-Regional Conference on "Environment-Water: Competitive Use and Conservation Strategies for Water and Natural Resources" was organized during 27-30 August 2001 at Brazil by the LARWG to focus on environmental issues of the region. Dr. Chandra Madramootoo (Canada) shared several articles from Latin American countries, which were published as country papers in the ICID Strategy document at the 2<sup>nd</sup> World Water Forum held at The Hague (2000). They were also included in ICID as a part of Golden Jubilee Year celebrations (1999-2000). In 2000, Dr. Beltran (FAO) distributed copies of FAO Water Report 20 titled 'Irrigation in Latin American and the Caribbean in Figures'. The Brazilian National Committee of ICID (ABID) also brought out a new issue of its Journal (ITEM) with a special article on 'Irrigation of Coffee' in 2000. Later, in 2002, Chair Dr. Ricardo L. Brito (Brazil) contributed a paper on Brazil in the Special Event for the "Vision on Water for Food and Rural Development" held during the 18<sup>th</sup> ICID Congress (2002) at Montreal, Canada.

5. The Group was re-established / renamed as American Regional Working Group (AMRWG) in 2003 to attract a wider participation from ICID National Committees in North, Central and South Americas with eight countries (Argentina, Brazil, Canada, Colombia, Chile, Guyana, Mexico and USA) as its members. In order to encourage the Latin American countries, Italian National Committee of ICID (ITAL-ICID) had organized one-day Seminar with the theme "*Water for Food, Water and Health*" on 25 February 2010 at National Research Council, Italy under the leadership of VPH Lucio Ubertini (Italy). The seminar provided good opportunity for Latin American Countries and their representatives to share information on their activities and explore further avenues for cooperation with each other. The main objectives of the workshop were to share the links between water and food, water and agriculture, water and development among the Latin American countries. The representatives of Argentina, Colombia, Costa Rica, Dominican Republic, Guatemala, Peru, Ecuador and Venezuela participated in the workshop.

6. Keeping in view the mandate of AMRWG, the group focused on (1) the broad-basing of the ICID National Committee in Latin American countries; (2) to organise national and international discussions on relevant scientific and technical issues, and (3) to act as a catalyst for promoting better contact with other relevant international organizations in the region. Later during Adelaide (2012) meetings, Mr. Maurice Roos (USA) and Mr. Machel Mierzwa from USA and Dr. Clarke Ballard (Australia) discussed ways to enthuse the countries in

7. Americas to get involve in the activities of the Commission. With this objective in mind, VPH Laurie C. Tollefson (Canada), who was Vice-President In-charge of Americas 2012 communicated with several South American countries for reinvigorating the AMRWG. Failing all the efforts, the AMRWG was closed in 2012.

8. Given above, a Preparatory Meeting for establishing American Regional Working Group (AMRWG) was held on 15 August 2018 at Saskatoon, Canada. A Summary of the proceedings of the meeting is available at **Annex 1** [[https://www.icid.org/69iec\\_agenda\\_2018.pdf](https://www.icid.org/69iec_agenda_2018.pdf) (page # 51 to 54)]. Given that many National Committees (NCs) from Americas have become inactive in ICID, it is worth exploring the opportunity to re-activate the NCs in the region and re-establish the American Regional Working Group especially when the 74<sup>th</sup> International Executive Council (IEC) meetings has been scheduled to be held from 01-08 November 2023 at Visakhapatnam (Vizag.), Andhra Pradesh, India.

9. The AMRWG meeting could not be held in October 2022 at Adelaide, Australia. During the meeting (2021), Interim Chair of the AMRWG Dr. Warren Helgason (CANCID), Vice President Hon. Dr. Marco Arcieri (Italy), Dr. Vijay K. Labhsetwar (India) and Er. B.A. Chivate, Director (Technical), ICID Central Office attended the meeting of the AMRWG on 26 November 2021. In this regard, Dr. Helgason took a lead and provided a report of the AMRWG in consultation with VPH Dr. Marco and ICID Central Office as **Annex 2**. Chair may like to discuss this issue in the next meeting of the group to be held on 06 November 2023 at Visakhapatnam (Vizag.), Andhra Pradesh, India.

10. In order to strengthen the membership in the Americas, ICID Central Office has shared a list of 'Associate Members' and 'New Countries' in Americas and requested **Vice President Prof. Dr. Tsugihiko Watanabe (Japan) & Vice President Ali Reza Salamat (Iran) of Vice-Presidents, ICID (In-Charge of Americas)** to take up matter with 'Associate Members' in the assigned region to foster and encourage greater country participation in ICID activities. While a number of member countries in Americas are gradually decreasing due to one reason or other, it is extremely important to reactivate the countries who have become 'Associate Members' (*Inactive National Committees*) and bring them into ICID as well as liaising with new countries for becoming ICID members. Vice Presidents Prof. Dr. Tsugihiko Watanabe & Ali Reza Salamat and Interim Chair Dr. Warren Helgaso (Canada) of the RWG may present the current status of the membership of the RWG and explore ways to reinvigorate the membership of Latin countries.

11. **Reactivation of National Committees in Americas:** As a follow-up, ICID Central Office had communicated National Committees (Associate Members) in Americas of Argentina, Brazil, Chile, Colombia, Cuba, Republic Dominican, Republic of Ecuador, Guyana, Republic of Honduras, Jamaica, Panama, Peru, Suriname, Uruguay, Venezuela and requested their Ministry of Water Resources/ Agriculture to join the membership of ICID. In response, Jamaica had shown keen interest and became a member of ICID network member countries. Jamaica may like to take lead for organizing the activities of the group in the future.

12. In November 2022, ICID Central Office has communicated Dr. Everardo Chartuni Mantovani (Brazil), President of Brazilian National Committee of ICID (ABID) regarding INOVAGRI International meetings to be held from 13-15 September 2023 at Fortaleza – Ceará, Brazil together with the XXXII Brazilian Congress on Irrigation and Drainage (CONIRD). In order to bring the global footprint of ICID and encourage the irrigation and drainage professionals of Latin American countries to join the global activities and set up a '**Side Event**' jointly with Brazilian National Committee during INOVAGRI International meeting. In this regard, ICID CO has also requested ABID to reactivate their membership in the ICID fold. In response, Engr. Catariny Aleman (Brazil), vide e-mail of 23 January 2023 informed that the Ministry of Agriculture and the Federal Government of Brazil (ABID) will take a decision on the possibility of resuming participation in ICID activities.

13. Accordingly, ICID Central Office had contacted new countries of Anguilla, Bahamas, Barbados, Bermuda, Belize, Bolivia, Costa Rica, El Salvador, Grenada, Guatemala, Guadeloupe, French Guiana, Haiti, Paraguay, Puerto Rico, Trinidad & Tobago, Martinique, Monserrat, Nicaragua, Saint Lucia & Suriname and requested their Ministry of Water Resources/ Agriculture / Embassies in India to join the membership of ICID. Responses are yet to be received.

14. In view of the above, all correspondence had already sent to President Prof. Dr. Ragab Ragab and Vice President Hon. Dr. Marco Arcieri, who was the In-charge of Vice President in Americas in 2021.

15. In view of the above information, Chair/Prof. Dr. Watanabe/Mr. Ali Reza Salamat will provide further updates during the meeting.

## II. ANY OTHER BUSINESS:

Proposal for the 1st American Regional Conference in December 2024 onwards

During the Adelaide meeting (2022), it was noted that ICID Central Office will invite proposal from all the National Committees/Committee (NCs) for hosting 1st American Regional Conference in December 2024 onwards. In this regard, ICID Central Office has requested the active NCs in Americas (Canada, Jamaica and USCID) to share the prescribed proforma (Form A ICID\_events\_Form-A.docx) to ICID Central Office so that the same can be

incorporated in the agenda for consideration at the 74th IEC meeting at Vizag., Andhra Pradesh, India in November 2023.

16. **ICID Members' Profile Section:** As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E> > informed all members on how to access their account and change their password to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

17. **Register on World Irrigation and Drainage Schemes (WI&DS):** ICID has taken an initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation and Drainage Schemes". WI&DS will fulfill the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Members are also requested to encourage all irrigation project owners, managers, and researchers across the world and especially in our member countries for contributing to the register. This facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Visakhapatnam (Vizag.), Andhra Pradesh, India after the meeting.
2. Chair to participate and present the RWG report to PCSO meeting on 6 November 2023



**PREPARATORY MEETING FOR ESTABLISHING OF  
AMERICAN REGIONAL WORKING GROUP (AMRWG)**

15 August 2018, 09.00-10.30 hours (Session-I)

15 August 2018, 11.00-12.30 hours (Session-II)

Saskatoon, Canada

**Presented by the Chairman**

**Background Note**

1. The International Commission on Irrigation and Drainage (ICID) was established in 1950 and has currently a network of more than 70-member countries around the world. Different geographical regions of the world have different characteristics defining their ecology and populations. The member countries of ICID have been categorized in four regions, namely, Asia, Africa, America and Europe. Accordingly, in order to promote linkages and networking among the countries, four different working groups have been established, namely, American, Asian, African and European Regional Working Groups.

2. In order to achieve the larger goal of Food Security in the Latin American countries (South and Central Americas), ICID's 49<sup>th</sup> meeting of International Executive Council (IEC) approved the establishment of a Latin American Regional Working Group (LARWG) in 1999 at Bali, Indonesia with seven countries (Argentina, Brazil, Chile, Colombia, Guyana, Honduras and Mexico) as its members. There is vast scope of water resources development and its management in Americas as irrigated area in the region is only 46 million hectare which is about only 16% of the total arable area of the region.

3. The LARWG was mandated to assist in the development of broad-based ICID National Committees in Latin American countries; obtain and disseminate information on irrigation and drainage in these countries; organise national and international discussions on relevant scientific and technical issues; and work as a catalyst for promoting better contact with the ICID and other relevant international organizations. The most important task of the LARWG was to identify organizations that could contribute to the development of irrigation and drainage in the region.

4. The 4<sup>th</sup> Inter-Regional Conference on "Environment-Water: Competitive Use and Conservation Strategies for Water and Natural Resources" was organized during 27-30 August 2001 at Brazil by the LARWG to focus on environmental issues of the region. Dr. Chandra Madramootoo (Canada) shared several articles from Latin American countries, which were published as country papers in the ICID Strategy document at the 2<sup>nd</sup> World Water Forum held at The Hague (2000). They were also included in CD-ROM brought out by ICID as a part of Golden Jubilee Year celebrations (1999-2000). In 2000, Dr. Beltran (FAO) distributed copies of FAO Water Report 20 titled 'Irrigation in Latin American and the Caribbean in Figures'. The Brazilian National Committee of ICID (ABID) also brought out a new issue of its Journal (ITEM) with a special article on 'Irrigation of Coffee' in 2000. Later, in 2002, Chair Dr. Ricardo L. Brito (Brazil) contributed a paper on Brazil in the Special Event for the "Vision on Water for Food and Rural Development" held during the 18<sup>th</sup> ICID Congress (2002) at Montreal, Canada.

5. The Group was re-established / renamed as American Regional Working Group (AMRWG) in 2003 to attract a wider participation from ICID National Committees in North, Central and South Americas with eight countries (Argentina, Brazil, Canada, Colombia, Chile, Guyana, Mexico and USA) as its members. In order to encourage the Latin American countries, ITAL-ICID had organized one-day Seminar with the theme "*Water for Food, Water and Health*" on 25 February 2010 at National Research Council, Italy under the leadership of VPH Lucio Ubertini (Italy). The seminar provided good opportunity for Latin American Countries and their representatives to share information on their activities and explore further avenues for cooperation with each other. The main objectives of the workshop were to share the links between water and food, water and agriculture, water and development among the Latin American countries. The representatives of Argentina, Colombia, Costa Rica, Dominican Republic, Guatemala, Peru, Ecuador and Venezuela participated in the workshop.

6. Keeping in view the mandate of AMRWG, the group focused on (1) the broad-basing of the ICID National Committee in Latin American countries; (2) to organise national and international discussions on relevant scientific and technical issues, and (3) to act as a catalyst for promoting better contact with other relevant international organizations in the region. Later during Adelaide (2012) meetings, Mr. Maurice Roos (USA) and Mr. Machel Mierzwa from USA and Dr. Clarke Ballard (Australia) discussed ways to enthuse the countries in Americas to get involve in the activities of the Commission. With this objective in mind, VPH Laurie C. Tollefson (Canada), who was Vice-President In-charge of Americas 2012 communicated with several South American countries for reinvigorating the AMRWG. Failing all the efforts, the AMRWG was closed in 2012.

7. Given above, a Preparatory Meeting for establishing American Regional Working Group (AMRWG) was held on 11 October 2017 at Mexico City, Mexico. A Summary of the proceedings of the meeting is available at **Annex**. Given that many National Committees (NCs) from Americas have become inactive in ICID, it is worth exploring the opportunity to re-activate the NCs in the region and re-establish the American Regional Working Group especially when the 69<sup>th</sup> International Executive Council (IEC) meetings & International Conference has been scheduled to be held from 12-17 August 2018 in North America i.e. at Saskatoon, Canada.

8. It was therefore thought appropriate to come together on 15 August 2018 during the 69<sup>th</sup> IEC meetings at Saskatoon, Canada and discuss strategies to revive the American Regional Working Group and bring in more countries from South America to ICID for mutually sharing the benefits of ICID's global network.

#### **Issues for discussions**

9. Participating countries/ Members / attendees may deliberate on issues such as:

**(i) Feedback from 'Special Session of Latin Americas' held on 14 August 2018 at Saskatoon, Canada**

The Chairman may present a brief report of the 'Special Session of Latin Americas' and deliberate on following issues:

- (a) Are there institutions / network like Southern African Regional Irrigation Association (SARIA) in Africa, to promote agriculture water management in South/Central America?
- (b) Do the South / Central American countries gain by joining ICID?
- (c) How can linkages between irrigation institutions in South/Central America be revised so that they can work together with the rest of the ICID network?
- (d) How can appropriate technologies in irrigation and drainage be shared among South American countries?
- (e) Is language a problem for interlinkages with ICID? If so, how can the language barriers be overcome?

**(ii) Regional Membership of ICID**

10. The Latin American Meeting on Irrigation and Drainage held on 11 October 2017 at Mexico City organized with the objective to foster dialogues and cooperation among the Latin American countries recommended that the Latin American and Caribbean Region be incorporated into ICID as a 'Single Member', with regional representation. The Management Board (MB) of ICID at its sixth virtual (MB-6/17) meeting held on 22 November 2017, decided to set up a Task Team to study the feasibility of Single Membership for Regional Organizations (TT-RO) under the Chairmanship of President Hon. Peter S. Lee (UK) to consider the recommendation of single membership for regional organizations representing a group of countries such as SARIA etc. Chair of TT PH Peter S. Lee may apprise the members present and provide the updates by presenting the report of the TT-RO at the meeting.

11. Members/attendees may deliberate and evolve an action plan for at least three years with a new mandate.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Saskatoon (Canada) after the meeting.
2. Chair to participate and present his report to PCSO meeting on 15 August 2018.



**AMERICAN REGIONAL WORKING GROUP (AMRWG)  
12 October 2017, 09:00-12.30 hours, Mexico City, Mexico**

**SUMMARY OF THE PROCEEDINGS OF THE MEETING**

1. Vice President Hon. Laurie C. Tollefson (Canada), who graciously agreed to Chair the meeting, welcomed the representatives from Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Mexico, and Peru and invited Secretary General Er. Avinash C. Tyagi to present the pretext for the meeting and background of ICID. SG Avinash Tyagi prepared his slide presentation in Spanish and his remarks were also translated in Spanish for better understanding. SG Avinash Tyagi informed that the 'Latin American Working Group' (LARWG) was first established in 1999 with seven countries (Argentina, Brazil, Chile, Colombia, Guyana, Honduras, and Mexico) as its members. Several events including the 4th Inter-Regional Conference were organized during the period. The group was renamed as 'American Regional Working Group' (AMRWG) Group in 2003 to attract wider participation. However, it was disbanded in 2012 due to lack of interest in spite of best efforts from VPH Lucio Ubertini (Italy), Mr. Maurice Roos (USA), Dr. Clark Ballard (Australia) and VPH Laurie Tollefson (Canada) and several other National Committees. SG Avinash Tyagi explained the benefits of joining ICID briefly to the participants.
2. It was also generally felt that language is a big issue and needs to be considered if Latin American countries are to actively participate in ICID. It was also explained that the Latin American countries could become a country member, an institutional member or an individual member.
3. To initiate discussion, SG Avinash Tyagi raised questions: (1) How do we find opportunities to work together (2) Did an irrigation network exist in Central and South America. The Latin American representatives informed that such a network didn't exist but they would like to start one. The feeling was that ICID would be useful in Latin America and that Mexico should take lead and work with ICID Central Office on the subject.
4. VPH Tollefson informed that while President Hon. Chandra A. Madramootoo (Canada) was dynamic in establishing the LARWG in early years, he had recently been to Brazil and had talks with Embrapa. He felt that it would be difficult to go through the governments these days and therefore would need to find a way through the private sector.
5. The participants then discussed joining ICID and proposed the following possible steps to be taken: (a) Have MXCID in cooperation with ICID Central Office correspond with all Latin American countries particularly with Ministers of Agriculture / Ministers of Water Resources inviting them to join ICID?; and (b) Have a 'Regional Special Session' for Latin American countries at Saskatoon, Canada where the participating countries could interact and discuss more about working together and explore ways to join ICID? (c) Consider establishing a Spanish speaking node in Mexico on the same line as Int. Research Program for Irrigation and Drainage (IRPID) in China and Iran for transfer technology.
6. It was proposed to develop the theme for the 'Regional Special Session' around climate change, water management and competing demands for water, in cooperation with Mexican National Committee (MXCID). MXCID can then send special invitations to Latin American countries for attending the 'Regional Special Session' at Saskatoon.
7. VPH Tollefson further informed that prior to the AMRWG meeting, Latin American Meeting on Irrigation and Drainage was held on 11 October 2017 at Mexico. Ing. Marco Antonio Parra Cota (CONAGUA, Mexico) and Dr. Nahún H. García Villanueva (IMTA, Mexico) Chaired and Co-chaired the meeting, respectively, whereas ICID Young Professional Dr. Carolos Sánchez (Ecuador) acted as a Rapporteur where a group of experts from 7 Latin countries participated.
8. The Latin American meeting was held in two sessions. In Session I, five presentations were made as below:
  - (a) Background and use of water in agriculture.
  - (b) Organization, administration and management of water for irrigation.
  - (c) Evolution and development of irrigation and drainage.
  - (d) Problems, challenges and opportunities for the hydro-agricultural sector.
  - (e) Possible lines and forms of cooperation with Latin American countries.

9. In Session II, a workshop was held focusing on following two issues:

- (a) Key challenges in the Latin American and Caribbean region and options for their solution.
- (b) Possible forms of cooperation between the countries of Latin America and the Caribbean.

10. Latin American Meeting focused on review of current and future state of water use in agriculture; the form of organization, administration and management of the water resources used for food production; development of irrigation and drainage; as well as the issues, challenges, needs and possible forms of cooperation and collaboration within the hydro-agriculture sector between Latin American and Caribbean countries. The consensus was achieved on strategic actions that need to be promoted in order to achieve water security and the sustainable development of the region's hydro-agriculture sector.

11. It was generally noted that the problems related to water management in agriculture in Latin America are very similar, varying in size and degree, and therefore it was proposed to establish a Task Team (TT) to look into the issues emerging from the 'Declaration', including the formation of Regional Association for ICID membership.



**MINUTES OF THE PREPARATORY MEETING FOR THE ESTABLISHING  
AMERICAN REGIONAL WORKING GROUP (AMRWG)**

26 November 2021, 14:00-15:45 hours)  
Marrakesh, Morocco

**SUMMARY OF THE PROCEEDINGS OF THE MEETING**

**Present Members:** (1) Dr. Warren Helgason (Canada), Interim Chair; (2) Vice President Dr. Marco Arcieri (Italy); (3) Dr. Vijay K. Labhsetwar (India); and (4) Er. B.A. Chivate, Director (Technical), ICID Central Office.

In absence of the representatives from Brazil, Mexico, USA, the above present members held some discussions on the issue of reviving the American Regional Working Group (AMRWG). Er. B.A. Chivate, Director (Technical), ICID Central Office has suggested to develop the mandate of the group with other working groups like AFRWG.

In order to reactivate the membership in Americas, they have discussed the background and past activities of the American Regional Working Group during the virtual meeting of the RWG based on the agenda of the group.

Vice President Dr. Marco Arcieri (Italy), who is also In-charge as Vice-President in Americas region, suggested that National Committees in Latin Americas may be reactivated based on the activities of the ICID. In this regard, ICID Central Office will further contact them for reactivation. The group will make efforts for enrolling the Latin American countries for ICID membership in association with Spanish-speaking Office-Bearers.

As a new relationship in Latin American countries, ICID will first approach for signing a Memorandum of Understanding (MoU) with Inter-American Institute for Cooperation on Agriculture (IICA), which has 59 countries as its members. In this regard, ICID CO will continue its communication with Southern and Central Americas for enrolling them as members of ICID. In order to encourage their participation in ICID activities, translation of publications into Spanish language may be considered.

In order to reinvigorate the AMRWG, Dr. Warren Helgason, Interim Chair of the group has proposed to organize a face-to-face meeting and/or virtual meetings with VPH Dr. Brian T. Wahlin and VPH Larry Stephens from USA to take the responsibilities for re-establishing the American Regional Working Group and enroll the NCs in Latin American countries in consultation with the PH Dr. Chandra A. Madradmootoo (Canada) and VPH Laurie C. Tollefson. Further, Dr. Warren Helgason and Dr. Marco have considered to contact the Brazilian NC who organized an annual meeting like CONIRD and INOVARI, which is a good platform for Latin American countries, to discuss their issues like irrigation and drainage etc.

As a follow-up, ICID Central Office will again get in touch with Argentina, Brazil, Chile, Colombia, Cuba, Republic Dominican, Republic of Ecuador, Guyana, Republic of Honduras, Jamaica, Panama, Peru, Suriname, Uruguay, Venezuela as well as new countries of Anguilla, Bahamas, Barbados, Bermuda, Belize, Bolivia, Costa Rica, El Salvador, Grenada, Guatemala, Guadeloupe, French Guiana, Haiti, Paraguay, Puerto Rico, Trinidad & Tobago, Martinique, Monserrat, Nicaragua, Saint Lucia, Suriname, Venezuela and request their Ministry of Water Resources/ Agriculture to join the membership of ICID.





**AGENDA FOR THE 30<sup>TH</sup> MEETING OF  
ASIAN REGIONAL WORKING GROUP (ASRWG)**

05 November 2023, 09:30-11:00 hours (Session I) and 11:30-13:00 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Presented by the Chairman**

**Year of Establishment: 1996**

**Mandate:** The general objective of the Asian Regional Working Group is to focus on common topics and issues and to enhance the transfer of appropriate technology in irrigation and drainage to and from the Asian Region. The mission of ASRWG is to encourage membership and to coordinate activities in the region.

**Website:** [http://icid-ciid.org/inner\\_page/104](http://icid-ciid.org/inner_page/104)

**ASRWG Agenda Item 1: Review of the membership**

1. During the virtual meeting on 10 July 2023, the Chair, Vice-Chair, and Secretary of the WG reviewed the nominations of Mr. David John Cameron from the Australian National Committee (IACID), Dr. Arvind Kumar, a Direct Member from India Water Foundation (India), and Mr. Egemen Gürsoy from the Turkish National Committee (TUCID). The WG confirmed the membership of Mr. David John Cameron, who has been playing a very active and important role in the organization of the 9<sup>th</sup> Asian Regional Conference (ARC9, 2024). Dr. Arvind Kumar (India) and Mr. Egemen Gürsoy (Turkey) were present and introduced themselves to the WG. The WG may recommend these names for the membership of ASRWG to the PCTA and consequently to IEC in November 2023 for formal approval.

2. In October 2023, the Japanese National Committee of ICID (JNCID) nominated Dr. Masaomi Kimura for the membership of the working group. Chair in consultation with the Vice Chair, Secretary of the WG, and the Central Office has updated the membership of the WG as given in **Annex 1** (*refer to the electronic version for the latest membership*). New nominations, if any, will be dealt with suitably after the meeting.

**ASRWG Agenda Item 2: Action taken report by Chair**

The Chair may present the report on the actions taken on the various issues/proposals of the working group since its last meeting held in October 2022 at Adelaide, Australia:

- (a) The interim (virtual) meetings were held on 12 April and 10 July 2023.
- (b) The discussions on the Technical Report and Workshops have been once again initiated.
- (c) The proposal/format for the Technical Report has been once again shared and discussed.
- (d) The structure of the Country/Committee Case Studies (CCS) has been once again shared and discussed.
- (e) The areas of collaboration with IACID for ARC9 have been discussed.
- (f) The organization of the internal/international workshops has been once again initiated.
- (g) The other pertinent issues, such as the website, etc., have also been discussed.

The Chair may provide updates, if any.

**ASRWG Agenda Item 3: Brief of the virtual meetings organized in 2023**

3. ASRWG organized virtual meetings on 12 April and 10 July 2023. During the virtual meetings, the Chair discussed various activities being undertaken by the WG as part of the Road Map to ICID Vision 2030, collaboration with IACID for the 9<sup>th</sup> Asian Regional Conference, progress on the technical report, organization of internal/ international workshop, etc. Minutes of the virtual meetings of all work bodies have been uploaded on a dedicated webpage – [https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152).

The Chair may provide further updates, if any, at the meeting.

**ASRWG Agenda Item 4: Road Map to ICID Vision 2030 – Status of activities in the Asian region**

4. The Chair Dr. Watanabe presented, in brief, the Action Plan on the Road Map to ICID Vision 2030 (**Annex 2**) during the virtual meeting. The Chair stated that one of the main tasks assigned to the Task Team (TT) for achieving Strategy C4.21 for preparing the Technical Report on '*Irrigation and Drainage for Asian Food Security*', which is expected to be released at the 9<sup>th</sup> Asian Regional Conference from 1-7 September 2024 in Sydney, Australia. He also stated that WG needs to discuss the issues of contribution from ASRWG to the 10<sup>th</sup> World Water Forum, which will be held from 18-24 May 2024 in Bali, Indonesia.

The Chair may provide further updates, if any, at the meeting.

**ASRWG Agenda Item 5: Collaboration with IACID for the 9th Asian Regional Conference, September 2024, Australia**

5. The collaboration for the 9th Asia Regional Conference, between ASRWG and IACID, has continued throughout the year. The conference theme would be '*Irrigation's role in delivering economically viable food security and sustainable urban green spaces in an increasingly unpredictable climate*'. Mr. David Cameron (IACID/IAL) explained, during virtual meetings, the urban green spaces as water reuse (recycled water) in golf courses which is strongly reflected in Australia. It just refers to irrigated places in cities – typically parks and gardens, sporting fields. It is an important component of the Irrigation Australia membership.

6. Mr. David Cameron further informed that the conference program is being finalized and may be shared in due course of time. He further presented detailed information related to issues about 'Call-for-Papers' and the exhibition area, where the facility to make short presentations (5 minutes or so) could be made available. He stated that the processes of the ARC9 are being carried out in close cooperation with ASRWG.

7. The sub-themes would be:

- (a) **Governance** – identifying and addressing structural and policy impediments to the adoption of better irrigation practices
- (b) **Investment** – fit-for-purpose and cost-effective technologies which support end users to implement sustainable irrigation practices (Environmental, Social, Governance)
- (c) **Capacity development** – ensuring that end users can access and adapt knowledge and systems to support sustainable irrigation practices.

For the convenience of authors, it is hoped that a brief description would be included in the 'Call-for-Papers'.

Mr. David Cameron may provide further updates, if any, at the meeting.

**ASRWG Agenda item 4.1: Progress on the technical report/ case studies of the group**

8. During the virtual meeting, Vice Chair Dr. Vijay, the TT leader, provided a brief update on the progress of the technical reports. The format for the Technical Report is given in **Annex 3**. He shared a case study in the form of a 'Report from Sri Lanka'. He congratulated Eng. Ms. Janaki Meegastenna for being the first to share the Technical Report in the given format. He stated that reports from other countries are expected in due course of time. He informed the group that the Chinese Taipei Committee is keen to make a presentation during the Internal Workshop at Vizag (2023). He happily informed that he has received consent for contributions to the Technical Report from FAO and IWMI, and a response from the World Bank is awaited.

Vice Chair Dr. Vijay may provide further updates, if any at the meeting.

**ASRWG Agenda item 4.2: Organization of Internal/International Workshop in September 2024, Australia**

9. During the virtual meeting, the Vice-Chair announced that an internal workshop on '*Irrigation and Drainage for Asian Food Security in Asia*' will take place during the Vizag Meeting in November 2023. Members are expected to make their PPT presentations during this workshop.

Vice Chair Dr. Vijay may provide further updates, if any at the meeting.

10. Additionally, it was suggested during the first virtual meeting to organize an International Workshop on '*Agricultural Water Management for Food Security: More than Modernization*' (refer to **Annex 4**). This workshop falls under the scope of the 9th Asian Regional Conference (ARC9) and will be organized and coordinated by IACID in cooperation with ASRWG.

Mr. David Cameron may provide information on the purpose, scope, themes, and sub-themes of the international workshop.

11. Mr. Michel Scooby of IACID is also looking into the YP Training Program to be held in September 2024 at Sydney. The IACID will announce further details in consultation with their organizing committee in due course of time.

Mr. David Cameron from IACID may provide further updates, if any, at the meeting.

**ASRWG Agenda Item 6: Strengthening linkages among NCs**

12. At the virtual meeting, the Chair Dr. Watanabe acknowledged that the working group is communicating closely with National Committees. However, there is still a lack of mutual linkages between the NCs. It is anticipated that efforts will be made to strengthen the connections between NCs. Members may explore new ways to strengthening the linkages among NCs.

The Chair may provide further updates, if any, at the meeting.

**ASRWG Agenda Item 7: Collaboration with the International Society of Paddy and Water Environment Engineering (PAWEES) and International Network of Water Environment and Paddy Fields (INWEPF)**

13. The International Conference of PAWEES 2023 was held from 23 to 25 October 2023 at Haeundae Hanhwa Resort in Busan, Korea followed by Technical Tours. Dr. K.S. Choi (S. Korea) may brief the members on the outcome of the conference. However, the 18th Steering Meeting of INWEPF was held in Cairo, Egypt in August of 2023. The report of the meeting is awaited.

The Chair may provide further updates, if any, at the meeting.

**ASRWG Agenda Item 8: Working Group webpage update**

14. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help ICID maintain accurate information.

**ASRWG Agenda Item 9: 14<sup>th</sup> International Drainage Workshop in 2024, Tajikistan**

15. The Tajikistan National Committee on Irrigation and Drainage (TajNCID) is organizing the 14th International Drainage Workshop (IDW) on “*Modernization of irrigation and drainage systems for adaptation to climate change and sustainable development*” in Dushanbe, Republic of Tajikistan. TajNCID is developing the website in consultation with ADB and will be launched soon. During the virtual meeting of WG-LDRG on 24 August 2023, Mr. Sharif Mahmudov from the Tajikistan National Commission on Irrigation and Drainage (TajNCID) informed the group that the workshop will be held from 30 May to 01 June 2024.

A representative from TajNCID may provide further updates at the meeting.

**ASRWG Agenda Item 10: Any other business**



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCSO meeting on 06 November 2023.





**A. Membership of the Asian Regional Working Group (ASRWG)**

Sl. No.	Countries (Year of joining)	Present representatives (Year of Joining)	Participated in October 2022, Adelaide	Participated in the virtual meetings in April/July 2023	Remarks
1.	Japan (1951)	Vice President Dr. Tsugihiko Watanabe, Chairman, 2020 (2019)	•	•	Attended in 2020 and virtual meetings in 2021
2.	India (1950)	Dr. Vijay K Labhsetwar, Vice Chair, 2020 (2018)	•	•	Attended meetings in 2018, 2020 and virtual meetings in 2021
3.	Turkey (1954)	Dr. Aynur Fayrap, Secretary, 2020 (2012)	•	•	Attended meetings in 2015, and 2020, represented in 2016, and virtual meetings in 2021
4.	Afghanistan (2017)	Representative from AFGICID			AFGICID has been requested to send nominations for the Group
5.	Australia (1952)	Mr. Momir Vranes (2021)	•	•	Attended virtual meetings in 2021
6.	Bangladesh (1973)	Dr. Robin Kumar Biswas (2022)			
7.	Bangladesh (1973)	Dr. (Ms.) Nazmun Nahar Karim (2022)		•	
8.	China (1963)	Mr. Dang Ping (2021)	•		Attended virtual meeting 2021
9.	China (1963)	Ms. Li Ruoxi – Young Professional (2021)	•	•	Attended virtual meeting 2021
10.	Chinese Taipei Committee (1969)	Dr. Ray-Shyan Wu (2018)	•	•	Attended meetings in 2018, 2019, 2020 and virtual meetings in 2021
11.	Chinese Taipei Committee (1969)	Dr. Gwo-Hsing Yu (2015)			Attended meeting in 2016 and represented in 2017
12.	Chinese Taipei Committee (1969)	Mr. Tony Chih-Sheng Chen (2022)	•	•	
13.	Fiji (2010)	Representative from FIJICID			FIJICID has been requested to send nominations for the Group
14.	India (1950)	Mr. Rajni Kant Agrawal, Direct Member - WAPCOS (2021)	# <sup>1</sup>	#	Represented by Amit Gupta in 2022
15.	Indonesia (1950)	Vice President Dr. Mochammad Amron (2015)	•		Attended meetings in 2016, 2017, 2018, 2019, 2020 and virtual meetings in 2021
16.	Iran (1955)	VPH Karim Shiasi (1997)	#		Attended meetings in 2016 & 2017, 2019, 2020, and virtual meetings in 2021, represented in 2022
17.	Iraq (2006)	Eng. (Ms.) Zainab Saleem – Young Professional (2021)	#	•	Represented in 2022
18.	Iraq (2006)	Mrs. Shaimaa Shihab Ahmed (2021)	#		Attended virtual meeting 2021, represented in 2022
19.	Japan (1951)	Mr. Toru OKUDA (2022)	•	•	
20.	Kazakhstan (2006)	Representative from KAZCID			KAZCID has been requested to send nomination for the Group
21.	Malaysia (1958)	Ir. Syed Abdul Hamid bin Syed Shuib (2013)	#		Represented MANCID in 2016, 2017, 2018, 2022
22.	Malaysia (1958)	Mr. Mohamad Radzi Bin Abdul Talib (2022)	•		

<sup>1</sup> Through representation

Sl. No.	Countries (Year of joining)	Present representatives (Year of Joining)	Participated in October 2022, Adelaide	Participated in the virtual meetings in April/July 2023	Remarks
23.	Myanmar (1962)	Dr. (Ms.) Mu Mu Than (2017)			Attended meetings in 2017, 2019 and virtual meetings in 2021
24.	Nepal (1973)	Mr. Bashu Dev Lohanee (2017)		•	Represented by NENCID in 2017 and attended meeting in 2018
25.	Pakistan (1953)	Mr. Ahmed Kamal (2017)	#	#	Represented by PANCID in 2017 and 2021, 2022
26.	Philippines (1956)	Representative from PNC-ICID			PNC-ICID has been requested to send nominations for the Group
27.	Saudi Arabia (1977)	Representative from SACID			SACID has been requested to send nomination for the Group
28.	South Korea (1970)	Prof. (Ms.) Kyung Sook Choi (2015)		•	Attended meeting in 2017 and contributed in 2016, 2017, 2018, 2019 and virtual meetings in 2021
29.	South Korea (1970)	Ms. Jeong Min, Ryu – Young Professional (2017)			Attended meeting in 2017
30.	Sri Lanka (1950)	Eng. W.B. Palugaswewa (2016)	#		
31.	Sri Lanka (1950)	Eng. (Ms.) Talatha Janaki Meegastenna (2022)	#	•	
32.	Tajikistan (1997)	Representative from TAJCID		#	TAJCID has been requested to send nominations for the Group
33.	Thailand (1950)	Mr. Arthon Suttigarn (2012)	•		Attended meetings in 2015, 2016, 2018, 2019 and virtual meetings in 2021
34.	Uzbekistan (1994)	Mr. Ilkhom Juraev (2015)		•	Contributed in 2016 and virtual meetings in 2021
35.	Vietnam (2018)	Dr. Dao Trong Tu (2018)			Attended virtual meeting in 2021

**B. New nominations received from the National Committee/ Direct Member**

No.	Name	Country	Remarks
1	Mr. David John Cameron	Australia	Attended the virtual meetings on 10 July and 12 April 2023
2	Dr. Arvind Kumar - Direct Member (IWF)	India	Attended the virtual meeting on 10 July 2023
3	Mr. Egemen Gürsoy	Turkey	Attended the virtual meeting on 10 July 2023
4	Dr. Masaomi Kimura	Japan	Recommended as a member, subject to his presence else a provisional member



**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES**

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2021	Milestone for ear 2022	Milestone for Year 2023	Milestone for Year 2024	Responsibility
<b>C3. Strategy:</b> Promoting Regional Cooperation	3.5 Enhance Linkages between National Committees for International Cooperation	Technical Report	Enhancement of Linkages between NCs for International Cooperation through Knowledge Sharing and Event organization	Enhancement of Linkages between NCs for International Cooperation through Knowledge Sharing and Event organization	Enhancement of Linkages between NCs for International Cooperation through Knowledge Sharing and Event organization	Enhancement of Linkages between NCs for International Cooperation through Knowledge Sharing and Event organization	
	3.6 Broaden relationship and mutual understanding and cooperation between NCs from developing countries and developed countries	Collaboration/ MoU	Exchange visits/ training between NCs	Exchange visits/ training between NCs	Exchange visits/ training between NCs	Exchange visits/ training between NCs	
	3.7 International conference/ workshop/ seminar	Compilation of proceedings	Review of the Process, Organization, and Outcomes of the 8th Asian Regional Conference, May 2018, Nepal	MoU between NCs	Collaborated Preparatory Works for the 9th Asian Regional Conference with IACID	Workshop and/or Session in 9th Asian Regional Conference, Sep. 2024, Australia.	
				Participation in 9th World Water Forum (WWF9), March 2022, Senegal			
				Participation in 4th Asia-Pacific Water Summit (APWS4), April 2022, Japan			
<b>C4. Strategy:</b> Compile, Collate and Share Knowledge and Experiences	4.4 Special joint Publication on Agricultural Water Management for Sustainable Rural Development	Side Event with AARDO (African-Asian Rural Development Organization) (held in 2018)					
			WG Workshops on Impacts of COVID-19 on Agricultural Water Management in Asia				
	4.21 Report on “Contribution of Agricultural Water to the Rural Development in Asia”	Technical Report (“Contribution of Agricultural Water to the Rural Development in Asia” was published in 2018)		Workshop on Irrigation and Drainage for Asian Food Security in Asia, in 73rd IEC, Oct. 2022, Australia	Workshops on Irrigation and Drainage for Asian Food Security in Asia, in 74th IEC, Nov. 2023, India	The formal release of the Report at 9th ARC, Sep. 2024, Australia	
<b>D3. Strategy:</b> Facilitate Development of Intersectoral Platforms Involving NCs	3.1 Developing inter-sectoral engagement		Collaboration with PAWEES and INWEPF	Collaboration with PAWEES and INWEPF	Collaboration with PAWEES and INWEPF	Collaboration with PAWEES and INWEPF	
			Organizing multisectoral events /workshops	Organizing multisectoral events /workshops	Organizing multisectoral events /workshops	Organizing multisectoral events /workshops	



**PROPOSED TECHNICAL REPORT OF ASRWG ON  
IRRIGATION AND DRAINAGE FOR ASIAN FOOD SECURITY – NAME OF COUNTRY/COMMITTEE**

**Why this report**

WE HAVE A LONG WAY TO GO – World Food Summit (1996) and Millennium Summit (2000) suggested cutting the number of under-nourished to half (by 2015) by bringing people out of poverty and enjoying a reasonable happy life with at least two square meals a day. But, unfortunately, the population of undernourished people is still about 768 million in the world (FAO, 2020).

The current world population of 7.8 billion is expected to reach 8.6 billion in 2030 and 9.7 billion in 2050, according to Population Reference Bureau (2021). Most of the addition will be in developing countries and we would need to double our food production to feed these people. Regionally, the population of Asia is 4.7 billion and is expected to reach 5.2 billion by 2050. The two populous countries in the world: China (1.41 billion) and India (1.39 billion) are here in Asia. To feed the future population, agricultural growth must increase many times. Many factors influence this agricultural growth vis-a-vis food grain production. Modernization of agricultural water management, among others, plays a crucial role in increasing food production thereby possibly reducing undernourishment and achieving the challenge of Zero Hunger by 2030.

In order to alleviate Asia from hunger and achieve Zero Hunger by 2030, country/committee strategies for food security have to be evolved, developed, and promoted. It is, therefore, proposed to invite country/committee case studies from member countries on food security in the following format:

**Structure of the Country/committee Case Studies (About 12 Pages)**

Chapters	Title	No. of pages
1	Introduction (Geography, etc.)	1
2	Population (Status, Density/ in agricultural, etc.)	1
3	Climate and rainfall (Temp, snow, etc.)	1
4	Area under agriculture, irrigation, and drainage (Status, GCA/CCA, crop production land use, etc.)	2
5	Role of Water resources management (Water resource development, top 3 dams and capacity, reduce gap?? between irrigation potential and utilized, water policy and governance, investments, reclaiming waterlogged /saline lands, etc.)	3
6	Intercessions for food security (Food bank, infrastructure, etc.)	1
7	Role of research and development (Appropriate technology, Effective capacity development, database, Innovative crop management technologies, etc.)	1
8	Progress in Reducing Food Insecurity (Food stocks, goals, impact of COVID-19, etc.)	1
9	Way Forward: Country/committee strategy for food security	1
10	References	

These country/committee case studies will be assembled into a Technical Report of the ASRWG to be released at ARC9 in September 2024. To enrich the technical report, a few special papers from organizations such as FAO, IWMI, WB, etc. may be invited. The outcome of ARC9 / Declaration / Statement and/or recommendations may also be included.

The **Technical Report of ASRWG**, therefore, may have the following structure:

- **Part I** Introduction (Scope, purpose, etc.) (4 pages)
- **Part II** International perspective on Asian food security (up to 3 invited papers, 10 pages each, from international organizations such as FAO, IWMI, WB, etc.) (30 pages)
- **Part III** Country/committee strategy for food security (up to 12 country/committee case studies, 12 pages each, from ASRWG/ICID members countries) (144 pages)
- **Part IV** Way Forward: Asian strategy for food security (4 pages), **(A total of about 182 pages)**



**9<sup>TH</sup> ASIAN REGIONAL CONFERENCE (ARC9)  
01-07 September 2024 at Sydney, Australia**

**INTERNATIONAL WORKSHOP ON 'AGRICULTURAL WATER MANAGEMENT  
FOR FOOD SECURITY: MORE THAN MODERNIZATION'**

**Scope:** WE HAVE A LONG WAY TO GO – The World Food Summit (1996) and Millennium Summit (2000) suggested a target of cutting the number of under-nourished to half (by 2015) by bringing people out of poverty and enjoying a reasonably happy life with at least two healthy meals a day. Unfortunately, the population of undernourished people is still at least 768 million in the world (FAO, 2020), in spite of the modernization of agricultural water management in pursuit of improved productivity in recent decades.

The current world population of 7.8 billion is expected to reach 8.6 billion in 2030 and 9.7 billion in 2050, according to the Population Reference Bureau (2021). Most of the population increases will be in developing countries and we would need to double our food production to feed these people. Regionally, the population of Asia is 4.7 billion and is expected to reach 5.2 billion by 2050. The two most populous countries in the world: China (1.41 billion) and India (1.39 billion) are here in Asia. To feed the future population, the growth in agricultural production must increase many times, and at a faster rate than population growth. Many factors influence this agricultural growth vis-a-vis food grain production. Modernization of all aspects of agricultural water management, among other factors, plays a crucial role in increasing food production thereby hopefully reducing undernourishment and achieving the challenge of Zero Hunger by 2030. We need to be part of the 2023 UN Food Systems Stocktaking Moment – Transforming Food Systems in Asia and the Pacific.

In spite of all efforts, including modernization (partial so far), the world failed to cut the number of under-nourished to half by 2015, and given the current trends, it is likely that the world will again miss the challenge of Zero Hunger by 2030. If the target of Zero Hunger by 2030 is to be achieved, the world has to go beyond modernization. In other words, innovative food production solutions have to be considered, developed, and promoted. At both a regional and global level, the likelihood of serious food shortages in the Asia region in the next 10-15 years poses considerable strategic and political risk to governments, beyond that of just agriculture and its dependent communities.

There are challenges, many beyond the scope of ICID and its partners. A primary challenge for ICID is continuing low water use efficiency, but equitable water distribution, the high cost of modernization, fertilizers, and pesticides, and the structure and functioning of agricultural produce markets are also factors. There is also evidence of missing skills and inadequate knowledge of sound irrigation practices by government officials and farmers, and weak overall governance. Politics, policy, social license, and other issues need to be considered if modernization gains are to be fully realized. Sound economic management is critical and solutions must take advantage of readily available technologies, with strong farmer involvement and collaboration to share costs and risks.

**Theme: Agricultural Water Management for Food Security: More Than Modernization**

- Sub-theme 1:** Improving water governance for food security, policy and investment through stakeholder partnerships
  - Sub-theme 2:** Cost-effective, fit-for-purpose Modernization (infrastructure and management) at the farm level
  - Sub-theme 3:** Ensuring that irrigation farmers reap the benefits of changed water governance and access to technologies for improved productivity and increases in food production
  - Sub-theme 4:** Water-Food-Energy Nexus for Asian food security
- Sub-themes for beyond modernization:**
- Sub-theme 5:** Enhancing skills and attitudes of government officials and farmers

**Themes for Internal workshops by ASRWG (part of annual meeting, 90 minutes)**

- (a) 'Impacts of COVID-19 pandemic on Agricultural Water Management in Asia'. (2021) – current short papers need to be expanded to 10 pages each
- (b) Asian strategy for food security – country case study presentations (2023)

**Themes for International workshops by ASRWG (1/2 day – 180 minutes)**

- (a) Australian experiences on modernization and how they have contributed to improved productivity (2024)
- (b) Towards a resilient Asia: Ensuring a sustainable and equitable future for food production (TBD)

[The 9th Asian Regional Conference (ARC9) will be held on 01-07 September 2024 in Sydney, Australia]

**Scope:** For each of these sub-themes and workshops, a 1-page scope needs to be developed to help ensure that the intent of the sub-theme is understood.

**Format:**

- (a) Invited speakers
- (b) Submitted papers (and posters)
- (c) Targeted workshop

**Timeline:** (to be decided)

- (a) Submission of abstracts (max. 300 words): TBD
- (b) Notification of acceptance: TBD
- (c) Submission of full papers (max. 10 pages): TBD
- (d) Notification of acceptance: TBD



**AGENDA FOR THE 29<sup>TH</sup> MEETING OF THE  
EUROPEAN REGIONAL WORKING GROUP (ERWG)**

5 November 2023, 09:30-11:00 hours (Session-I)  
5 November 2023, 11:30-13:00 hours (Session-II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Presented by the Chairman**

**Year of Establishment: 1995**

**Mandate:** The mission of ERWG is to promote awareness about critical ICID relevant water issues at all levels in Europe and to pay special attention to the environmentally sustainable water management in Europe.

**Website:** [http://icid-ciid.org/inner\\_page/106](http://icid-ciid.org/inner_page/106)

**ERWG Agenda Item 1: Action Taken Report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the European Regional Working Group at its 28<sup>th</sup> meeting held on 7 October 2022.
2. ERWG Chair VPH Dr. Marco Arcieri (Italy) organized the First Virtual meeting of the group on 18 August 2023 wherein eighteen members/representatives participated. During the virtual meeting, Chair discussed various activities like strengthening the membership in Europe, Road Map to ICID Vision 2030, organizes seminars/workshops/sessions related to agricultural water management in Europe, updated activities of Focus Groups, updating the webpage of ERWG, task force on legislative framework on agricultural drought mitigation regional (TF-DMD), webinar/web-based seminar etc. The online minutes of the ERWG have been circulated to the members of the RWG for their information. The minutes of the virtual meeting of all technical working groups have been uploaded on a dedicated webpage (ICID Workbodies Virtual Meeting) at [https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152) Chair will provide further updates at the meeting.
3. Estonia National Committee of ICID has nominated Engr. Anu Nemvalts (Estonia) for the membership of RWG.
4. Chairman in consultation with Vice-Chair, Secretary of the WG and the Central Office has updated the membership of the WG as given at **Annex 1** (*refer electronic version for latest list*). New nominations, if any, for the membership received will be dealt suitably after the meeting.

**ERWG Agenda Item 1.1: Strengthening the membership in Europe**

5. In order to strengthen the membership in European countries, the WG discussed the challenge of strengthening the membership of ICID within Europe with the member countries/representatives in Europe during the meetings held in 2020, 2021, 2022 and virtual meeting held on 18 August 2023. During these meetings after deliberations in detail, following decisions/action points were agreed: (1) ERWG needs to create a stronger and more compelling case to (a) attract new members, and (b) communicate with potential funding sources in government and industry to communicate the value of ICID to Europe based professionals and organizations; (2) to develop an ICID-Europe communications strategy and communication documents for ICID-Europe in order to first target at the potential members and the second aimed at existing and potential funding agencies to help justify the allocation of resources; (3) to connect with African Regional Working Group (AFRWG) in order to support activities of NCs in Africa; (4) to attract Young Professionals to the activities of ICID/ERWG; (5) to promote bilateral connections and cooperation between NCs; (6) to explore expanding activities to cover coastal flood management which is very relevant to NCs in Europe; and (7) to make full use of social media platform to reach target audience.
6. **Reactivation of National Committees (NCs) in Europe:** As reminder, ICID Central Office has again contacted the Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Germany, Greece, Lithuania, Macedonia, Poland, Serbia, Slovak Republic & Switzerland and requested them to reactivate/ renew their membership by becoming member of ICID once again. In order to bring more European countries into ICID fold, ICID Central Office has approached the countries of Albania, Andorra, Armenia, Belarus, Belgium, Bolivia, Bosnia & Herzegovina, Denmark, Iceland, Kosovo, Latvia, Liechtenstein, Luxembourg, Malta, Moldova, Monaco, Montenegro, Norway, San Marino and requested their Ministry of Water Resources / Agriculture to join the

<sup>1</sup> This will also include details of membership of ERWG as **Annex**

membership of ICID. The below information related to various responses received from Associate Members in Europe for reactivation:

7. Dipl.-Ing. Dr. Peter Cepuder (Austria), Direct Member, informed that Austrian National Committee (AUCID) will rejoin as 'country member' after the approval from the Ministry of Agriculture.

8. Dr. Klaus Rottcher (Germany), Direct Member, informed that he will contact the new Minister/Secretary office in the Ministry of Agriculture for reactivation of German National Committee (GENCID).

9. Engr. Tomasz Janczak (Poland) informed that Poland National Committee (POCID) has shown their interest for reactivation.

10. In order to reactivate the country membership of Netherlands National Committee (NETHCID) in the ICID fold, Mrs. Charlotte de Fraiture, Chairperson, NETHCID has communicated that they will not be able to continue their membership due to financial constraints. President Honorary, Prof. Dr. Bart Schultz (The Netherlands) has assured that he will get in touch with the concerned authorities in the Ministries for reactivation the Netherlands National Committee.

11. WG members will deliberate on the present status of membership and ways and means to meet the challenge of strengthening membership of the RWG. Chair will apprise the members of the RWG about the further progress at the meeting.

**ERWG Agenda Item 2: Road Map to ICID Vision 2030 –Status of Activities relevant to European Region**

12. During the Adelaide meeting (2022), the group reviewed the Action Plan of 'Road Map to ICID Vision 2030' (refer **Annex 2**) and focused on strengthening the membership of ICID within Europe. The group members agreed that focus areas of the group remain under three goals such as: (1) **Strategy B1**: Supporting Development of Appropriate Policies: Disseminate the policy paper within ICID; (2) **Strategy C3**: Prompting Regional Cooperation: Preparation of ICID Europe – brochures (*one for use towards Ministries and other institutions and another to attract Young Professionals and others to take part in ICID activities*); and (iii) **Strategy F1**: Enhancing Institutions Capacity Development in Member Countries: Sharing online NC's work programmes and activities.

13. WG members may like to review the Road Map and update it during the meeting. Chair will provide further updates, if any, at the WG meeting.

**ERWG Agenda Item 3: Seminar/Session related to Agricultural Water Management in Europe**

14. The French National Committee of ICID (AFEID) communicated that the Framework of the Scientific and Technical Committee on Agricultural Water (COSTEA) organised an International Seminar of COSTEA2 from 21-25 November 2022 at Montpellier, France. The report summarized the final feedback on the 4 challenges and the 12 actions developed by COSTEA2. The exercise that led to this summary aimed to identify meta-messages on which there was consensus and that cut across the various actions of the project. Further, Vice President Bruno Grawitz informed that the project is financed by the French Development Agency (FDA) and implemented by AFEID. The COSTEA project aimed to produce knowledge and share experiences between French irrigation stakeholders and AFID's partner countries in order to support agricultural water operations and policies. More than 430 members and 90 institutions (active in four specific geographical areas like Western Africa, Mediterranean region, Southern-East Asia and Latin America). The outcome / feedback of the COSTEA Seminar is available at [https://icid-ciid.org/icid\\_data\\_web/Report-COSTEA-Seminar2022.pdf](https://icid-ciid.org/icid_data_web/Report-COSTEA-Seminar2022.pdf) Vice President Bruno Grawitz / AFEID representative will provide further updates at the meeting.

15. The French National Committee of ICID (AFEID) organized a workshop on 'Salon International de Agriculture' in 2023 at Paris, France. ICID Central Office has requested AFEID to provide further updates at the meeting.

16. During the 1<sup>st</sup> Virtual meeting of the group, Chair Dr. Marco informed that he has received an invitation from Engr. Jose M Gonzalez Ortega (Spain), Presidente de AERYD for attending the 39<sup>th</sup> Spanish National Congress of Irrigation, organized by Spanish Irrigation and Drainage Association (AERYD), the Ministry of Agriculture, Fisheries and Food, the University of Jaén, the Úbeda City Council, the Junta de Andalucía and the Guadalquivir Hydrographic Confederation from 18-20 October, 2023 at Úbeda (Jaén), Spain. In this regard, Spanish Irrigation and Drainage Association has also invited ERWG member countries / representatives to participate in the Session and discuss the difficulties and challenges that the irrigation sector will face due to climate change, and how these could be addressed. Chair will provide further updates at the meeting.

17. During the meeting with President Prof. Dr. Ragab Ragab, Vice President Bruno Grawitz confirmed that AFEID would organize a Seminar on the 'Mediterranean region and Europe, with an emphasis on wastewater



reuse in a global context of drought' in November 2024 at Montpellier, France. VP Bruno Grawitz/AFEID representative will provide further updates at the meeting.

18. Further, Chair has requested members of the RWG to share relevant information about seminars, sessions, workshops etc. planned to be organised in their country for publicizing the events to countries in Europe. Accordingly, ICID Central Office requested the members of the group to share the information on seminars/sessions etc. to Chair. Chair may provide further updates at the meeting.

#### **ERWG Agenda Item 4: Links with regional and trans-national organizations for co-operation**

19. WG discussed the need to strengthen linkages among relevant organizations in each member country and also across the European region. In this regard, WG reviewed the list of cooperating organizations, reducing the list to organizations with a reasonable expectation of collaboration in the coming years. ERWG included 7 National Water Management Associations, 5 European professional organizations and 5 European Water Management institutes in the list (**Annex 3**). WG requested its members/NCs to strengthen linkages and cooperation with these regional and transitional organizations as well as to provide details of the contact person (s). WG will deliberate on actions taken up for interaction and cooperation with these regional and transitional organizations during the meeting.

20. During the last meeting, Chair VPH Dr. Marco Arcieri briefed the members of the group about the possibility to establish a cooperation with CiHEAM (Centre for High Agronomic Studies in the Mediterranean) at Paris. Dr. Marco informed that MoU between CiHEAM and ICID would develop for the activities of capacity building and training for Young Professionals. VPH Dr. Marco will provide further updates, if any, at the meeting.

#### **ERWG Agenda Item 5: Activities of Focus Groups of ERWG**

21. WG discussed the activities of 'Focus Groups' and decided to have following five Focus groups based on their relevance to Europe: (a) Focus Group on History (WG-HIST) led by VPH Laszlo Hayde (Hungary); (b) Focus Group on Environment (WG-ENV) led by Mrs. Seija Virtanen (Finland); (c) Focus Group on Sustainable Drainage (WG-SDRG) led by Dr. Irene Bondarik (Russia); (d) Focus Group on Water Related Risks led by Prof. Klaus Roettcher (Germany) & Mr. Olli-Matti Verta (Finland) and (e) Focus Group on Irrigation and Drainage in the States under Socio-economic Transformation (WG-IDSST) led by VPH Peter Kovalenko (Ukraine).

22. Focus Group lead members will apprise the members of the ERWG on the latest updates/developments in respect of their respective Focus Groups at the meeting.

#### **ERWG Agenda Item 6: Task Force on Legislative Framework on Agricultural Drought Mitigation for European Regional (TF-DMD) – Updates**

23. A Task Force on Legislative Framework on Agricultural Drought Mitigation for European Regional (TF-DMD)<sup>2</sup> was established with mandate to (i) Improve drought risk management; (ii) Consider additional water-supply infrastructures; and (iii) Promote water-efficient technologies and practices. Chair VPH Dr Marco is leading the TF-DMD. Concept Note, together with mandate, scope and objectives of this TF can be accessed at [https://icid-ciid.org/icid\\_data\\_web/tf-drm.pdf](https://icid-ciid.org/icid_data_web/tf-drm.pdf).

24. During Adelaide meeting (2022), Chair Dr. Marco updated the members of the group about the results of his studies and research conducted on Drought Prediction. Dr. Marco informed that results of his research activities will be submitted for publication in the Journal 'Irrigation and Drainage' in the revised short form of a scientific paper titled "Drought Prediction in Southern Italy based on ENSO Observation" and the full version of the paper (about 150 pages) would be produced as an output of ERWG. Further, Chair Dr. Marco presented the main results of the paper currently under review. ICID Central Office has requested Dr. Marco to share the results of the paper on drought prediction for uploading on the WG webpage / ICID website for dissemination. Chair Dr. Marco will provide further updates at the meeting.

#### **ERWG Agenda Item 7: Proposed workshop of the Working Group**

25. During the Adelaide meeting, RWG decided that the proposed workshop on groundwater management and seawater intrusion to aquifers could be organized in virtual mode as a European Regional workshop event. VPH Dr. Marco has agreed to take a lead along with VPH Laszlo Hayde for organizing a workshop of the group and share the announcement with ICID CO for circulation among the members of the RWG.

26. Accordingly, ICID Central Office has requested VPH Dr. Marco Arcieri & VPH Laszlo Hayde to share the announcement etc. so that it can be shared to the members of the group for information. Chair Dr. Marco Arcieri / VPH Laszlo Hayde will provide updates at the meeting.

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<sup>2</sup> TF-DMD was established vide Resolution IEC-2/69 during the 69<sup>th</sup> IEC meeting held in August 2018 at Saskatoon, Canada.

**ERWG Agenda Item 8: Dissemination of activities of WG**

**ERWG Agenda Item 8.1: Website of the Group**

27. The ERWG website ([http://icid-ciid.org/inner\\_page/106](http://icid-ciid.org/inner_page/106)) has been updated with the membership list, agenda, minutes, paper presentations, publications etc. Members are requested for their active participation in the activities of the WG and facilitate exchange of information, knowledge, and experience, as well as networking on the topic related to mandate of the WG. Members are also requested to provide information, papers, presentation made on topics related to scope of work of the WG to the ICID Central Office for uploading on the website of the RWG. In order to ensure regular contribution of the members, WG is encouraged to make full use of Zoom platform for virtual meetings in between face-to-face meeting during IEC.

**ERWG Agenda Item 8.2: Webinar / Web-based Seminar**

28. The potential for webinars to disseminate relevant experience and information about water management in Europe among ICID member countries was discussed at the Adelaide meeting. It was agreed that the RWG would organize 3 to 4 webinars per year based on the mandate of the group. Chair requested the members of the group to participate and contribute their activities in the upcoming webinars of the WG. In this regard, VPH Irena Bondarik (Russia) had proposed last year series of Webinars concerning precise land reclamation and eco-system water management. Accordingly, ICID Central Office has requested Chair Dr. Marco to organize the webinar in consultation with members of the group based the mandate. Chair will provide further updates at the meeting.

**ERWG Agenda Item 9: Any other business**

**10.1 ICID Members' Profile Section:** As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 < <https://icid.bmeurl.co/C7D4D2E> > informed all members on how to access their account and change their password to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**10.2 Register on World Irrigation Projects (WIP):** ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by the National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world, especially in their respective countries to contribute to the register. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vishakhapatnam, Andhra Pradesh, India after the meeting.
2. Chair to participate and present the ERWG report to PCSPO meeting on 6 November 2023.

**MEMBERSHIP OF EUROPEAN REGIONAL WORKING GROUP (ERWG)**

Sl. No.	Countries (Year of joining)	Present representatives (Year of Joining)	Remarks
1.	Italy (1950)	VPH Dr. Marco Arciero, <b>Chairman, 2022</b> (2015)	Attended RWG meetings in 2016, 2017, 2018, 2019, 2020, 2021, 2022 & 2023 (online)
2.	Finland (2000)	Mr. Olli-Matti Verta, <b>Secretary, 2011</b>	Attended the RWG meetings in 2016, 2017, 2018 (represented), 2019, 2020, 2021, 2022 & 2023 (online)
3.	Estonia (2001)	Mr. Hannes Puu (2015)	Represented in the WG meeting in 2015, 2018, 2019, 2021, 2022 and 2023 (online)
4.	France (1953)	Dr. Sami Bouarfa (2013)	Represented in the WG meeting in 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022 & 2023 (online)
5.	Georgia (2017)	Mrs. Nata Khutsurauli	Attended the meeting in 2017, 2019, 2020, 2021, 2022 & 2023 (online)
6.	Hungary (1955)	VPH Dr. Laszlo Hayde	Attended the meeting in 2016, 2017, 2018, 2019, 2020, 2021, 2022 and 2023(online)
7.	Ireland (1978)	Dr. John Martin (2003)	-
8.	Netherlands (1950)	VPH Prof. Dr. Charlotte de Fraiture (représentative)	PH Bart Schultz and VPH Prof Charlotte de Fraiture from Netherlands attended the meeting in 2016, 2017, 2018, 2019, 2020, 2021, 2022 & 2023 (online)
9.	Portugal (1954)	Mr. Pedro Eduardo da Cunha Serra (1996)	-
10.	Russia (1955)	VPH Dr. Irena Bondarik	Attended the WG meetings in 2016, 2017, 2018, 2019, 2020, 2021, 2022 & 2023 (online)
		Dr. Irina G. Pankova	Young Professional (2007)
11.	Spain (1955)	Ing. Inmaculada Bravo Dominguez (2021)	Attended the online meeting of ERWG in 2020 (reactivated membership with effect from 1.1.2021), 2022 & 2023 (online)
12.	Ukraine (1996) 2014	VPH Prof. Dr. Peter Kovalenko, Ex-Vice Chairman, 2005 (1999)	Attended the meeting in 2016 & 2017 and 2019, 2020 & 2021
13.	United Kingdom (1951)	VPH Ian Makin, Ex-Chairman, ERWG PH Peter S. Lee	VPH Ian Makin (2014), Ex-Chairman (2015-2021)  Attended the WG meetings in 2015, 2016, 2017, 2018, 2019, 2020 & 2021. PH Peter S Lee attended the meeting in 2017, 2018, 2020, 2021, 2022 & 2023 (online) as Observers.
<b>Ex-Officio Member</b>			
1.	Russia	Mr. Peter Alexey Yurievich (2014), Chairman, erstwhile European Work Team on Drainage, EWTDR	-

**Associate Members:** Austria, Croatia, Czech Republic, Germany, Greece, Lithuania, Poland, Romania, Serbia, Slovakia, Slovenia and Switzerland.



**ROAD MAP TO ICID VISION 2030 – ACTIVITIES RELEVANT TO EUROPEAN REGION**

Goals	Activity	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024
<b>Goal B: Be a catalyst for change in policies and practices</b>										
<b>Strategy B1 : Supporting Development of Appropriate Policies</b>	1.7 Review of European/NC policy documents related to water resources that impact irrigation and drainage sector	Technical Report	Compilation of various policies related to water resources by Members in their country and start review few most important policy document	Draft of policy review report with recommendation	Finalisation and issue of policy review report  Continuation of review of remaining policy document		Report finalized and published on-line	Preparation and submission to Journal of Irrigation and Drainage.		??
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>										
<b>Strategy C3 : Promoting Regional Cooperation</b>	3.1 Orgnaise workshops/ Seminar etc.	Proceedings of workshop/seminar	To decide on theme and sub-themes for the workshop/seminar to be organised as internal/international workshop in the WG meeting	Workshop/ Seminar	Workshop/ Seminar including publication of outcome/ recommendations from previous workshop	Workshop/ Seminar including publication of outcome/ recommendations from previous workshop	Workshop/ Seminar including publication of outcome/ recommendations from previous workshop	Webinar (i) Role of precision agriculture and land reclamation in the green economy. Russian NC. March/April 2021	Webinar series continued	??
<b>Goal F: Facilitate capacity development</b>										
<b>Strategy F1 : Enhancing Institutional Capacity Development in Member Countries</b>	1.5 To launch from Europe an international e-Discussion on Water issues and/or Environmentally Sustainable Water Management from Europe for Young Professionals	Knowledge sharing and capacity development of YP	e-Discussion on Water issues and/or Environmentally Sustainable Water Management in Europe like as 'IYPEF'	e-Discussion on Water issues and/or Environmentally Sustainable Water Management in Europe like as 'IYPEF'	e-Discussion on Water issues and/or Environmentally Sustainable Water Management in Europe like as 'IYPEF' Organise a Side Event in WIF3	e-Discussion on Water issues and/or Environmentally Sustainable Water Management in Europe like as 'IYPEF'	e-Discussion on Water issues and/or Environmentally Sustainable Water Management in Europe like as 'IYPEF'	Developme nt of Mediterranean regional capacity development node with CIHEAM, Bari.  Support a program of webinars and e-discussions		??

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)



**EUROPEAN REGIONAL WORKING GROUP (ERWG)**

**1. Profile**

The European Regional Working Group (ERWG) of ICID was founded at the 46th IEC Meeting in Rome in September 1995 and is acting under the motto “Comprehensive land and water management in European river basins for the sustainable development of the rural landscape”. The tasks of ERWG can be summarized as follows:

- (a) Knowledge transfer and exchange of experience in matters of border crossing water and land management in European countries
- (b) Co-operation of experts and organisations engaged in national, supranational and international objectives of water management and irrigated agriculture
- (c) Development and promotion of border crossing projects and conferences
- (d) Members are the ICID National Committees of 13 European countries, as below:

Country Representatives			
<b>Estonia</b>	Mr. Hannes Puu	<b>Russia</b>	Dr. (Mrs.) Irena G. Bondarik
<b>Finland</b>	Mr. Olli-Matti Verta	<b>Spain</b>	Representative
<b>France</b>	Dr. Sami Bouarfa	<b>Georgia</b>	Representative
<b>Hungary</b>	Dr. Laszlo Hayde	<b>The Netherlands</b>	Representative
<b>Ireland</b>	Dr. John Martin	<b>United Kingdom</b>	VPH Ian Makin
<b>Italy</b>	VPH Mr. Marco Arciero	<b>Ukraine</b>	VPH Prof. Peter Kovalenko
<b>Portugal</b>	Mr. Pedro Eduardo da Cunha Serra		

- Chairman** : VPH Dr. Marco Arcieri (Italy)
- Vice-Chairman** : to be filled-in
- Secretary** : Mr. Olli-Matti Verta (Finland)
- : Dr. (Mrs.) Irena G. Bondarik (Russia) *for Russian speaking countries*
- Observer** : Mr. Mohammed Benblidia (IME)

**2. Countries with observer status**

- Bosnia & Herzegovina* : Prof. Dr. Mihovil Vlahinic
- Moldova*: Mr. Valeriu Catrinescu

**3. Water Network**

In addition to the European National Committees of ICID, the following organizations/association/institution has been incorporated in the ERWG Water Network:

**A. Five European professional organizations**

- (a) CIPR - Commission Internationale pour la Protection du Rhin
- (b) EurAgEng - Special Interest Group on Soil and Water, European Society of Agricultural Engineers
- (c) EWA - European Water Association
- (d) EWRA - European Water Resources Association
- (e) TECHWARE - Technology for Water Resources

**B. Seven National Water Management Associations**

- (a) BSHE - Bulgarian Society of Hydraulic Engineers
- (b) DWA - German Association for Water Management, Wastewater and Waste (Chair: Prof. Klaus Roettcher)
- (c) DONBH - Society for Irrigation and Drainage of Bosnia & Herzegovina
- (d) LZHIS - Lithuanian Association of Land and Water Management Engineers
- (e) MHT - Hungarian Hydrological Society
- (f) RSRE - Russian Society of Reclamation Engineers
- (g) SITWM - Polish Association for Water Plant Construction and Land Improvement Engineers and Technicians

**C. Five European Water Management Institutes**

- (a) ACVAPROJECT - Water Management Design Institute (Moldova Republic)
- (b) DHI - Danish Hydraulic Institute
- (c) IIDS - Institute of Irrigation and Development Studies, University of Southampton (United Kingdom)
- (d) RIIDHE - Research Institute for Irrigation, Drainage and Hydraulic Engineering (Bulgaria)
- (e) IME - Institut Méditerranéen de l'Eau (France)

**4. Work Results**

- (a) ERWG Letter No. 1 to 20 (newsletters)
- (b) Irrigation Sector Reform in Central and Eastern European Countries (project report book/CD)
- (c) European Sector Vision on Water for Food and Rural Development (report)
- (d) ICID Guide "How to work out a drought mitigation strategy" (guideline)
- (e) Water Resources Management in the Czech Republic, Hungary, Lithuania, Slovenia (book)
- (f) Diffuse Entries in Rivers of the Odra Basin (research report)
- (g) Proceedings of several European conferences
- (h) First and Second CEE WFE Dialogue Reports (Dialogue on Water, Food and Environment – Dialogue on the implementation of the EU Water Framework Directive in Agriculture in the Central and East European Countries) (reports)
- (i) Danube Valley: History of Irrigation, Drainage and Flood Control (book)

**5. Projects**

- (a) Flood risk mitigation by agricultural non-structural measures
- (b) Drought mitigation strategies
- (c) Implementation of the European Water Framework Directive
- (d) Flood plain management on Odra, Nemunas and Vistula
- (e) Flood prevention strategies
- (f) Point and diffused pollutants in the Odra basin
- (g) Sustainable irrigation and drainage management under the conditions of transitional economy
- (h) Dialogue on water for food and environmental security in Central and Eastern Europe



**AGENDA FOR THE 34<sup>TH</sup> MEETING OF THE  
COMMITTEE ON CONGRESSES/CONFERENCES (C-CONGR)**

6 November 2023. 09:30-11:00 Hours (Session-I); and 6 November 2023, 11:30-13:00 Hours (Session-II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Presented by the Chairman**

**Year of Establishment: 1990**

**Members:** (1) Vice President Mr. Kushvinder Vohra, Chairman; (2) Mr. Rishi Srivastava (India); (3) VPH Dr. Yella Reddy (India); (4) Mr. Avanti Verma (India); (5) Mr. Momir Vranes (Australia); (6) Dr. El Houssine Bartali (Morocco); (7) Prof. Fethi Lebdi (Saudi Arabia); (8) Dr. Bahrom Gaforzoda (Tajikistan); (9) );(10) Mr. Ismayatim Bin Hamdan (Malaysia); (11) Eng. Nisreen Sami (Iraq); (12) Mr. M.Z. Fatah (Indonesia); (13) Engr. Peter Henry Sule (Nigeria); (14) Vice President Burno Grawitz (France); (15) Mr. German Martinez Santoyo (Mexico); and (16) Er B.A. Chivate, Director (Technical), ICID Central Office, New Delhi, India.

**Website:** [http://icid-ciid.org/inner\\_page/107](http://icid-ciid.org/inner_page/107)

**C-CONGR Agenda Item 1: Action taken report by Chairman**

1. Mr. Kushvinder Vohra (India), Vice President, ICID and Chairman of C-CONGR may like to present a report on the actions taken on the various decisions / proposals of the Committee since 33<sup>rd</sup> meeting of C-CONGR at Adelaide, Australia in 2022.

**C-CONGR Agenda Item 2: Revised mandate and new Membership Composition of the Committee**

2. The new membership and revised mandate of the C-CONGR was approved by IEC in 2021 (Resolution IEC-2/72) at Adelaide, Australia. The following new membership and revised mandate of the C-CONGR is given below for information:

**New Mandate of C-CONGR:**

- (a) Representatives from previous events are required to present a summary report to the first meeting of C-CONGR following their event that includes attendance, financial performance, and recommendations for future events. This requirement should be a condition of the LoA.
- (b) National Committees wishing to hold a future Congress/WIF/Regional Conference must make a report to C-CONGR outlining their plans including location, dates, expected attendance, financial budget, registration fees etc. C-CONGR will consider these reports and make a recommendation to PCSO whether to grant the event to the NC.

**New membership composition of C-CONGR:**

- (a) A Chair who is a representative from the Organizing Committee (OC) of the next Congress.
- (b) Two further members from the National Committee for the next Congress and a YP representative if available.
- (c) A representative from each of the confirmed future ICID events (Congress/WIF/Regional Conferences).
- (d) A representative from the previous Congress/WIF.
- (e) A representative from ICID CO who will also provide secretarial services.

3. Chairman may like to apprise the members during the Committee meeting.

**C-CONGR Agenda Item 3: Overview of 25<sup>th</sup> ICID Congress & 74<sup>rd</sup> IEC, 1-8 November 2023 at Vishakhapatnam (Vizag.), Andhra Pradesh, India – Updates**

4. Vice President Mr. Kushvinder Vohra (India), Chairman of the C-CONGR will apprise the Committee members about the overview of the 25<sup>th</sup> ICID Congress and 74<sup>th</sup> IEC meetings at Vishakhapatnam, Andhra Pradesh, India. The mega event of 25<sup>th</sup> International Congress on Irrigation and Drainage and 74<sup>th</sup> International Executive Council (IEC) meetings will be held during 1-8 November 2023, Vizag., Andhra Pradesh, India and organized by host Indian National Committee on Irrigation and Drainage (INCID) in cooperation with Ministry of Jal Shakti (Govt. of India), Central Water Commission (CWC), State Government of Andhra Pradesh and International Commission on Irrigation and Drainage (ICID). The main theme of the Congress is 'Tackling Water Scarcity in Agriculture'.

5. During the 25<sup>th</sup> ICID Congress, papers / posters addressing two Questions i.e. Q. 64: What alternative water resources could be tapped for irrigated agriculture? and Q.65: What On-farm techniques can increase water productivity? will be discussed. More than 250 abstracts and 150 full length papers/posters have been received, reviewed, and edited for the Congress. An 'Abstract Volume' and a USB containing full papers will be published for the Congress and also made available to each registered delegate.
6. In addition, this year, five working groups like WG-CLIMATE, WG-SDTA, WG-WEF\_N, WG-LDRG and WG-NCWRI are organizing its international workshops during the 25<sup>th</sup> ICID Congress in November 2023 at Vizag., Andhra Pradesh, India. In this regard, ICID Central Office has received the various abstracts from the authors for the WG workshops and the Review Committee has evaluated the abstracts for inviting the full-length papers from the selected authors. Chairs of the respective WGs are being received the full-length papers for the WG international workshops. The information on the 25<sup>th</sup> ICID Congress & 74<sup>th</sup> IEC is available on the Congress website <https://icid25congress.in/>
7. The third/final announcement of the 25<sup>th</sup> ICID Congress have been disseminated to NCs, Chairs and workbody members, Officer-bearers (present and past) and other stakeholders of ICID. The host Indian National Committee on Irrigation and Drainage (INCID) has made elaborate plans and set up interesting programmes for the participants as well as the accompanying persons. All the information about the INCID, Congress overview and information, Congress theme, Congress Questions 64 & 65 and sub-questions, venue, programme highlights, list of general reporters and panel experts, registration, sponsorship and technical tours, general information etc. included in the third/final announcement of the 25<sup>th</sup> ICID Congress & IEC Meetings which is available at Congress website <https://icid25congress.in/>
8. **General Reporters and Panel Experts for the Congress:** The General Reporters (one for each Question i.e. Q.64 & Q.65) and the Panel Experts & Chairs and Co-Chairs (one expert for each sub-questions) is an important Technical Team that technically steers the Congress during the preparation for the meeting and conduct of the Congress. In this regard, ICID Central Office has requested the General Reporters and Panel Experts/Chairs & Co-Chairs of the congress sub-questions to share the summary reports and general reports for the 25<sup>th</sup> ICID Congress. Further, the General Reporters have shared their general reports of Congress Questions i.e. 64 & 65 for inclusion in the 'Abstract Volume'. The General Reporters (GRs), Panel Experts (PEs) and numerous Reviewers have done a commendable job by perusing the papers for the Congress, in time.
9. **International Symposium:** The International Symposium, as a part of the Congress, on the theme "Pathways and Technologies for Modern Irrigation Services" is being held during the 25<sup>th</sup> ICID Congress on 04 November 2023 from 11:30-15:30 hours in Vishakhapatnam (Vizag), Andhra Pradesh, India. ICID CO have shared the Concept Note, tentative programme, and contents of the country papers for the International Symposium to National Committees (NCs) and invited the country papers from them and selected authors of papers previously selected for the earlier WIF4 (postponed) from them on the topic in the prescribed format latest by 31<sup>st</sup> July 2023. In response, 12 NCs, including selected papers of earlier WIF-4 (postponed) i.e. Australia, Burkina Faso, Indonesia, Iran, Japan, Nepal, Nigeria, Sahel Region, Somalia, Sri Lanka, and Zimbabwe have shared their country papers to Vice President Hon. Ian Makin, Chairman of the technical Working Group on Modernization and Revitalization of Irrigation Schemes (WG-M&R) and Symposium Coordinator.
10. **INCID Congress Special Session :** As part of the 25<sup>th</sup> ICID Congress, INCID, host country, will organize and conduct a Session (INCID Congress Special Session) on the topic "National Policies for Safe Re-use of Wastewater in Irrigation" on 04 November 2023 (11:30 to 13:00 hours, Session-I & 14:00-15:30 hours, Session-II) at Vishakhapatnam (Vizag), Andhra Pradesh, India. Country papers for this Session will be invited by INCID. ICID CO have shared the background Note and tentative program of the Special Session to host INCID.
11. **Side Events:** This year, fourteen (14) 'Side Events' will be organized during the 25<sup>th</sup> ICID Congress on 2, 3 & 4 November 2023 at Vizag, Andhra Pradesh, India. The International Organizations, together with INCID & ICID will organize the Side Events for encouraging the various interesting topics related to Agricultural Water Management for Sustainable Rural Development. More information related to Side Events, please visit at [https://icid25congress.in/side\\_event.html](https://icid25congress.in/side_event.html)
12. Chair may apprise the members of the Committee.
13. **Encouraging participation of Young Professionals (YPs) in the Congress – An update:** In order to encourage the young professionals, the Central Water Commission (CWC), India- European Union (EU) Water Partnership (IEWP) Action, Phase 2, and International Commission on Irrigation and Drainage (ICID) are jointly organizing a one-day Young-Professional Training Program (YP-TP) during the 25<sup>th</sup> International Congress on 05 November 2023 in Visakhapatnam (Vizag), Andhra Pradesh, India. During the 25<sup>th</sup> Congress, Young Professionals (YPs) will also actively participate and contribute to the '**IEWP-CWC Side Event**' and participate in other sessions from 02-04 November 2023. Under the India-EU Water Partnership Action framework, YP-TP aims to bring together young professionals (YP) in the field of water, agriculture, and other allied subject, from EU Member States, Africa, and India towards joint learnings and exchanges.



The focus will be on the maximum participation of female YPs. On 21 August 2023, ICID Central Office circulated the invitation letter to the National Committees of Africa and Europe and invited female nominations. The last date for receipt of nominations from the NCs to the ICID Central Office was kept as 30 August 2023. The YPs will be provided *to and fro* air travel tickets by the shortest route (economy class); free accommodation and per diem by GIZ/ IEWP. The Chairman may further apprise the members of the Committee.

14. The Indian National Committee on Irrigation and Drainage (INCID) will make a country presentation during the IEC Plenary on 04 November 2023.

**C-CONGR Agenda Item 4: Feedback from the organizer of the past events**

**C-CONGR Agenda Item 4.1: Feedback from 24<sup>th</sup> ICID Congress and 73<sup>rd</sup> IEC, 3-10 October 2022, Adelaide, Australia**

15. Mr. Momir Vranes, representative from Australia NC may further brief the Committee on experience in organizing the 24<sup>th</sup> ICID Congress & 73<sup>rd</sup> IEC with the lessons learned / difficulties faced.

**C-CONGR Agenda Item 4.2: Feedback from 10<sup>th</sup> International Micro Irrigation Conference, 25-27 January 2023 at Dakhla, Morocco**

16. Pr. El Houssine Bartali (Morocco), ANAFIDE representative may further brief the Committee on experience in organizing the 10<sup>th</sup> International Micro Irrigation Conference with the lessons learned / difficulties faced.

**C-CONGR Agenda Item 5: Preparations for the future events for the next 4 years**

**C-CONGR Agenda Item 5.1: First Middle East Regional Conference, 26-28 February 2024 at Riyadh, Saudi Arabia**

17. The Saudi Irrigation Organization (SIO) will organize First Middle East Conference on '**Agricultural Water Resources Management and Irrigation & Drainage**' in cooperation with Saudi Arabia Committee on Irrigation and Drainage (SACID) from 26-28 February 2024 at Riyadh, Saudi Arabia. ICID Central Office has received Letter of Agreement (LoA) along with Form-A of this Conference.

18. The representative from Saudi Arabia Committee on Irrigation and Drainage (SACID) may apprise the members of the Committee about the preparations made and detailed planning for the 1<sup>st</sup> Middle East Regional Conference to be held 26-28 February 2024 at Riyadh, Saudi Arabia.

**C-CONGR Agenda Item 5.2: 14<sup>th</sup> International Drainage Workshop, 30 May - 01 June 2024, Dushanbe, Tajikistan**

19. 14<sup>th</sup> International Drainage Workshop on the theme '**Modernization of Irrigation and Drainage Systems for Adaptation to Climate Change and Sustainable Development**', will be held from 30 May to 01 June 2024 at Dushanbe, Tajikistan. ICID Central Office has received Letter of Agreement (LoA) along with Form-A of this Workshop.

20. Dr. Bahrom Gagorzoda, Secretary of the Tajikistan National Committee on Irrigation and Drainage (TajNCID) may apprise the Committee about the preparations made and detailed planning for the 14<sup>th</sup> International Drainage Workshop to be held 30 May – 01 June 2024 at Dushanbe, Tajikistan.

**C-CONGR Agenda Item 5.3: 75<sup>th</sup> IEC Meeting and 9<sup>th</sup> Asian Regional Conference, 1-7 September 2024, Sydney, Australia**

21. 75<sup>th</sup> IEC meeting and 9<sup>th</sup> Asian Regional Conference will be held on 1-7 September 2024 at Sydney, Australia. The theme of the 9<sup>th</sup> Asian Regional Conference "**Irrigation's Role in delivering economically viable food security and sustainable urban spaces I an increasingly unpredictable climate**" and sub-themes are – (i) Governance – identifying and addressing structural and policy impediments to the adoption of better irrigation practices; (ii) Investment – fit for purpose and cost-effective technologies which support end users to implement sustainable irrigation practices (Environmental, Social, Government and Triple Bottom Line); and (iii) Capacity development – ensuring that end users can access and adapt knowledge and systems to support sustainable irrigation practices. ICID Central Office has received Letter of Agreement (LoA) along with Form-A of this event.

22. The representative from Australia National Committee may apprise the Committee about the preparations made and detailed planning for the 75<sup>th</sup> IEC meeting and 9<sup>th</sup> Asian Regional Conference to be held from 1-7 September 2024 at Sydney, Australia.

**C-CONGR Agenda Item 5.4: 76<sup>th</sup> IEC meeting and 4<sup>th</sup> World Irrigation Forum, 7-13 September 2025, Kuala Lumpur, Malaysia**

23. The representative from MANCID may apprise the Committee about the preparations made and detailed planning for the 76<sup>th</sup> IEC meeting and 4<sup>th</sup> World Irrigation Forum to be held from 1-7 September 2025 at Kuala Lumpur, Malaysia. ICID Central Office has received Letter of Agreement (LoA) along with Form-A of this event.

**C-CONGR Agenda Item 5.5: 11<sup>th</sup> International Micro Irrigation Conference, 2025, Baghdad, Iraq**

24. The representative from IRQCID may apprise the Committee about the preparations made and detailed planning for the 11<sup>th</sup> International Micro Irrigation Conference to be held in 2025 at Baghdad, Iraq.

**C-CONGR Agenda Item 5.6: 6<sup>th</sup> African Regional Conference, 14-18 April 2025, Abuja, Nigeria**

25. The representative from Nigerian National Committee (NINCID) may apprise the Committee about the preparations made and detailed planning for the 6<sup>th</sup> African Regional Conference to be held from 14 to 15 April 2025 at Abuja, Nigeria.

**C-CONGR Agenda Item 5.7: 77<sup>th</sup> IEC meeting and 26<sup>th</sup> ICID Congress, 12-18 October 2026, Marseille, France**

26. Ms Céline Papin, representative from French National Committee of ICID (AFEID) may apprise the Committee about the preparations made and detailed planning for the 77<sup>th</sup> IEC meeting and 26<sup>th</sup> ICID Congress to be held from 12-18 October 2026 at Marseille, France.

**C-CONGR Agenda Item 5.8: 78<sup>th</sup> IEC meeting and 5<sup>th</sup> World Irrigation Forum (WIF-5), Beijing, China in 2027**

The representative from Chinese National Committee of ICID (CNCID) may apprise the Committee about the preparations made and detailed planning for the 78<sup>th</sup> IEC meeting and 5<sup>th</sup> World Irrigation Forum (WIF) to be held in 2027 at Beijing, China.

**C-CONGR Agenda Item 6: Website of the C-C-CONGR**

27. In order to promote the activities of annual events, ICID Central Office has invited the host NCs to make their presentation based on the annual meetings from National Organizing Committees for placing on the ICID website and webpage of C-CONGR through icon 'Presentations'. Central Office has requested the host NCs to share their presentations for preparations upcoming events for uploading the ICID website. Please access [https://icid-ciid.org/inner\\_page/107](https://icid-ciid.org/inner_page/107) for more information of C-CONGR.

**C-CONGR Agenda Item 7: Any other business**

28. **ICID Members' Profile Section:** ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 < <https://icid.bmeurl.co/C7D4D2E> > informed all members on how to access their account and change their password to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

29. **Register on World Irrigation and Drainage Schemes (WI&DS):** ICID has taken an initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation Projects (WIP)". WIP will fulfill the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Members are also requested to encourage all irrigation project owners, managers, and researchers across the world and especially in our member countries for contributing to the register. This facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vishakhapatnam, Andhra Pradesh, Australia after the meeting.
2. Chair to participate and present the WG report to PCSO meeting on 6 November 2023.

**AGENDA FOR THE 43<sup>RD</sup> MEETING OF THE  
PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)**

07 November 2023, 09.30-17.30 hours  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Mandate:** The Permanent Committee for Technical Activities (PCTA) shall be concerned with all the technical activities of the Commission including all publications of ICID. It will be responsible for activities of the technical work bodies, for selection of Questions/Themes for Congresses, Conferences, Special Sessions, Symposia, etc., for settlement of the technical conclusions thereof and for making appropriate recommendations for action thereon.

**Members:** (1) Vice President Prof. Dr. Tsugihiko Watanabe, Chairman (Japan, 2018); (2) Prof. Michele Perniola (Italy, 2018); (3) VPH Dr. Brian T. Wahlin (USA, 2018); (4) VPH Mr. Ian William Makin (UK, 2019); (5) Mr. Satit Maneepai (Thailand, 2020); (6) VPH Dr. Kamran Emami (Iran, 2021); (7) Er. Mohamed Bouaam (Morocco, 2021); (8) Dr. Mohamed Mohsin Hafeez (Pakistan, 2021); (9) Ms. Li Ruoxi (China, 2021) and (10) Er. Ashwin B. Pandya, Secretary General, ICID

**Permanent Observers:** (i) World Bank Representative; (ii) FAO Representative; and (iii) IWMI Representative.

**Ex-Officio Members:** All Strategy Theme Leaders and Chairpersons of all workbodies under PCTA.

**PCTA Agenda Item 1: Presentation/Lecture**

1. India-EU Water Partnership (IEWP)/ GIZ Project Management Unit is organizing Young Professionals' Training Programme during the 25<sup>th</sup> ICID Congress, Visakhapatnam. The Young Professional training program aims to empower young professionals from India and Europe with a comprehensive understanding of emerging irrigation technologies, smart irrigation (AI & IoT-based), and effective water management practices to address water scarcity in agriculture.

2. On behalf of IEWP GIZ, Ms Laura Sustersic, Project Manager will make a brief presentation on the topic of interest to PCTA members which will be followed by a brief Q&A session.

**PCTA Agenda Item 2: ATR on the minutes of the 42<sup>nd</sup> Meeting of PCTA**

3. An Action Taken Report (ATR) on the minutes of the 42<sup>nd</sup> PCTA meeting held on 09 October 2022 is given at **Annex 1**.

**PCTA Agenda Item 3: Membership of the PCTA and Workbodies**

4. As per ICID By-laws 3.9.4 (b), PCTA will be composed of the Secretary-General, who will act as the Secretary of the Committee, a minimum of nine and a maximum of fifteen elected members, as well as ex-officio members. At present, the membership of PCTA is stood at 9 elected members, excluding Secretary-General.

5. The PCTA will review its membership and also consider the proposals from the Chairpersons of various workbodies associated with it for making recommendations to IEC on the changes in the membership of various working groups in accordance with the relevant ICID By-laws governing the membership of ICID workbodies/permanent committees.

**PCTA Agenda Item 4: Road Map to ICID Vision 2030: Review of the Action Plan**

6. In 2019, the Committee examined the activities identified in the Action Plan 2017-21, appended to the 'Road Map to ICID Vision 2030' ([http://www.icid.org/icid\\_vision2030.pdf](http://www.icid.org/icid_vision2030.pdf)) which are committed to be achieved over a period of five years. The Committee felt that Vision 2030 activities need not remain confined to the deliberations inside the WGs, but needs to grow outside WGs by involving the other agencies and organizations. This will help in promoting and keeping the vision 2030 in focus in larger communities and groups. Strategy Theme Leaders opined that number of parallel sessions may be reduced to the extent possible to allow the members to engage with multiple subjects in different WGs. For this purpose, shorter WG meetings and Regional Working Group meetings can be considered, with joint workshops be encouraged, WGs have to engage more over the web-ex platforms for transacting the maximum amount of internal works. As per the latest restructuring exercise the number of working groups are getting consolidated permitting more number of participants and examination of cross cutting topics.

7. The Committee recognized the pivotal role played by the Working Groups in converting the vision into action, by focussing their activities towards measurable outputs, which could form part of the products that could be disseminated to the NCs and might be useful to the NCs in achieving the goals set as part of their national mandates. The Committee noted that the existing mechanism is adequate to monitor the activities identified under Action Plan 2019-23 by various workbodies under PCTA.

8. The Action Plan, which is designed to be living and dynamic and rolling in nature and includes activities for converting vision to action, may be monitored annually and reviewed triennially, as envisaged in 'Road Map to ICID Vision 2030'. As the workbodies play a pivotal role in converting the vision into action, by focussing their activities towards measurable outputs which could form part of the products that could be disseminated to the NCs which might be useful to the NCs in achieving the goals set as part of their national mandates. Accordingly, the Action Plan 2020-2024 will be scrutinized through the existing monitoring mechanism, based on the progress achieved by the workbodies reporting to the Committee under four Strategy Themes, and suggest appropriate ways and means to achieve them.

9. PCTA may review the Action Plan based on the progress achieved by WGs reporting to the Committee and suggest appropriate ways and means to achieve them.

**PCTA Agenda Item 5: International Research Program for Irrigation and Drainage (IRPID) Scheme**

10. The National Committees have been requested to establish Regional Nodes within the framework of the Revised IRPID Scheme ([https://www.icid.org/irpid\\_scheme.pdf](https://www.icid.org/irpid_scheme.pdf)) adopted at the 67th IEC meeting (2016) vide Resolution IEC-3/67 and notified vide Notification No.16 of 2016 Dt. 27/04/2016.

11. Ahwaz Regional Node has been hosted by the Iranian National Committee (IRNCID) since 2011 under the rechristened program, titled 'International Research Program for Irrigation and Drainage (IRPID)'. Since then IRPID-IRN are carrying multiple activities at regional level. For the continuity and sustainability of the research activities within this platform on the ICID stage, IRPID-IRN requested to consider Ahwaz Regional Node and its activities as a formal workbody, similar to other regional Workbodies. The details are given in **IEC Annex 3, page 17**.

12. The Chair of the Advisory Committee for IRPID (AC-IRPID), VP Prof. Dr. Tsugihiko Watanabe, who is also the Chair of PCTA, will present the report of AC-IRPID at PCTA for its consideration.

**PCTA Agenda Item 6: Review of reports of the activities of Workbodies under the Strategy Theme – Basin (ST.B)**

13. The Chairpersons of the WGs, TFs and Co-Theme Leaders of Strategy Themes will brief the Committee on the activities of their respective workbodies and present their recommendations for review and consideration by Committee. In the absence of the Chair, the member chairing the WG meeting may present the report.

**PCTA Agenda Item 6.1: Working Group on Environment (WG-ENV)**

14. VPH Prof. Dr. (Ms.) Charlotte de Fraiture, Chair of the WG will present the report of the meeting of the WG-ENV.

**PCTA Agenda Item 6.2: Working Group on Sustainable Development of Tidal Areas (WG-SDTA)**

15. Dr. Ruey-Chy Kao, Chair of the WG will present the report of the WG-SDTA.

**PCTA Agenda Item 6.3: Working Group on Managing Water Scarcity under Conflicting Demands (WG-MWSCD)**

16. VPH Franklin E. Dimick, Chair of the WG will present the report of the meeting of the WG-MWSCD.

**PCTA Agenda Item 6.4: Working Group on Climate Change and Agricultural Water Management (WG-CLIMATE)**

17. The tenure of the WG has been extended till 2023 during the 72<sup>nd</sup> IEC Meeting (*Resolution IEC-2/72, Sr. No.7*) for completing its ongoing activities. Dr. Ray Shyan Wu, Chair of the WG will present the report of the meeting of the WG-CLIMATE.

**PCTA Agenda Item 6.5: Working Group on Adaptive Flood Management (WG-AFM)**

18. VP Dr. Kamran Emami, Chair of the WG will present the report of the meeting of the WG-AFM.

**PCTA Agenda Item 6.6: Working Group on Irrigation and Drainage in the States under Socio-Economic Transformation (WG-IDSST)**

19. VPH Prof. Peter Kovalenko, the Chair of the WG will present the report of the meeting of the WG-IDSST.

**PCTA Agenda Item 6.7: Working Group on Water Food Energy Nexus (WG-WFE-N)**

20. President Prof. Dr. Ragab Ragab, Chair of the WG will present the report of the meeting of the WG-WFE-N.

**PCTA Agenda Item 6.8: Task Team on Transboundary Water Management and Effect on Agriculture Water Management (TT-TWM-AWM)**

21. The Chair of the Task Team will present the report of the meeting of the TT-TWM-AWM.

**PCTA Agenda Item 6.9: Synthesis Report by Co-Theme Leaders of ST Basin**

22. The Co-theme Leaders may present their report, while taking stock of the progress of WGs in achieving the activities identified under the Action Plan of the WBs under ST Basin.

**PCTA Agenda Item 7: Review of reports of the activities of Workbodies under the Strategy Theme – Knowledge (ST.K)**

**PCTA Agenda Item 7.1: ICID Journal Editorial Board (EB-JOUR)**

23. Prof. Jiusheng Li, Chair of the EB will present the report of the meeting of the Editorial Board.

**PCTA Agenda Item 7.2: Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)**

24. VPH Dr. Kamran Emami, Chair of the WG will present the report of the first meeting of WG-HIST.

**PCTA Agenda Item 7.3: Task Force to Guide ICID Inputs to World Water Forum 10 (TF-WWF10)**

25. PH Dr. Saeed Nairizi, Chair of the TF will present the report of the meeting of the TF-WWF10.

**PCTA Agenda Item 7.4: Working Group on Value Engineering (WG-VE)**

26. VPH Dr. Kamran Emami, Chair of the WG will present the report of the meeting of the WG-VE.

**PCTA Agenda Item 7.5: Task Force for Updating and Maintenance of Multilingual Technical Dictionary (TF-MTD)**

27. VPH Dr. Ding Kunlun, Chair of the TF will present the report of the meeting of the TF-MTD.

**PCTA Agenda Item 7.6: Working Group on Capacity Development, Training and Education (WG-CDTE)**

28. VPH Dr. Mohamed Wahba, Chair of the WG will present the report of the meeting of the WG-CDTE.

**PCTA Agenda Item 7.7: Synthesis report of Co-Theme Leaders of ST Knowledge**

29. The Co-theme Leaders may present their report, while taking stock of the progress of WGs in achieving the activities identified under the Action Plan of the WBs under ST Knowledge.

**PCTA Agenda Item 8: Review reports of the activities of Workbodies under the Strategy Theme – On-Farm (ST.OF)**

**PCTA Agenda Item 8.1: Working Group on Sustainable On-Farm Irrigation System Development (WG-SON-FARM)**

30. Dr. A.K. Randev, Chair of the WG will present the report of the meeting of the WG-SON-FARM.

**PCTA Agenda Item 8.2: Working Group on Use of Non-Conventional Water Resources for Irrigation (WG-NCWRI)**

31. Dr. Wenyong Wu, Chair of the WG will present the report of the meeting of the WG-NCWRI.

**PCTA Agenda Item 8.3: Synthesis report of Co-Theme Leaders of ST On-Farm**

32. The Co-theme Leaders may present their report, while taking stock of the progress of WGs in achieving the activities identified under the Action Plan of the WBs under ST On-Farm.

**PCTA Agenda Item 9: Review of reports of the activities of Workbodies under the Strategy Theme – Schemes (ST.S)**

**PCTA Agenda Item 9.1: Working Group on Institutional Aspects of Irrigation / Drainage System (WG-IOA)**

33. VPH Dr. Hafied A. Gany, Chair of the WG will present the report of the meeting of the WG-IOA.

**PCTA Agenda Item 9.2: Working Group on Modernization and Revitalization of Irrigation Schemes (WG- M&R)**

34. VPH Ian Makin, Chair of the WG will present the report of the meeting of the WG-M&R.

**PCTA Agenda Item 9.3: Working Group on Irrigation Development and Management (WG-IDM)**

35. Ms. Mary Jean M. Gabriel, Chair of the WG will present the report of the meeting of the WG-IDM.

**PCTA Agenda Item 9.4: Working Group on Water Saving in Irrigated Areas (WG-WATS)**

36. The tenure of the WG has been extended till 2023 during the 72<sup>nd</sup> IEC Meeting (*Resolution IEC-2/72, Sr. No.7*) for completing its ongoing activities. Vice President Eng. Rafat Nael AbdulGhani, Chair of the WG will present the report of the meeting of the WG-WATS.

**PCTA Agenda Item 9.5: Working Group on Rain Water Harvesting (WG-RWH)**

37. Mr. Geoff Harvey, Chair of the WG will present the report of the meeting of the WG-RWH.

**PCTA Agenda Item 9.6: Working Group on Land Drainage (WG-LDRG)**

38. VPH Dr. Willem F. Vlotman, Chair of the WG will present the report of the meeting of the WG-LDRG.

**PCTA Agenda Item 9.7: Synthesis Report by Co-Theme Leaders on ST Schemes**

39. The Co-theme Leaders may present their report, while taking stock of the progress of WGs in achieving the activities identified under the Action Plan of the WBs under ST Schemes.

**PCTA Agenda Item 10: Newly Proposed Workbodies**

40. For the establishment of a new workbody on a specific mandate or extension of an existing workbody on completion of its tenure, as part of the improvement in the functioning of ICID workbodies (*Annex R2.2 of Resolution IEC-2/63*) approved by 63<sup>rd</sup> IEC meeting at Adelaide, Australia in June 2012, a Scoping Document (SD) needs to be submitted by a workbody proposing to be established or seeking to be extended, giving its objectives, state of knowledge on the topic, work plan etc. which in turn helps in ascertaining the interest of the NCs and assists the PCTA to make appropriate recommendation to avoid any overlaps or gaps vis-à-vis workbodies already in action.

41. During the discussion in 36<sup>th</sup> PCTA meeting in Chiang Mai, Thailand in 2016, the issue of lack of interest in certain WGs was expressed. It was therefore recommended that unless interest is expressed by at least 10 NCs in supporting the WG, it could at best be established as a Task Team for keeping the interest in the topic live. These TTs should essentially work towards a well-defined objective and predominantly through Web based tools. As the implementation of the Road Map needs partnership, it is important that the WG should actively seek potential collaboration with international partners and take those activities in account while drawing up their plan.

42. The 68<sup>th</sup> Council meeting held at Mexico City, Mexico in 2017 endorsed the recommendations of PCTA that the WG (new or extension) should be approved only, if at least 10 NCs support its activities by way of sponsoring its experts to participate in the WG's activities. For that, the SDs of the proposed new WGs are required to be circulated among all NCs for gauging their interest and support.

43. During the 73<sup>rd</sup> IEC the Committee recommended the establishment of a Task Force to Guide ICID Inputs to World Water Forum 10 (TF-WWF10) at the 10th World Water Forum in Bali, Indonesia in March 2024, since the current TF on WWF9 has completed its mandate successfully and is recommended to be closed.

44. During the 73<sup>rd</sup> IEC the Committee has considered the request of Uzbekistan that a Task Force on Aral Sea may be established to support efforts of Uzbekistan to transform Aral Sea region into a zone of ecological innovations and technologies and recommended that an expert group may be established under Task Team on Trans Boundary AWM purpose, since this is more of a regional WG in nature. The Aral Sea countries may be considered for its membership. The issues can also be channelled into WGs on ENV and MWSCD. The group may have to undertake coordination with the neighbouring countries for arriving at holistic solutions. The Chair/ Representative will provide further updates.

45. As per the report of the restructuring of working groups the themes as well as the classification or the subjects of the working groups have been revised. This has also reduced the number of working groups. It needs to be discussed whether new working groups for addressing upcoming areas which are not covered adequately by the consolidated working groups are to be set up or the continuing working groups may take them up by expanding their mandates. The committee may like to discuss.

46. Any proposal for the establishment of new workbodies or extension of existing workbodies will be put up to the Committee, if SDs in this regard have been received in the Central Office in time.

#### **PCTA Agenda Item 11: Report on the outcome of 25<sup>th</sup> Congress**

47. INCID Representative will present a report on the outcome of the 25<sup>th</sup> Congress at the meeting.

#### **PCTA Agenda Item 12: Report of the Sub-Committee on Themes, Topics and Work Plans of future ICID Events (SC-E-THEMES)**

48. PH Dr. Gao Zhanyi, Chair of the Sub-Committee will present the report of the meeting of the SC-E-THEMES.

#### **PCTA Agenda Item 13: ICID Members' Profile Section**

49. As part of ICID's 70th Anniversary Celebrations, a new website (<https://icid-ciid.org>) was launched in 2021 to meet the new web technologies currently available. One of the newly added web features provides to WG members to access their profile sections using their dedicated account in order to update their profiles, with an option to upload the photograph, contact information, brief profile, publications to their credit, specialization, etc. This has been communicated to all members on how to access their account through the link <<https://icid.bmeurl.co/C7D4D2E>> and change their password to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

#### **PCTA Agenda Item 14: Register on World Irrigation and Drainage Schemes (WI&DS)**

50. ICID has taken an initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfill the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Members are also requested to encourage all irrigation project owners, managers, and researchers across the world and especially in our member countries for contributing to the register. This facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

51. The Committee reviewed the objectives of the WI&DS Register and appreciated the efforts made by the Secretary General for initiating such a novel idea. The Committee also urged the member countries and non-member countries to enlist the irrigation projects in their countries in the WI&DS Register, which was already having the submissions from 12 member countries at that time.

52. SG will provide further update on WI&DS Register at the meeting.

**PCTA Agenda Item 15: Restructuring of the Working Groups**

53. At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. The ICID President in consultation with PCTA Chair, PCSO Chair, Working Group Chairs, the Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be restructured into 11 new working groups under four themes: (1) Irrigation and Drainage (Long-term activities)- WG-IWM&D, WG-NWREP & LDRG; 2. Natural Resources (Medium-term activities) RWH, WG-SCER, WFE-N & IDSST; 3. Climate Change & water scarcity (Medium to long-term activities) - CLIMATE; 4. Sustainable Development (Long-term activities) WG-I&O MVE, HIST & CDTE. The new structure was approved by the 18 WG chairs and the 11 remaining WG chairs after November 2023 adapted their mandates, WG names and created tasks to accommodate the amalgamated outgoing WGs. The details are given in **IEC Annex 5, page 23**.

**PCTA Agenda Item 16: Any other business**





**Action Taken Report On The Minutes Of The 33<sup>rd</sup> Meeting Of PCSO**  
08 October 2022, Adelaide, Australia

Item	Recommendation	Decision of 73 <sup>rd</sup> IEC	Action Taken
<b>3. Membership of PCSO and its Workbodies</b>			
	Recommended to approve the membership changes of various work bodies of PCTA & ICID website	Approved (Resolution No.IEC-2/73, Sr. No.1)	Action taken by notifying the same.
<b>7. Task Force to Guide ICID Inputs to World Water Forum</b>			
	Recommended to constitute the TF-WWF10 in consultation with President Ragab	Approved (Resolution No.IEC-2/73, Sr. No. 2)	Requested VP Alireza Salamat to share the Concept note for inviting International Organizations for TF-WWF10 however, the response is awaited.
	Recommended to communicate to the members the formal closure of the TF.	Approved (Resolution No.IEC-2/73, Sr. No. 3)	Action taken by notification sent to all members of TF-WWF9
<b>10. Newly Proposed Workbodies</b>			
	Recommended to constitute an expert group under Task Team on Trans Boundary AWM on Aral Sea to support efforts of Uzbekistan to transform Aral Sea region into a zone of ecological innovations and technologies	Approved (Resolution No.IEC-2/73, Sr. No. 5)	The issue is being discussed under TT-TWM and Dr. Vadim Sokolov shared a list of organisations and experts who preliminary committed to support (TF-ASB) and can contribute to this committee. Email sent to all the prospective members. As on 06/09/2023 Mr. Bahrom Gaforzoda, Secretariat of TajNICID; Saidrasul Sanginov, Deputy Chairman, Ecomovement of Uzbekistan; Dr. Dinara Ziganshina, Director, Scientific Information Center of Interstate Commission for Water Coordination in Central Asia gave their consent.
	Recommended to notify the establishment of Task Force to review the mandates and outcomes of the WGs. The TF may recommend the new structure and mandates of WGs in line with the demands of the sector and in consultation with WG members and Chairs. The TF may prepare a strategic plan which may be reviewed at the next IEC meeting.	Approved (Resolution No. IEC-2/73, Sr. No. 4)	President, ICID in consultation with PCTA Chair has taken up the task of restructuring of WGs. The detailed report is enclosed.  Accordingly, the Setting of the Task Force has been deferred for the time being.





**AGENDA FOR THE 7<sup>TH</sup> MEETING OF THE  
INTERNATIONAL RESEARCH PROGRAM FOR IRRIGATION AND DRAINAGE  
ADVISORY COMMITTEE (AC-IRPID)**

03 November 2023 : 14.00 – 15.30 Hours  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Members:** (1) VP Dr. Tsugihiko Watanabe, Chair (Japan); (2) Dr. Narges Zohrabi, Head, Ahwaz Regional Node of IRPID-IRN (Iran); (3) Ms. Gao Hong, Vice Secretary, CNCID & Representative of Beijing Regional Node of IRPID (China); (4) Dr. Bahrom Gaforzoda, Head, Central Asian and Caucasus Regional Node (Tajikistan), (5) Ms. Sasha Koo-Oshima, FAO Representative; (6) Ms. Amal Talbi, World Bank Representative, (7) Dr. Alok Sikka, IWMI Representative; (8) VPH Dr. Mochammad Amron, Co-Theme Leader, Strategy Theme-Knowledge (Indonesia); (9) VP Datolr. Nor Hisham bin Mohd Ghazali, Co-Theme Leader, Strategy Theme-Knowledge (Malaysia); (10) VP Dr. Jin-Yong, Choi, Co-Theme Leader, Strategy Theme-Basin (Korea); (11) VP Er. Alireza Salamat, Co-Theme Leader, Strategy Theme-Basin (Iran); (12) VP Dr. Shavkat Rakhimovich Khamraev, Co-Theme Leader, Strategy Theme-Schemes (Uzbekistan); (13) VP Prof. Dr. Tsugihiko Watanabe, Co-Theme Leader, Strategy Theme-Schemes (Japan); (14) VP Er. Aziz Fertahi, Co-Theme Leader, Strategy Theme-Schemes (Morocco); (15) VP Prof. Dr. Hesham Mostafa Mohamed Ali, Co-Theme Leader, Strategy Theme-On-Farm (Egypt); (16) VP Eng. Rafat Nael AbdulGhani Al\_Intaki, Co-Theme Leader, Strategy Theme-On-Farm (Iraq) and (17) Mr. Ashwin B. Pandya, Secretary General, ICID.

**Terms of Reference (ToR):**

The Advisory Committee is responsible for developing a Framework Action Plan for the program, guided by the concept document as was presented at the 61st IEC in Yogyakarta in 2010 and keep overall coordination among the Nodes duly supporting their autonomy and maintaining flexibility in fulfilling their roles. These can be categorised as follows:

- (a) Develop the Strategy duly describing the strategic objectives and a Framework Action Plan for the program;
- (b) Review and monitor the implementation of the program to ensure the quality of outputs and their effectiveness; and
- (c) Mobilize and allocate extra-budgetary resources through joint activities.

**AC-IRPID Agenda Item 1: Brief introduction by SG, ICID**

1. IRPID Scheme was initially notified vide Notification No.16 of 2016 dated 27 April 2016. However, at the AC-IRPID meeting held in Chiang Mai, Thailand on 05 November 2016, the Advisory Committee reviewed the IRPID Scheme and had a relook at the Vision, aligning its focus with the new ICID Vision 2030 concentrating more on AWM for Rural Development. It was also recalled that while IWMI research is aimed at 'management', ICID should continue to work on the technology aspects. Later, the modified IRPID scheme ([https://www.icid.org/irpid\\_scheme.pdf](https://www.icid.org/irpid_scheme.pdf)), giving its vision, mission, objectives, organizational structure, coordination mechanism etc. which envisages to have a proper regional balance at global level in fostering collaborative activities amongst the NCs within that region by affiliating NCs to the identified regional node with similar AWM challenges, was adopted by 67<sup>th</sup> IEC vide Resolution No.IEC-3/67 at Chiang Mai, Thailand on 12 November 2016 which was notified amongst the NCs vide Notification No.6 of 2017 dated 23 February 2017, while urging the NCs to establish more Regional Nodes. So far, Ahwaz Regional Node and Beijing Regional Node are the only two nodes functioning under the scheme.

2. SG, ICID will provide a brief introduction and overview on the IRPID Scheme to the Committee members.

**AC-IRPID Agenda Item 2: Inputs from Beijing Regional Node**

3. The Head/Representative of the Beijing Regional Node will present a report on the activities undertaken so far by the Beijing RN and future plans for the information of the Advisory Committee.

**AC-IRPID Agenda Item 3: Inputs from Ahwaz Regional Node**

4. The Head/Representative of the Ahwaz Regional Node will present a report on the activities undertaken so far by the Ahwaz RN and future plans for the information of the Advisory Committee.

**AC-IRPID Agenda Item 4: Inputs from Mediterranean Regional Node**

5. The 69<sup>th</sup> IEC at Saskatoon, Saskatchewan, Canada in August 2018 vide its Resolution IEC-2/69 gave in principle approval to the establishment of Regional Nodes for Mediterranean Countries proposed by Italian NC and Central Asia.

6. The Head/Representative of the Mediterranean Regional Node will present a report on the activities undertaken so far by the Mediterranean RN and future plans for the information of the Advisory Committee.

**AC-IRPID Agenda Item 5: Inputs from Africa Region Node**

7. The 69<sup>th</sup> IEC at Saskatoon, Saskatchewan, Canada in August 2018 vide its Resolution IEC-2/69 gave in principle approval to the establishment of Regional Nodes for North Africa proposed by Egyptian NC supported by NCs of Sudan and Morocco.

8. The Head/Representative of the Africa Regional Node will present a report on the activities undertaken so far by the Africa RN and future plans for the information of the Advisory Committee.

**AC-IRPID Agenda Item 6: Inputs from Central Asian-Caucasus Regional Node**

9. The 69<sup>th</sup> IEC at Saskatoon, Saskatchewan, Canada in August 2018 vide its Resolution IEC-2/69 gave in principle approval to the establishment of a Regional Node in Central Asian and Caucasus Region (CACRN) at the initiative of Tajikistan NC. Since then, TAJNCID has made considerable efforts towards its establishment by contacting the member and non-member countries of ICID in the region.

10. The Head/Representative of the Central Asian and Caucasus RN will provide an update about the establishment of Regional Node in CACRN, and activities, if any, undertaken so far and future plans for the information of the Advisory Committee.

**AC-IRPID Agenda Item 7: Evolving Collaborative Research Mechanism among the Regional Nodes**

11. The Advisory Committee in its last meeting at Adelaide, Australia reviewed the existing collaborative research mechanism among the RNs and requested all RNs and NCs to encourage the research institutions in their country involved in AWM to join the network by projecting key information of their research activities for wider dissemination and fulfilling the objective of research mechanism among RNs.

12. With this objective to help ICID to serve as a repository of knowledge in irrigation and drainage sector, IrriSEARCH ([https://icid-ciid.org/inner\\_page/62](https://icid-ciid.org/inner_page/62)), an important tool in fulfilling the objectives of IRPID, has been put in place in accordance with the Irrigation Research (IrriSEARCH) database template approved at the 68<sup>th</sup> IEC meeting in Mexico City, Mexico in October 2017. It aims to bring together all agriculture water management (AWM) research activities from various NCs on a single forum to help others learn from their experiences. The IRPID Scheme is one of the activities that could provide NCs an opportunity to improve its profile within the countries as it provides various research stakeholders in AWM research, a window to exchange and showcase ongoing research activities in the irrigation and drainage sector worldwide.

13. So far, seven research institutes have registered in the portal. All the RNs and NCs are requested to encourage the research institutions in their country involved in AWM to join the network by projecting key information of their research activities for wider dissemination and fulfilling the objective of collaborative research mechanism among the RNs.

14. The Advisory Committee may review the existing collaborative research mechanism among the RNs and advise the ways and means to further improve it.

**AC-IRPID Agenda Item 8: Dissemination Mechanism on Exchange of Research Findings**

15. With the objective to encourage the exchanges of research findings on an intra-node basis and inter-nodes basis, ICID CO has created a dedicated page on ICID web site for IRPID ([https://icid-ciid.org/inner\\_page/77](https://icid-ciid.org/inner_page/77)) and also disseminated about IRPID activities through ICID News update and ICID News. The existing functional RNs will be able to upload their activities on this dedicated page for the benefit of all, as it will act as an important tool for exchange of research findings between the RNs for the benefit of their network countries. The CO offered its assistance in uploading the information, if RNs face any difficulty.

16. Further, the site will provide a brief para of about 100 words of the prospective research paper and thereafter the link, which can be visited by the interested professionals for more detailed information. The research

organizations once registered in IrriSEARCH, they will be provided with User IDs, so that they will be able to upload the information on the IRPID page themselves.

17. AC-IRPID will deliberate on mechanism to improve wider dissemination and exchange of research findings among RNs, NCs and other stakeholders.

**AC-IRPID Agenda Item 9: Establishment of Additional Regional Nodes**

18. ICID has requested the NCs to establish additional Regional Nodes, by circulating the IRPID Scheme in force, in regions, where the RNs are yet to be formed, keeping in view that new Regional Nodes, should be recognized on the basis of their willingness to be able to pursue the research activities from their own resources. The RNs should be proposed voluntarily, based on identified needs. It is necessary to set some guiding principles in defining the scope of Regional Nodes both in terms of its geographical location and region specific needs.

19. In 2018, the 69<sup>th</sup> IEC meeting it was proposed that a South African Regional Node may be established with Prof. Dr. Sylvester Mpandeli coordinating the same, while the Saudi Arabian National Committee may take initiative to create a Regional Node in the Middle East; while keeping in abeyance the proposal for establishment of a Spanish speaking Regional Node in Mexico consisting of Mexico and other Latin countries, with the initiative of Mexican NC. However in 2019 at Bali, Indonesia, during the 70<sup>th</sup> IEC meeting, it was reported that the Moroccan NC would henceforth coordinate the setting up of RN in Africa.

20. The representatives of NCs of South Africa and Saudi Arabia may apprise the Committee about the progress in the establishment of RNs in the proposed regions.

**AC-IRPID Agenda Item 10: Leveraging National Funding for Raising Financial Resources by RNs**

21. One of the objectives of the IRPID is to support the NCs to receive adequate funding from their own governments. During the 2016 meeting of the Advisory Committee, the members were unanimous in their opinion that the NCs, through the outcomes of the Regional Nodes, sharing the best and new technologies, making use of various ICID communication channels, such as web pages, ICID News and Irrigation and Drainage Journal, were in the best position to leverage the research and development outcomes for their direct implementation in the field. They should be able to leverage their national funding sources by international collaboration. Although it is recognized that in many cases, the NCs may not be able to raise resources for international activities. In such cases, the Program can approach international funding mechanisms that support AWM activities. However, in order to attract such funding for the IRPID program, there is a need to have a good track record of successful outcomes.

22. Thus, the Committee may discuss the means for raising financial resources, including securing supports from government, obtaining enterprise sponsorship and lobbying international organizations like FAO to support IRPID training and research programs.

23. The Committee may deliberate on the ways and means to RNs for raising financial resources and provide its recommendations to the RNs to act upon.

**AC-IRPID Agenda Item 11: Any Other Business**

24. Ahwaz Regional Node has been hosted by the Iranian National Committee (IRNCID) since 2011 under the rechristened program, titled 'International Research Program for Irrigation and Drainage (IRPID)'. Since then, IRPID-IRN are carrying multiple activities at regional level.

25. For the continuity and sustainability of the research activities within this platform on the ICID stage, IRPID-IRN requested to consider Ahwaz Regional Node and its activities as a formal workbody, similar to other regional Workbodies. The details are given in **IEC Annex 3, page 17**.





**AGENDA FOR THE 8<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON ENVIRONMENT (WG-ENV)**

05 November 2023, 09:30-11:00 hours (Session I) and 11:30-13:00 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Basin**

**Presented by the Chair**

**Year of Establishment: 2015**

**Completion of the Mandate: 2022**

**Mandate:** (a) To provide guidance to policy makers, planners, designers, and managers in the irrigation and drainage sector on the following environmental aspects of irrigation and drainage systems: (i) physical, (ii) chemical, (iii) ecological, (iv) socio-economic, and (v) cultural; (b) To address concerns to the effects on local, regional and global common goods, such as climate, biodiversity and human health; (c) To work towards the management of a sustainable environment, through adapted practices, adequate policies and institutions, maximizing positive and minimizing adverse effects of irrigation and drainage systems.

**Website:** [https://icid-ciid.org/inner\\_page/108](https://icid-ciid.org/inner_page/108)

*(The 7<sup>th</sup> meeting of WG-ENV scheduled in October 2022 in Adelaide was cancelled due to low participation of WG members.)*

**WG-ENV Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting.
2. In March 2023, Prof. Charlotte de Fraiture, Chair, the Netherlands National Committee (NETHCID) informed the ICID Central Office about the discontinuation of the membership with ICID due to financial problems.
3. In March 2023, the ICID Central Office received the nomination of Mrs. Shweta Tyagi from India Water Foundation – Direct Member of ICID (India) for the working group membership. Similarly, in December 2022, the Turkish National Committee (TUCID) nominated Dr. Ragip Balatli and Mr. Melih Kayal for membership of the group. The group may like to consider the nominations received for the membership of the working group.
4. Mr. Mohammad Samiul Ahsan Talucder - Direct Member (Bangladesh); Dr. Ming-Kai Hsieh (Chinese Taipei Committee); Mr. Usamah Hashim Witwit (Iraq); Dr. Muhammad Basharat Chaudhry (Pakistan); Engr. Reynaldo L. Baloloy (Philippines); Dr. Kwang-Sik Yoon (South Korea); Dr. Choi, Joong-Dae (South Korea); Eng. (Ms.) P.M. Jayadeera (Sri Lanka); and Mr. Akhmadjonov Vokhidjon Mukhammedjonovich (Uzbekistan) have not contributed to the activities of the working group during the last two years.
5. Chair in consultation with the Vice Chair, Secretary of the WG, and the Central Office has updated the membership of the WG as given in **Annex 1** (*refer electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt with suitably after the meeting.

**WG-ENV Agenda Item 2: Brief of the virtual meetings organized in 2023**

6. With the initiative of Dr. (Ms.) Seija Virtanen, the group organized the first virtual meeting in September 2023. During the virtual meetings, the Chair discussed various activities being undertaken by the WG as part of the Road Map to ICID Vision 2030, the progress of the work plan, etc. Minutes of the virtual meetings of all work bodies have been uploaded on a dedicated webpage – [https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152). The secretary will provide further updates at the meeting.

**WG-ENV Agenda Item 3: Road Map to ICID Vision 2030 – Status of future activities of the group**

7. At the Morocco meeting, the working group discussed the Road Map to ICID Vision 2030 keeping in view the mandate and availability of resources for achieving various activities (refer to **Annex 2**). During the meeting, the

<sup>1</sup> This will also include details of membership of WG as **Annex**

Secretary informed the present situation of the review paper which is unchanged due to the tight timetable of the participants.

### **WG-ENV Agenda Item 3.1: Publication of the working group**

8. During the Morocco meeting, the Secretary briefed the group members about the virtual meeting held in May 2021 wherein the group discussed widely the format of the publication and whether it should be organized based on ecosystem services or measures such as irrigation, paddy fields, controlled drainage etc. During the meeting, it was decided that a discussion paper would be written first and after that, a specific publication would be proposed to the Journal Irrigation and Drainage. It was also proposed that the draft discussion paper be written by the Chair, Vice-Chair, and Secretary, Dr. Yutaka Matsuno, Dr. Aynur Fayrap, and Dr. Carl Walters agreed to contribute to the writing with the help of group members. The group also noted that Dr. Michael van der Laan (South Africa) has received 9 case studies for publication.

9. At the Morocco meeting, it was also proposed to create and share the link of the DROPBOX for uploading documents. The DROPBOX can be accessed easily for comments and modifications of the draft paper. Accordingly, in January 2022, the ICID Central Office created and shared the link of the DROPBOX for sharing the documents - <https://www.dropbox.com/sh/8qiyu8il1fnmun3/AAAW33FsYB7rNOI9FqJkav4aa?dl=0>.

10. In May 2022, Secretary Dr. Seija Vitonen prepared and shared the draft version of the manuscript "Analysis of Ecosystem Services Provided by Irrigated and Controlled Drained Agriculture: A Global Perspective" to the Chair and Vice Chair for their comments and suggestions. In order to complete the manuscript, Dr. Seija compiled the draft version of the manuscript and rearranged the case studies according to their type of ecosystem services based on the compilation of the case studies by Michael a year ago. In addition, Dr. Seija wrote a draft for the introduction, entries for two chapters, and some suggestions for Material and Methods and Discussion. Also arranged all references into alphabetic order and shared the manuscript in DROPBOX for access by all members. The group member may like to discuss and contribute to the manuscript during the meeting.

11. In March 2023, Dr. Michael sent the manuscript titled "Analysis of ecosystem services provided by irrigated and controlled drained agriculture: A contemporary global perspective" to Dr. Giulio and informed him that he is in the process of finalizing the same. Dr. Michael also informed that he will prepare an abstract of the paper and submit it for ICID India meetings in 2023, with the ultimate aim of getting the work published in *Irrigation and Drainage*. The Vice Chair may like to provide further updates at the meeting.

### **WG-ENV Agenda Item 4: Updating Multilingual Technical Dictionary (MTD)**

12. During the Morocco meeting, it was proposed that Dr. Yutaka Matsuno request Prof. Hatcho to share the present version of the Multilingual Technical Dictionary (MTD) with the members of the WG-ENV for updating. Accordingly, the ICID Central Office requested Dr. Yutaka Matsuno to get in touch with Prof. Hatcho for the latest version of MTD however, the response is awaited. Dr. Yutaka Matsuno will provide further updates at the meeting.

### **WG-ENV Agenda Item 5: Dissemination - Sharing documents on the website**

13. During the Morocco meeting, the group members noted the new dedicated webpage of the WG - [https://icid-ciid.org/inner\\_page/108](https://icid-ciid.org/inner_page/108) which comprises a new membership list, the agenda, and minutes of the meeting as well as presentations made during the meeting. Secretary Dr. Seija Virtanen encouraged members to share information, knowledge & experience and provide papers, presentations, articles, reports, etc. related to any outcome of the research or development efforts in the respective fields for uploading on the WG website for wider dissemination.

### **WG-ENV Agenda Item 6: ICID Members' Profile Section**

14. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information. In January 2023, the ICID Central Office requested all members of the group to review and update their information using their credentials.

### **WG-ENV Agenda Item 7: World Irrigation and Drainage Schemes (WI&DS)**

15. ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation



projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by the National Committee/ ICID Central Office for inclusion are entitled to Certification. The chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world, especially in their respective countries to contribute to the register. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.

**WG-ENV Agenda Item 8: Any other business**

16. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandates. With consultation of PCTA, PCSO, the Secretary General of ICID, and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change and Water Scarcity (Medium to Long-term Activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-ENV has been included in theme 1 (Irrigation and Drainage Water Management) and proposed to be integrated with WG-NCWRI. The details are given in **IEC Annex 5, page 23**. WG Chair/ Vice Chair/ Secretary will provide further updates during the meeting.

17. Since the tenure of the WG-ENV was already completed in 2022 and considering the importance of the WG, the group members may like to discuss its new mandate in the context of future needs.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.

**A. Membership of the group at 2021 and 2022 meetings**

Sl. No.	Members	Member from	2021		2022		Remarks
			Self	Contributed	Self	Contributed	
1.	Prof. Dr. (Ms.) Charlotte de Fraiture, Chair (2016) (Netherlands)	2015		•			Withdrawn its membership
2.	Dr. Michael van der Laan, Vice Chair (South Africa)	2018		•		•	
3.	Dr. Seija Anneli Virtanen, Secretary (2018) (Finland)	2015	•	•		•	
4.	Dr. Choi, Joong-Dae (South Korea)	2015					No contribution, recommended for discontinuation after the India meeting if no contribution
5.	Dr. Aynur Fayrap (Turkey)	2015		•	•		
6.	Ir. Mohd Azmi Ismail (Malaysia)	2015	•		•		
7.	Dr. Muhammad Basharat Chaudhry (Pakistan)	2015					No contribution, recommended for discontinuation after the India meeting if no contribution
8.	Dr. Fuqiang Tian (China)	2015	•				
9.	Mr. Mohammad Samiul Ahsan Talucder - Direct Member (Bangladesh)	2015					No contribution, recommended for discontinuation after the India meeting if no contribution
10.	Dr. Yury Anatolyevich Mozhaiskii (Russia)	2016	•				
11.	Eng. (Ms.) P.M. Jayadeera (Sri Lanka)	2016					No contribution, recommended for discontinuation after the India meeting if no contribution
12.	Mr. Usamah Hashim Witwit (Iraq)	2016					No contribution, recommended for discontinuation after the India meeting if no contribution
13.	Prof. (Ms.) Eunmi Hong (South Korea)	2018				•	
14.	Dr. Ming-Kai Hsieh (Chinese Taipei Committee)	2018					No contribution, recommended for discontinuation after the India meeting if no contribution
15.	Mr. Akhmadjonov Vokhidjon Mukhammedjonovich (Uzbekistan)	2019					No contribution, recommended for discontinuation after the India meeting if no contribution
16.	Mr. Carl Walters (Australia)	2019		•			
17.	Dr. Hao-Che Ho (Chinese Taipei Committee)	2019	•		•		
18.	Engr. Reynaldo L. Baloloy (Philippines)	2019					No contribution, recommended for discontinuation after the India meeting if no contribution
19.	Dr. Yutaka Matsuno (Japan)	2020	•				
20.	Dr. Kwang-Sik Yoon (South Korea)	2020					No contribution, recommended for discontinuation after the India meeting if no contribution
21.	Dr. Giulio Castelli (Italy)	2020	•	•		•	
22.	Prof. Feng Qian (China)	2021	•				

Sl. No.	Members	Member from	2021		2022		Remarks
			Self	Contributed	Self	Contributed	
23.	Dr. Zha Yuanyuan - Young Professional (China)	2021				•	
24.	Dr. Yang Shihong - Young Professional (China)	2021	•				
25.	Dr. Javaid Hussain (Pakistan)	2022					
26.	Secretary General, ICID		# <sup>2</sup>		#		
	<b>Permanent Observer</b>						
i)	Dr. Sasha Koo-Oshima (FAO)	2022					

**B. New nominations received from the National Committee/ Direct Member**

Sl. No.	Name	Country/ Organization	Remarks
1.	Mrs. Shweta Tyagi, Direct Member – India Water Foundation	India	Recommended as a member, subject to her presence else a provisional member
2.	Dr. Ragip Balatli	Turkey	Recommended as a member, subject to his presence else a provisional member
3.	Mr. Melih Kayal	Turkey	Recommended as a member, subject to his presence else a provisional member

<sup>2</sup> Through representation

**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES**

Goals/ Strategies	Activities	Outcomes / Outputs	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022
Goal A: Enable higher crop productivity with less water and energy							
A6. Strategy: Improving performance of irrigation and drainage systems	6.2 Investigating and documenting positive and negative environmental impacts of irrigation and drainage systems also taking ecosystem services of aquacultures into account.	Guidelines / Case Studies		Structure for review manuscript on ecosystem services of irrigation and drainage	Workshop on ecosystem services of irrigated cropping systems	Published paper on ecosystem services of irrigated cropping systems	Published paper on ecosystem services of irrigated cropping systems
	6.6 Improving communication among country members between annual ICID meetings	Online			1 x WebEx meeting	1 x WebEx meeting	

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)



**AGENDA FOR THE 6<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)**

6 November 2023, 09:30-11:00 hours (Session-I)  
6 November 2023, 11:30-13:00 hours (Session-II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Basin**

**Presented by the Chairman**

**Year of Establishment: 2017**

**Extended the completion of the Mandate: 2023**

**Mandate :** (a) To understand the existing and potential challenges and opportunities of tidal areas for now and the future by figuring out underlying issues; (b) To raise awareness of the increasing risk on tidal areas due to global climate change and stimulate interdisciplinary discussions on impacts, mitigation, and adaptation; (c) To enhance survey, design techniques, and monitoring and management programs for the irrigation and drainage facilities, and apply to collect information about the tidal area environment around the world; (d) To identify sustainable development and management options in tidal areas, and find a balance between the conservation and development of tidal areas with acknowledgement of ecosystem services; and ( e) To join the international dialogues and organize international conferences and short courses to promote interdisciplinary and participatory land and water planning and management in tidal areas; and (f) To collaborate with other related working groups actively, and to exchange relevant experiences amongst NCs and support for developing, and least developed countries.

**Website:** [http://icid-ciid.org/inner\\_page/109](http://icid-ciid.org/inner_page/109)

**WG-SDTA Agenda Item 1: Action Taken Report by Chair<sup>1</sup>**

1. Dr. Ruey-Chy Kao (Chinese Taipei Committee), Chairman of the WG-SDTA will present the report on the actions taken on the decisions and proposals of the Working Group at its last meeting held on 08 October 2022 at Adelaide, Australia.
2. The Philippine National Committee on Irrigation and Drainage (PNC-ICID) has nominated Dr. Mona Liza F. Delos Reyes for the membership of WG. During the first virtual meeting of the WG held on 16 March 2023, Dr. Mona Liza F. Delos Reyes has attended the meeting.
3. Chair in consultation with Vice Chair, Secretary of the WG and the Central Office have updated the membership of the WG as given at **Annex 1** (*refer electronic version for latest list*). New nominations, if any, for the membership received will be dealt suitably after the meeting.

**WG-SDTA Agenda Item 1.1: A brief report of Online/WebEx Meeting of the Group, 16 March 2023**

4. The WG-SDTA organised its first virtual meeting on 16 March 2023. Dr. Rey-Chy Kao chaired the meeting which was attended by Secretary Mr. Paavan Kumar Reddy (India); Dr. (Ms.) Hsiao-Weng Wang (Chinese Taipei Committee); Prof. Budi Santoso Wignyosukarto (Indonesia); Dr. Vijay K. Labhsetwar (India); Dr. Hiroki Minakawa (Japan); Ms. Mona Liza F. Delos Reyes (Philippines); and Er. B.A. Chivate, Director (Technical), ICID Central Office, New Delhi, India.
5. During the virtual meeting, WG discussed the issues about the new membership; Action Plan 2030 (Road Map to ICID Vision 2030), International Workshop plan for 74<sup>th</sup> IEC meeting & 25<sup>th</sup> ICID Congress in November 2023 at Vizag., Andhra Pradesh, India, Short Course on 'Tidal Predication and Land Subsidence Prevention and Reclamation' in 2023; Side Event in 2023, Web-based seminars; e-Discussions; updating MTD of the WG; prepare country paper (two-page) on 'Sustainable Development of Tidal Areas'; ICID members' profile section and register on World Irrigation and Drainage Schemes In this regard, the online minutes of the WG-SDTA ([https://icid-ciid.org/icid\\_data\\_web/min\\_sdta\\_webmeeting16032023.pdf](https://icid-ciid.org/icid_data_web/min_sdta_webmeeting16032023.pdf)) have been circulated to the members of the group for their information. Chairman may like to apprise the members during the WG meeting.

**WG-SDTA Agenda Item 2: ICID Action Plan 2030: Activities on Sustainable Development of Tidal Areas**

6. The WG reviewed the Action Plan 2030 (Road Map to ICID Vision 2030) based on the mandate by updating the activities on sustainable development of tidal area issues and provided updated about the fresh action plan for 2018-2023 as indicated in the **Annex 1**. Chair may provide further updates, if any, at the meeting.

<sup>1</sup> This will also include details of membership of WG as **Annex**

7. During the first virtual meeting of the WG, it was noted that the mandate of WG-SDTA will expire in November 2023, but unfortunately, based on the original plan many events of great significance cannot not be held as scheduled. Further, the WG will deeply review and discuss it with members of the group in the next meeting of WG in November 2023 to postpone scheduled events and extend the upgrade of the new mandate, and strengthen the dissemination of new technologies and knowledge. In the virtual meeting, Chair has explained the latest situation and he will work with the Vice-Chair and Secretary of the group to further develop a draft of future new mandate, and consult members of the group and provide further updates in the WG meeting in November 2023. Chair will apprise the members during the meeting.

8. In order to publish the Special Issue on SDTA, Prof. Hsiao-Wen Wang (Chinese Taipei Committee) presented a detailed procedure for the paper submission and review process for the Special Issue of the WG. Further, Prof. Wang has informed that the process of review and editing work of the papers are going on. She sent an invitation to people who participated and presented their paper in the workshop in Bali 2019 and to submit their papers for a Special Issue after she had a thorough discussion with PH Prof. Bart Schultz and Chair Dr. Ruey-Chy Kao. Prof. Hsiao-Wen Wang/WG Chair will provide further updates during the WG meeting.

### **WG-SDTA Agenda Item 3: Upcoming WG Events**

#### **WG-SDTA Agenda Item 3.1: International Workshop on 'Integrated Solution for Irrigation and Drainage Tails and Land Subsidence in Tidal Areas' in 2022 at Adelaide, South Australia**

9. As part of the Action Plan 2030, the WG is organising the International Workshop on “**Global Challenges of Land Subsidence in Tidal Areas and the Integrated Solutions**” during the 74<sup>th</sup> IEC meeting & 25<sup>th</sup> ICID Congress in November 2023 at Vishakhapatnam (Vizag.), Andhra Pradesh, India. The main objective of the workshop is to bring together the practitioners, researchers of scientists, managers, and decision makers and obtain input from the member countries of exploring practical problems, discussing the current state of knowledge and experiences, and exchanging solving strategies, to respond to the urgent need. The sub-topics of the workshop are – (i) Adaptation measures and strategies strengthening irrigation, drainage and flood prevention facilities in tidal areas; (ii) Case studies, and knowledge and experiences towards the better understanding of practical issues; and (iii) Institutional management and stakeholders' participation to address pressing challenges.

10. In response, 7 abstracts have been received from the authors for the WG workshop. The Review Committee of the group has evaluated these abstract and selected the abstracts to invite full papers and suggested the ICID CO to invite authors to submit full length papers for the WG workshop. WG Chair will provide the updates during the meeting.

#### **WG-SDTA Agenda Item 3.2: Short Course titled 'Tidal Prediction and Land Subsidence Prevention and Reclamation' in 2023**

11. During the virtual meeting, it was noted that the WG will organise a Short Course titled '*Tidal Prediction and Land Subsidence Prevention and Reclamation*' in 2023 at National Cheng Kung University, Taiwan. Basically, this short course will be planned for one-week and will not exceed ten days, including indoor lectures and on-site visits. Considering the amount of funding, support conditions and the number of participants, after consultation with the sponsoring organization, it is scheduled to be held after the 74<sup>th</sup> IEC meeting & 25<sup>th</sup> ICID Congress in November 2023, India. That is, at the end of 2023 to avoid repeating the original schedule in 2020 and 2021 Due to COVID-19, the event could not be held as scheduled, which caused the problem that the fund has been allocated but idle and does not meet the budgetary regulations. The Chair will actively request the support of sponsoring agencies again and announce the planned content as soon as possible. Chair will provide further updates during the WG meeting.

#### **WG-SDTA Agenda Item 3.3: Side Event of the Working Group on SDTA**

12. During the first virtual meeting of the group, it was noted that the Side event usually focus on the pilot studies conducted at field level and discusses more on scaling and policy level planning. At present, from WG-SDTA there is no such pilot studies conducted any member directly or indirectly. So, Dr. Vijay K. Labhsetwar (India) suggested for cancelling of the event in the performance of the working group in other activities is too slow. Chair and other members accepted the recommendation and the side event has been cancelled. Chair may apprise the members during the member.

#### **WG-SDTA Agenda Item 3.4: Web-based seminars and e-Discussions**

13. In order to promote the webinars of the WG, an interesting topics of the Webinar on 'Tsunami / Tidal Wave Protection in Japanese Case' and 'Low Land Development in Indonesia' were delivered on 19 April 2023 and 22 December 2022, respectively. Dr. Hiroki Minakawa, Dr. Takeo Tsuchihara and Dr. Katsushi Shirahata (Japan) were Speakers of the Webinar on 'Tsunami / Tidal Wave Protection in Japanese Case' ([https://icid-ciid.org/inner\\_page/233](https://icid-ciid.org/inner_page/233)) and Prof. Budi Santoso Wignyosukarto (Indonesia) & Prof. Em. Dr. Bart Schultz (Netherlands) and Vice President Ir. Hisham Ghazali (Malaysia), Vice-Chairman and Mr. Paavan Kumar Reddy (India), Secretary of the WG-SDTA were also Speakers & Panellists of the WG webinar on 'Low Land Development in Indonesia' ([https://icid-ciid.org/inner\\_page/231](https://icid-ciid.org/inner_page/231)). WG Chair will apprise the members during the meeting.

**WG-SDTA Agenda Item 4: Ground Water and the Land Subsidence on the Coastal Areas**

14. It was noted that problems related to groundwater and land subsidence in coastal areas will become more important and can no longer be ignored. During the virtual meeting of the WG, it was noted that the relevant topic of Ground Water and Land Subsidence on the Coastal Areas will be continued as themes for future papers. Further, Chair informed that he will identify the lead person from university professors for how we can take it forward in the next few months. This topic will be planned for the 2023 WG-SDTA workshop in India and the newly extended mandate. Chair will provide further updates during the meeting. This topic will be planned for the 2023 WG-SDTA workshop in India and the newly extended mandate.

**WG-SDTA Agenda Item 5: Dissemination of activities of WG**

15. The WG updated the website [http://icid-ciid.org/inner\\_page/109](http://icid-ciid.org/inner_page/109) with new membership list, agenda, minutes, paper presentations, publications etc. It was noted that the members of the WG agreed to provide at least one-page of materials / articles / papers / presentations / reports. Accordingly, WG Chair requested the members of the WG to share information, knowledge & experiences and provide papers, presentations, articles, reports etc. related to scope of the WG to ICID CO for uploading on the WG website for wider dissemination and knowledge enrichment. Accordingly, the ICID CO has followed-up with the members and requested to provide the materials (papers, articles and documents) related to the mandate of the group. In addition, members are requested to participate and contribution the activities like online meetings, webinars etc. WG members may deliberate on evolving mechanism for sharing of information on regular basis.

**WG-SDTA Agenda Item 6: Updating Multilingual Technical Dictionary (MTD)**

16. At Adelaide meeting (2022), the group discussed about updating Multilingual Technical Dictionary (MTD) which have to be introduced properly to newly elected members of the group because they did not know how to contribute, if templates are available. In March 2023, ICID Central Office has requested Vice Chair VP Dr. Nor Hisham bin Mohd Ghazali to get in touch with VPH Dr. Ding Kunlun, Chair of the Task Force on MTD for further clarifications. As a Nodal person of the MTD of the WG, we have also requested him to share your views to Secretary Paavan Kumar Reddy Gollapalli, who is assisting the data pooling of MTD and WG Chair Dr. Kao. In this regard, Chair has suggested Vice Chair Dr. Nor Hisham bin Mohd Ghazali and Secretary Paavan Kumar Reddy Gollapalli to keep track of the implementation progress of the MTD. Chair/Vice-Chair/Secretary of the WG will provide further updates on MTD during the meeting.

**WG-SDTA Agenda Item 7: Two-page 'Country Note' – Sustainable Development of Tidal Areas**

17. During the Adelaide meeting (2022), it was noted that the NCs – Japan, Korea, Malaysia, Indonesia, The Netherlands, India and Chinese Taipei Committee have already shared two page country papers for the group. Accordingly, NCs of China, Egypt and Thailand have requested to send their country notes (two pages) to Chair of the WG, with a copy to ICID Central Office. In this regard, a questionnaire in a format for the two-pages 'Country Note' (Annex 3) have already been shared to other NCs for preparing the document as discussed during the 1<sup>st</sup> virtual meeting of the WG. Chair will provide further updates at the meeting.

**WG-SDTA Agenda Item 8: Any other business**

18. **ICID Members' Profile Section:** At the Adelaide meeting (2022), Chair informed the members about the new initiative of ICID providing WG members to access their profile section using their dedicated account. Further, he informed that ICID CO vide email of 9 July 201 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their account and change their password to maintain accuracy. Chair encouraged members to review and update their information using their credentials. Accordingly, ICID Central Office has requested all members of the WG to access their profile and update the same. Chair will further requests to all members about the importance of assessing Members' profile for reviewing and continuous updating of their respective information.

20. **Register on World Irrigation and Drainage Schemes (WI&DS):** In addition to information given at the Adelaide meeting held in 2022, Chair will further brief about ICID's initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in our member countries for contributing to the register. Chair will also inform the members that as per ICID Central Office, this facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.

21. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. With consultation of PCTA, PCSO, Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water

Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-SDTA Sustainable Development of Tidal Areas has been included in **theme 2 (Natural Resources Management)** which is proposed to be integrated with Working Group on Adaptive Flood Management (WG-AFM). If the proposed restructuring of the WG is approved by IEC, then, the name of WG-SDTA will need to change to a new name to reflect the newly added Working Group. And hence, the mandate of the new WG will be modified to reflect the newly added on topics of the amalgamated working group (s). WG Chair will provide further updates during the meeting. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.

**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag., Andhra Pradesh, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.





**A. Members and their attendance at 2021 and 2022 Meetings**

Sl. No.	Members	Member from (Year)	2021		2022		Remarks
			Self	Contributed	Self	Contributed	
1.	Dr. Ruey-Chy Kao (Chinese Taipei Committee), <b>Chairman</b>	2017	•		•		
2.	Ir. Hj. Nor Hisham bin Mohd Ghazali (Malaysia), <b>Vice-Chairman</b>	2017	•		•		
3.	Mr. Paavan Kumar Reddy (India), <b>Secretary</b>	2017	•			•	Young professional
4.	Dr. (Ms) Hsiao-Weng Wang (Chinese Taipei Committee)	2017		•	#		Young Professional
5.	Prof. Budi SantosoWignyosukarto (Indonesia)	2017	•			•	
6.	Prof. Zhang Zhanyu (China)	2017	•			•	
7.	Dr. Jeongryeol Jang (Korea)	2017	#		#		
8.	Dr. Vijay K. Labhsetwar (India)	2018	•		•		
9.	Dr. Surat Thanusin (Thailand)	2018	#		#		
10.	Dr. Dina Saleh (Egypt)	2021		•			Provisional Member
11.	Mr. Alok Paul Kalsi (India)	2021		•			Provisional Member
12.	Dr. Hiroki Minakwa (Japan)	2021	•		•		
13.	Ir. LIU Zhitong (China)	2022				•	Provisional member
14.	Secretary General, ICID		#		#		
<b>Observers/Permanent Observers</b>							
15.	Ir. Henk Rizema (Netherlands)	2020			#		
16.	Dr. Jo Jin Hoon (Korea)						
17.	Mr. Harry Denecke (FAO)						

**A. New nomination received from the National Committee**

	Name	Country	Remarks
1.	Ms. Mona Liza F. Delos Reyes	Philippine	Recommended as member, subject to his/her presence else provisional member

<sup>1</sup> Through representation

**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WG-SDTA**

	Activity	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023
<b>Goal B: Be a catalyst for change in policies and practices</b>									
<b>Strategy B1 :</b> Supporting Development of Appropriate Policies	1.1 Promoting Sophisticated water-saving irrigation development with IOT and water-saving irrigation model techniques exchanges	Technical report, workshop proceedings and water industry web site	Preparing: Promoting demonstrative plan	Site tests demonstration: Hardware construction and software tests	Site tests demonstration: Hardware, software and system control integrating process	Site tests plan: Workshop observation	Examination Plan results & improvement	Examination Plan results & improvement	Examination Plan results & Improvement; expand to other areas
	1.2 Promoting up-to-date water-saving experience exchange	As above	As above	As above	As above	As above	As above	As above	As above
	1.10 Sustain-able drainage management experience exchange	Internet of Things Water industry workshop					Web-based seminars on SDTA	Web-based seminars on SDTA	Internet of Things Water industry workshop
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>									
<b>Strategy C4 :</b> Compile, Collate and Share Knowledge and Experiences	4.26 Special Issue of ICID Journal on SDTA	Special issue of IRD	Announcement of special issue, inviting authors etc.	Setup Review Committee for selected papers based on the workshops	Submission of final drafts	Review Papers: 2019 International workshop papers	1. Publishing Special Issue of IRD 2. 2021 International workshop "Integrated Solution for Irrigation and Drainage of Drainage Tails and Land Subsidence in Tidal Areas"	Review Papers: 2021 International workshop papers	Publishing Special Issue of IRD
<b>Strategy C5 :</b> Dissemination of Data, Information, Tools, Knowledge & Know How	5.8 Develop and maintain the ICID web site as a knowledge hub	On-line					Develop and maintain the ICID web site as a SDTA knowledge hub	Update and maintain the ICID web site as a SDTA knowledge hub	Update and maintain the ICID web site as a SDTA knowledge hub
<b>Goal E: Encourage research and support development of tools to extend innovation into field practices</b>									
<b>Strategy E3 :</b> Develop and Promoting Tools for AWM	3.2 The application for output of development tools from academic institutions			Prepare tidal prediction and typhoon wave model		Prepare Short Course (2021)	Prepare "Tidal Prediction and Land Subsidence Prevention and Reclamation"	Prepare "Numerical Simulation of estuary and drainage flood in Tidal areas"	Prepare "Numerical Simulation of estuary flood and coastal flow field"

	Activity	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023
<b>Goal F: Facilitate capacity development</b>									
<b>Strategy F3:</b> Technical Training of Young Professionals from Member Countries	3.7 workshop/Training Workshop on Sustainable Development of Tidal Areas	Technical transfer and internet information short course /training workshop	Scope, theme and announcemen t		Short Course/Trai ning Workshop on SDTA		Short Course / Training Workshop on SDTA	Web-based seminars on SDTA	Short Course / Training Workshop on SDTA
	3.8 To launch e- Discussion on Sustainable Development	E-discussion	E-discussion on Sustainable Development of Tidal Areas		e-Discussion on SDTA		e-Discussion on SDTA	e-Dis- cussion on SDTA	e-Dis- cussion on SDTA

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)





**DRAFT FORMAT FOR 'COUNTRY NOTE'**

**Title:**

- Country Note – Sustainable Development of Tidal Areas in .....???
- Name of the country)

**Author(s)**

- Name, \_\_\_\_\_
- Designation, \_\_\_\_\_
- Organization, \_\_\_\_\_
- E-mail ID \_\_\_\_\_

**CONTENTS:**

- (1) Introduction
- (2) Topography/soils and natural characteristics'
- (3) Climate and rainfall
- (4) Sea conditions in front of the coast and river regimes
- (5) Sustainable development and management options in tidal areas (design criteria for drainage and flood protection provisions)
- (6) Risk on tidal areas due to changes in land use, land subsidence and impacts of global climate change (rainfall, river regimes, drought)
- (7) Potential challenges and opportunities for development and management of tidal areas
- (8) ...

**Page limitation:** Roughly 2 pages (1500 words) + 1 page for the table

**Note:** (1) Please correct above items (add/delete) and improve as much as possible. (2) An informative table may be generated to show important SDTA related statistics to get a glimpse of the SDTA in the country. The draft table is shown on the next page. (3) The Format for the Country Note is developed by Dr. Vijay K Labhsetwar in consultation with Prof Dr Bart Schultz.

Please see next page.



**Table: Important characteristics on SDTA in \_\_\_\_\_ (Name of the country)**

*Note: Please fill-in the information as much as possible and leave out the rest*

Sl. No.	Particulars	Situation in 2020	Expected in 2050	Comments, if any
1	Topography: <ul style="list-style-type: none"> <li>• area in ha</li> <li>• surface level in m+ MSL</li> </ul>			
2	Population			
3	Value of public and private property			
4	Rainfall in mm: <ul style="list-style-type: none"> <li>• annual</li> <li>• 1 day 1* per 10 year</li> </ul>			
5	Sea level: <ul style="list-style-type: none"> <li>• low tide</li> <li>• high tide</li> <li>• storm surge</li> </ul>			
6	River water level <ul style="list-style-type: none"> <li>• low flow</li> <li>• average flow</li> <li>• peak flow</li> </ul>			
7	Land use in %			
<i>Urban area</i>				
8	Landfill or polder			
	Drainage system: <ul style="list-style-type: none"> <li>• percentage of open water</li> <li>• discharge sluice and or pumping station</li> <li>• capacity</li> <li>• preferred conditions</li> <li>• design conditions</li> </ul>			
9	Flood protection: <ul style="list-style-type: none"> <li>• risk of failure</li> </ul>			
<i>Rural area</i>				
10	Landfill or polder			
11	Drainage system: <ul style="list-style-type: none"> <li>• percentage of open water</li> <li>• discharge sluice and or pumping station</li> <li>• capacity</li> <li>• preferred conditions</li> <li>• design conditions</li> </ul>			
12	Flood protection: <ul style="list-style-type: none"> <li>• risk of failure</li> </ul>			



**APPENDIX XII [PCTA Item 6.3]**

**AGENDA FOR THE SIXTH MEETING OF THE  
WORKING GROUP ON MANAGING WATER SCARCITY UNDER  
CONFLICT DEMANDS (WG-MWSCD)**

6 November 2023, 09:30-11:00 hours (Session-I)  
6 November 2023, 11:30-13:30 hours (Session-II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Basin**  
**Presented by the Chairman**

**Year of Establishment: 2016**

**Extended in completion of the Mandate: 2023**

**Mandate:** Collect information, knowledge and, where available, case histories on actions taken to manage water systems to accommodate a change in priority of water use or due to conflicting demands:(a) Information will be collected on three levels of water management; (i) National, (ii) area or basin; and (iii) local; (b) review and analyze information to determine any commonality; (c) prepare and present reports and/or case studies on recent development in the countries that are represented in the WG; (d) organise international workshop on the topic; and (e) prepare an overview paper on the topic for publication.

**Website:** [http://icid-ciid.org/inner\\_page/110](http://icid-ciid.org/inner_page/110)

**WG-MWSCD Agenda Item 1: Action Take Report by Chair<sup>1</sup>**

1. The Chair will present a brief report on the actions taken on the decisions and proposals of the working group at its last meeting held in October 2022 in Adelaide, Australia.
2. The Chinese Taipei Committee has nominated Dr. Ya-Wen Chueh and Dr. Ming-Che Hu for the membership of WG.
3. The Turkish National Committee has nominated Engr. Ozden Erturk Gazel and Engr. Gulsah Cakir Heikal for the membership of WG.

**WG-MWSCD Agenda Item 2: Brief of the virtual meeting organized in February 2023**

4. WG organized its First Virtual meeting on 24 February 2023 wherein 15 members participated. During the virtual meeting, Chair discussed various activities like Road Map to ICID Vision 2030, updating MTD, publication/document, webinar/web-based seminars etc. The online minutes of the WG-MWSCD ([https://icid-ciid.org/icid\\_data\\_web/min\\_mwscd\\_webmeeting24022023.pdf](https://icid-ciid.org/icid_data_web/min_mwscd_webmeeting24022023.pdf)) have been circulated to the members of the WG for information. The minutes of the virtual meeting of all technical working groups have been uploaded on a dedicated webpage (ICID Workbodes Virtual Meeting) at [https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152). Chair will provide further updates at the meeting.

**WG-MWSCD Agenda Item 3: Road Map to ICID Vision 2030: Status of activities on Managing Water Scarcity under Conflict Demands**

5. At Adelaide meeting, the group discussed the Action Plan (revised Road Map to ICID Vision 2030) based on the mandate of the WG. During the 1<sup>st</sup> virtual meeting of the WG held in February 2023, Chair has proposed that the deadline for completion of the water scarcity indices, the guidelines and the draft final report be the end of 2023 so that it can be submitted early in 2024. Chair also indicated that WG-MWSCD will not be continued until 2024, except for the work of publishing these reports. WG Chair will provide further updates at the meeting.

**WG-MWSCD Agenda Item 4: Updating Multilingual Technical Dictionary (MTD)**

6. During the meeting, WG Chair presented further progress on the MTD update (in the absence of Dr. Takanori Nagano, In-charge of MTD). Currently, 24 terms have been submitted by three members of the WG. It is expected that more MTDs will be prepared and provided for finalizing the group in early 2024. During the virtual meeting, Dr. Nagano has shared the updated Excel file via email and requested all members to include new terms of MTD and comment on the words already listed in the Excel file, such as scarcity, which is essential for the WG mandate.

7. Additionally, after the significance of the MTD was reaffirmed, it was noted that different terms reflecting regional characteristics and non-textual explanations such as videos and diagrams would also be welcome. Chair / Dr. Takanori Nagano will provide further progress on updating MTD at the meeting.

<sup>1</sup> This will also include details of membership of WG as **Annex**

### **WG-MWSCD Agenda Item 5: Status of draft indices and guidelines**

8. During the last meeting, it was noted that the draft indices, guidelines and technical summary reports of the group have been completed in 2022 and will be finalized in 2023 based on the mandate of the group. WG Chair has updated the progress of the draft indices, guidelines and technical summary reports of the WG during WG meeting. During the virtual meeting, it was noted that final draft indices prepared by Mr. Amali Abraham Amali (Nigeria) have been circulated to the WG members for comments/suggestions, if any. Chair informed that the sufficient feedback has not been received from WG members so far. As reminder, Chair has again circulated the draft indices to the WG members and requested them to send their comments by 31<sup>st</sup> March 2023. The draft indices have been modified to include the comments received.

9. As for the draft guidelines prepared by Mr. Zafar Iqbal (Pakistan), the Chair has circulated the draft guidelines, as modified by earlier comments, to the WG members and requested them to share their further comments/suggestions by 31<sup>st</sup> March 2023. Comments received are included in the final draft guidelines

10. Furthermore, it was discussed that it is necessary to re-examine the difference between the concept of “drought” dealt with by the predecessor WG and the concept of “water scarcity” dealt with by this WG (*the result of water allocation in society*) in terms of the indices and guidelines. Chair / Mr. Amali Abraham Amali and Zafar Iqbal will provide further updates during the meeting.

### **WG-MWSCD Agenda Item 6: Draft final report**

11. During the virtual meeting of the WG, Mr. V.C. Ballard (Australia), Vice-Chairman of the WG explained the proposed structure of the WG final paper as circulated to all members of the group in 22 February 2023. The paper is proposed to be divided into three categories (national, state/regional, and local). The paper will include the achievement of the international workshop held in October 2022. In addition, as “water scarcity” is the theme of the upcoming ICID Congress in India (Visakhapatnam) in November 2023, it was suggested that the WG contribute to the final report by extracting useful details/information from those papers presented at the congress.

12. The status of the draft final report and actions needed to finalize the report will be discussed.

### **WG-MWSCD Agenda Item 7: Exchange of Information, Knowledge & Networking**

#### **WG-MWSCD Agenda Item 7.1: Website of the WG**

13. The WG-MWSCD ([http://icid-ciid.org/inner\\_page/110](http://icid-ciid.org/inner_page/110)) has been updated with the membership list, agenda, minutes, paper presentations, publications etc. WG has requested the members to provide interesting article (s), papers, presentations, documents related to the mandate of the WG for uploading on the ICID website for wider dissemination. The WG Chair VPH Dimick, also encouraged the WG members to share their activities by uploading articles and other materials on the website.

14. Members may like to discuss and evolve methodology for sharing of information and updation of WG website. In order to ensure regular contribution of the members, WG is encouraged to make full use of virtual meetings in between face-to-face meeting during IEC.

#### **WG-MWSCD Agenda Item 7.2: Webinar/ Web-based Seminar**

15. During the last meeting (2022), the WG agreed to organize two Webinars in a year to keep the activities of the group. Further, WG Chair reported the progress of the organizing Webinars at the meeting; one webinar will be scheduled by one of the presenters at the last International Workshop of the group held in October 2022. Accordingly, ICID Central Office has requested Chair to share the topic for the WG webinar in consultation with Vice-Chair, Secretary and members of the group. Chair will provide the latest updates in this regard.

16. This year, the technical working groups of ICID have organized several webinars based on the mandate of the group which are available at [https://icid-ciid.org/inner\\_page/66](https://icid-ciid.org/inner_page/66).

### **WG-MWSCD Agenda Item 8: Any other business**

#### **WG-MWSCD Agenda Item 8.1: ICID Members' Profile Section**

17. It was noted that ICID launched a website (<https://icid-ciid.org>) for the members of the WG and provided the information related to ICID Members' Profile Section for accessing to their profile section using their dedicated account. In this regard, ICID Central Office vide e-mail dated 09 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their account and change their password to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information. Accordingly, ICID Central Office has requested all members of the WG to access their profile and update the same. Chair will further



requests to all members about the importance of assessing Members' profile for reviewing and continuous updating of their respective information

**WG-MWSCD Agenda Item 8.2: Register on World Irrigation and Drainage Schemes (WI&DS)**

18. At the Adelaide meeting, members of the group encouraged to share appropriate data in the context of 'Register on World Irrigation and Drainage Schemes (WI&DS)'. In this regard, ICID was taken an initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in our member countries for contributing to the register. Chair will also inform the members that as per ICID Central Office, this facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.

**WG-MWSCD Agenda Item 8.3: Restructuring of the Working Group**

At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. With consultation of PCTA, PCSO, Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the mandate of **WG-MWSCD** (Managing Water Scarcity Under Conflict Demands) has been included in themes 1, 2 & 3 (Irrigation and Drainage Water Management, Natural Resources Management, and Water Management under Climate Change & Water Scarcity) which is proposed to be integrated with Working Group on Environment (WG-ENV), Working Group on Use of Non-Conventional Water Resources for Irrigation (WG-NCWRI) and Working Group on Global Climate Change & Agricultural Water Management (WG-CLIMATE). If the proposed restructuring of the WGs is approved by IEC, then, the WG-MWSCD will merge with the three WGs mentioned above. Accordingly, the mandate of the new WG will be modified to reflect the newly added topics of the amalgamated working groups. WG Chair will provide further updates during the meeting. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.



**NOTES FOR CHAIRPERSON NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 7 November 2023.



**A. Members and their attendance at 2021, 2022 and 2023 meetings**

Sl. No.	Members	Member from (Year)	2021		2022		2023 (online meeting)		Remarks
			Self	Contributed	Self	Contributed	Self	Contributed	
1.	VPH Franklin E. Dimick (USA), Chairman	2017			•		•		
2.	Mr. V.C. Ballard (Australia), Vice-Chairman	2017	•		•		•		
3.	Dr. Mikiko Sugiura (Japan), Secretary	2019			•		•		
4.	President Prof. Dr. Ragab Ragab (UK)	2017	•		•				
5.	Dr. Takanori Nagano (Japan)	2017		#		#	•		
6.	Dr. Jaepil Cho (Japan)	2017	•			•			
7.	Mr Amali Abraham Amali (Nigeria)	2018	•				•		
8.	Dr. Jan Ming-Young (Chinese Taipei Committee)	2018		#			#		
9.	Dr. Hesham Mostafa Mohammed Ali (Egypt)	2018		#			•		
10.	Dr. Hesham Mostafa Mohammed Ali (Egypt)	2018		#			•		
11.	Mr. Veysel Yidiz (Turkey)	2019	•			•			
12.	Ir. David Florentino (Philippines)	2019		#		•			
13.	Dr. Shivaji T. Sangle (India)	2020	•	#			•		
14.	Ms. Leila Eamen (Canada)	2020	•	#			•		
15.	Mr. Watchara Suiadee (Thailand)	2020	•		•				
16.	Dr. Jing Liu (China)	2021	•			#		#	
17.	Ms. Haofang Yan, YP (China)	2021	•			#		#	
18.	Mr. Yu Yingduo, YP (China)	2021		#					

Sl. No.	Members	Member from (Year)	2021		2022		2023 (online meeting)		Remarks
			Self	Contributed	Self	Contributed	Self	Contributed	
19.	Mr. Ali Hassan Hommadi Altai (Iraq)	2021		#			•		
20.	Mr. Zafar Iqbal (Pakistan)	2022		#			•		
21.	Mr. Thanyalam Sekaran (Malaysia)	2022			# <sup>2</sup>		•		
22.	Ir. Wan Noorul Hafilah Binti Wan Ariffin (Malaysia)	2022			#				
23.	Secretary General, ICID								

**B. New nominations received from the National Committees**

Sl. No.	Name	Country	Remarks
1	Dr. Ya-Wen Chueh	Chinese Taipei Committee	Recommended as member, subject to his presence else provisional member
2	Dr. Ming-Che Hu	Chinese Taipei Committee	Recommended as member, subject to his presence else provisional member
3	Engr. Gulsah Cakir Heikal	Turkey	Recommended as member, subject to his presence else provisional member
4	Engr. Ozden Erturk Gazel	Turkey	Recommended as member, subject to his presence else provisional member



# Through representation

**AGENDA FOR THE 8<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON CLIMATE CHANGE AND  
AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**

05 November 2023, 14:00-15:30 hours (Session I) and 16:00-17:30 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Basin**

**Presented by the Chairman**

**Year of Establishment: 2015**

**Extended the completion of the Mandate: 2023**

**Mandate:** (a) To share the information about prediction of the global and regional climate change and climate variability; (b) To explore and analyse the implications of climate change and climate variability for agricultural water management including irrigation, drainage, and flood control; (c) To promote archiving useful information and case studies on climate change for practical use in improved impact assessment and adaptation development; (d) To enhance discussion on climate change and water management at national and regional scales among the stakeholders including academicians, practitioners, decision makers, media as well as farmers and water users in a region; and (e) To join the international dialogue on Climate change and water management.

**Website:** [https://icid-ciid.org/inner\\_page/111](https://icid-ciid.org/inner_page/111)

**WG-CLIMATE Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the action taken on the decisions and proposals of the working group at its meeting held in October 2022.
2. In December 2022, the Turkish National Committee on Irrigation and Drainage (TUCID) nominated Ms. Fatma Tüz Zehra Gülsever (Turkey) for the membership of the group.
3. Mr. Jafer Kathom Alwan Alamiryi - Young Professional (Iraq), and Engr. Reynaldo L. Baloloy (Philippines) have not contributed to the activities of the working group during the last two years. Chair in consultation with the Vice Chair, Secretary of the WG, and the Central Office has updated the membership of the WG as given in **Annex 1** (refer to the electronic version for the latest list). New nominations, if any, for the membership received, will be dealt suitably after the meeting.

**WG-CLIMATE Agenda Item 2: Brief of the virtual meetings organized in 2023**

4. The first virtual meeting of WG-CLIMATE was organized on 17 January 2023 while the second virtual meeting was organized on 5 April 2023. During the virtual meetings, Chair discussed various activities being undertaken by the WG as part of the Road Map to ICID Vision 2030, publication of the WG, organization of the international workshops, webinars, etc. Minutes of the virtual meetings of all work body have been uploaded on a dedicated webpage - [https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152). Chair will provide further updates at the meeting.

**WG-CLIMATE Agenda Item 3: Road Map to ICID Vision 2030 – Status of activities on climate change and agricultural water management**

5. At the Adelaide meeting, the WG reviewed the Action Plan of the Road Map to ICID Vision 2030, modified it (refer to **Annex 2**), and confirmed the expected activities for the Goal B and D of the WG under the Action Plan. The group agreed to deliver a document titled "Guide to Innovated Irrigation and Drainage Management under the Changing Climate" which focuses on irrigation and drainage in the climate change.

**WG-CLIMATE Agenda Item 3.1: Work Plan of the group**

6. During the 72<sup>nd</sup> International Executive Council (IEC), the Council vide its Resolution IEC 2/72 approved the extension of WG till 2023. Chair will discuss the work plan of the group with the members and update it at the meeting.

<sup>1</sup> This will also include details of membership of WG as **Annex**

**WG-CLIMATE Agenda Item 3.2: Publication of the WG**

7. In 2022, Chair invited all the WG members to contribute to the publication “Guide to Innovated Irrigation and Drainage Management under the Changing Climate”. The Chair also circulated the guidelines to all the members and requested more attribution. WG Chair requested every member of the WG to contribute to the publication and take responsibility for the task and a certain delivery. The publication focuses on tackling the different challenges resulting from climate change in different regions and has those adaptations as case studies. Chair will provide further updates at the meeting.

**WG-CLIMATE Agenda Item 4: Exchange of information, knowledge & networking**

**WG-CLIMATE Agenda Item 4.1: Website of the WG**

8. The ICID Central Office requested all the members to share their ideas about the website and feedback for further development. The updated website of the group is available at [https://icid-ciid.org/inner\\_page/111](https://icid-ciid.org/inner_page/111) Dr. Fuqiang Tian will provide further updates at the meeting.

**WG-CLIMATE Agenda Item 4.2: Webinar/Web-based seminar**

9. During the virtual meetings in 2023, the WG discussed the progress of organizing the Webinar and proposed that the topic of the webinar will be decided soon. It was proposed that the Chair would request the Secretary General of the Chinese Taipei Committee (CTCID) to organize a webinar based on members’ opinions. Chair will provide further updates at the meeting.

**WG-CLIMATE Agenda Item 5: Updating Multilingual Technical Dictionary (MTD)**

10. Dr. Waleed Hassan Abou El Hassan, the team leader for MTD, has been working on the draft of the MTD. Dr. Hassan/ WG Chair will provide further updates at the meeting.

**WG-CLIMATE Agenda Item 6: International Workshop on Innovated Agricultural Water Management under Climate Change, November 2023, Vizag, India**

11. International Workshop on Innovated Agricultural Water Management under Climate Change will be organized by the group in November 2023 in Vizag, India. The workshop aims to reduce the adverse impacts of extreme events of climate change by finding smarter water management and adaptation development. By the given deadline (i.e. 30 April 2023), 16 abstracts have been received for the international workshop. All the abstracts have been shared with Chair for review purposes. Chair is reviewing the abstracts and contacting the authors for submission of their full-length papers. Chair will provide further updates at the meeting.

**WG-CLIMATE Agenda Item 7: ICID Members' Profile Section**

12. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**WG-CLIMATE Agenda Item 8: World Irrigation and Drainage Schemes (WI&DS)**

13. ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on “World Irrigation and Drainage Schemes (WI&DS)”. WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

**WG-CLIMATE Agenda Item 9: Any other business (with permission of Chair)**

14. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandates. With consultation of PCTA, PCSO, Secretary General of ICID, and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management

under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-CLIMATE has been included in theme 3 (Water Management under Climate Change & Water Scarcity) which is proposed to be integrated with two working groups namely: WG-MWSCD and WG-AFM. WG Chair will provide further updates during the meeting. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.





**A. Members and their attendance at 2021, 2022, and 2023 (virtual) meetings**

Sl. No.	Members	Member from (Year)	2021		2022		Participated in virtual meetings in January and April 2023	Remarks
			Self	Contributed	Self	Contributed		
1.	Dr. Ray Shyan Wu, Chairman, 2020 (Chinese Taipei Committee)	2015	•		•		•	
2.	Dr. Tian Fuqiang, Vice Chair, 2020 (China)	2015	•			•	•	
3.	Dr. Waleed Hassan M. Abou El Hassan, Secretary, 2020 (Egypt)	2015		•		•	•	
4.	VP Prof. Dr. Choi, Jin-Yong (South Korea)	2015			•			
5.	Dr. Nozar Ghahreman (Iran)	2015	•		•		•	
6.	Mr. Michael Davidson (USA)	2015				•		
7.	Dr. Mika Tähtikarhu (Finland)	2015		•			•	
8.	Eng. (Ms.) Talatha Janaki Meegastenna (Sri Lanka)	2016	•			•	•	
9.	Mr. Atin Kumar Tyagi – Direct Member, JISL (India)	2016		•		•	•	
10.	Mr. Jafer Kathom Alwan Alamiriyi - Young Professional (Iraq)	2016						No contribution, recommended for discontinuation after the India meeting if no contribution
11.	Eng. Nermeen Essam El-Tahan – Young Professional (Egypt)	2017		•		•	•	
12.	Ms. Dilek Demirel Yazici (Turkey)	2017		•			•	
13.	Dr. Jih-Shun, Liu (Chinese Taipei Committee)	2018	•		•		•	
14.	Prof. Sue Walker (South Africa)	2018		•	•		•	
15.	Engr. Reynaldo L. Baloloy (Philippines)	2019						No contribution, recommended for discontinuation after the India meeting if no contribution
16.	Dr. Kumiko Tsujimoto (Japan)	2020		•			•	
17.	Dr. Takanori Nagano (Japan)	2020	•			•	•	
18.	Prof. Anna Dalla Marta (Italy)	2020		•			•	
19.	Dr. Anton Urfels - Direct member (Germany)	2020		•		•		
20.	President Dr. Ragab Ragab (UK)	2021		•		•	•	
21.	Mr. Sunil Kumar (India)	2021		•	•			
22.	Dr. Man Singh (India)	2021		•				
23.	Dr. Ashish Pandey (India)	2021		•		•		
24.	Mr. Tikaram Baral (Nepal)	2021	•		•		•	
25.	Dr. Jiabin Wu (China)	2021	•			•	•	
26.	Dr. Xu Lei (China)	2021		•				
27.	Ms. Linlin Fan – Young Professional (China)	2021	•				•	
28.	Dr. Amani Alfara (Canada)	2022				•	•	
29.	Engr. Ghulam Zakir Sial (Pakistan)	2022				•	•	

Sl. No.	Members	Member from (Year)	2021		2022		Participated in virtual meetings in January and April 2023	Remarks
			Self	Contributed	Self	Contributed		
30.	Ir. Wan Noorul Hafilah Binti Wan Ariffin (Malaysia)	2022	# <sup>2</sup>			•	•	
31.	Secretary General, ICID							
	<b>Observer</b>							
(i)	VP Dr. Tsugihiko Watanabe(Japan)		•		•		•	
	<b>Permanent Observers</b>							
(i)	WMO representative							
(ii)	IWMI Representative							
(iii)	FAO Representative							

**B. New nomination received from the National Committee**

No.	Name	Country	Remarks
1.	Ms. Fatma Tüz Zehra Gülsever	Turkey	Recommended as a member, subject to her presence else a provisional member



<sup>2</sup> Represented

**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WG-CLIMATE**

Goal/ Strategies	Activities	Outcomes / Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023
<b>Goal B: Be a catalyst for change in policies and practices</b>									
<b>B2. Strategy:</b> Promoting Risk Management Approaches									
<b>B3. Strategy:</b> Integrated irrigation and drainage management	3.2 Organize the introduction of the cases to be applied to other regions	Compilation of Cases	2 Case Studies in the humid region (introduction in WG Meeting)	2 Case Studies in arid/semi-arid region (introduction in WG Meeting)	2 Case Studies on unique examples (introduction in WG Meeting)	Extra Case Studies and comparison of the cases (introduction in WG Meeting)	Integration to conclude in general		
<b>B6. Strategy:</b> Helping development of climate change adaptation strategy	6.1 Develop Guideline for Water Management Practices under Changing Climate	Guidelines	General policy and table of contents are decided	The first draft of the core parts	Release the First Draft Guidelines in WIF3			Release the Final Draft Guidelines	Release the Final Draft Guidelines
	6.2 Prepare Position Paper on Smart Water Management for Mitigating Climate Change	Position Paper	2nd Workshop on Post Paris 2015	3rd Workshop on Post Paris 2015	Discuss in a Side Event and Release the Draft in WIF3				
	6.3 Develop a position paper on adaptation to climate change	Position Paper	Communication with International Organizations	Communication with International Organizations	Release the First Draft Paper in WIF3			Release the Final Draft	
<b>Goal D: Enable cross disciplinary and inter-sectoral engagement</b>									
<b>D2. Strategy:</b> Develop technical documents in non-technical language	2.1 Integrated Assessment of Climate Change Impacts	Brief Guidelines with Compilation of Case Studies	2 Case Studies with a focus on technical background and uncertainty (introduction in WG Meeting)	2 Case Studies with the previous year's focus plus economic and social aspects (introduction in WG Meeting)	2 Case Studies with the previous year's focus plus financial and institutional arrangement (introduction in WG Meeting) and Introduction of state-of-the-art methodologies and their outcomes in WIF3	2 Case Studies with the previous year's focus plus interest groups (introduction in WG Meeting)	Release the Brochure		

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)





**AGENDA FOR THE 5TH MEETING OF THE  
WORKING GROUP ON ADAPTIVE FLOOD MANAGEMENT (WG-AFM)**

5 November 2023, 09:30-11:00 Hours (Session-I)  
5 November 2023, 11:15-13:00 Hours (Session-II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Basin**  
**Presented by the Chairman**

**Year of Establishment: 2018**

**Completion of the Mandate: 2024**

**New Mandate of the WG:**

- (a) To motivate ICID National Committees in various countries to set up their National Working Groups,
- (b) To provide guidance to compile, publish, update and/or translate documents on adaptive flood management;
- (c) To promote inter-disciplinary exchange of information, knowledge and experience, as well as networking on the topic for proper understanding of the technological developments in the subject;
- (d) To organize seminars at ICID Congresses and meeting to enhance deeper understanding of adaptation to floods and coping with floods including community participation with focus on impact of floods on agriculture water management;
- (e) To prepare a paper on “Adaptive Flood Management” for publication in Irrigation and Drainage (IRD);
- (f) To finalize a book on ‘Adaptive Flood Management

**Website:** [http://icid-ciid.org/inner\\_page/112](http://icid-ciid.org/inner_page/112)

**WG-AFM Agenda Item 1: Action Taken Report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held in 2022 at Adelaide, Australia.
2. The Chinese Taipei Committee (CTCID) has nominated Dr. Ming-Che Hu for the membership of the WG.
3. The Turkish National Committee of ICID (TUCID) has nominated Engr. Muhammet Bahattin Avcuoglu and Engr. Mehmet Akif Kaygusuz for the membership of the WG.
4. Mr. Olli-Matti Verta (Finland) and Dr. Rozalija Cvejic (Slovenia) have not contributed to the activities of the working group during the last two years. Chair in consultation with Vice Chair, Secretary of the WG and the Central Office has updated the membership of the WG as given at **Annex 1** (*refer electronic version for latest list*). New nominations, if any, for the membership received will be dealt suitably after the meeting.

**WG-AFM Agenda Item 2: Road Map to ICID Vision 2030 – Activities of the WG**

5. It was noted that the WG discussed the Action Plan (Road Map to ICID Vision 2030) and provided latest updates (2018-2023) based on the new mandate by updating the activities on adaptive flood management issues (**refer Annex 2**). The WG would complete its tenure in 2024. Chair will discuss this item with the members of the group during the meeting.

**WG-AFM Agenda Item 3: Publication of the Working Group on ‘Adaptive Flood Risk Management’**

6. The WG decided to publish a document titled ‘Adaptive Flood Risk Management’ (covering both structural and non-structural aspects of floods management) based on the workshop papers and country presentations on floods.
7. At Mexico (2017), it was decided that the WG would publish a document titled ‘Adaptive Flood Risk Management’ as publication of the WG based on the workshop papers and country presentations on floods along with the country case studies, covering both structural and non-structural aspects of flood management as part of the Road Map to ICID Vision 2030. The members of the group have made their presentations for publication of the WG as case studies in 2021. In this regard, ICID Central Office has again requested the members of the WG, including NCs of Morocco and Malaysia to share their country case studies on flood management for inclusion in

<sup>1</sup> This will also include details of membership of WG as **Annex**

the publication of the WG. Japan and Hungary have already shared their case studies for inclusion in the WG publication. Chairman will provide further updates in the WG meeting.

**WG-AFM Agenda Item 4: Closure Report of the erstwhile WG-CAFM**

8. ICID Central Office has requested the WG Chair Dr. Emami to share the closure report of the erstwhile WG-CAFM so that it can be circulated to the members for their comments / suggestions, if any. WG Chair will provide further updates in the meeting.

9. After finalization the closure report of the erstwhile WG-CAFM, it will be uploaded on the WG website for records.

**WG-AFM Agenda Item 5: Updating Multilingual Technical Dictionary (MTD)**

10. At Adelaide (2022), this item could not be discussed with the WG members. In order to review the updating multilingual Technical Dictionary (MTD) terms related to the WG, the ICID Central Office has requested the members of the group to review the MTD terms related to the mandate of the group and provide their views/suggestions, if any to WG Chair, with a copy to ICID CO. WG Chair will provide further progress on updating MTD at the meeting.

**WG-AFM Agenda Item 6: Dissemination of information – Website**

**WG-AFM Agenda Item 6.1: Website of the WG**

11. The WG website ([https://icid-ciid.org/inner\\_page/112](https://icid-ciid.org/inner_page/112)) has been updated with the membership list, agenda, minutes, paper presentations, publications etc. Members are requested for their active participation in the activities of the WG and facilitate exchange of information, knowledge and experience, as well as networking on the topic in order to keep themselves up-to-date with new developments in the various aspect of drainage. Members are also requested to share the presentations and documentaries on floods, papers/documents based on the mandate of the WG to the ICID Central Office for uploading on the website of the group.

12. Members may like to discuss and evolve methodology for sharing of information and updation of WG website. In order to ensure regular contribution of the members, WG is encouraged to make full use of virtual meetings in between face-to-face meeting during IEC.

**WG-AFM Agenda Item 6.2: Webinar/ Web based seminar**

13. During the last meeting (2022), the WG agreed to organise Webinars every four months to keep the activities of the group. The members were encouraged to prepare and deliver presentations in the virtual meetings of the group. Accordingly, ICID Central Office has requested Chair to share the topic for the WG webinar in consultation with members of the group. Chair will provide the latest updates in this regard.

14. This year, the technical working groups of ICID have organised several webinars based on the mandate of the group which are available at [https://icid-ciid.org/inner\\_page/66](https://icid-ciid.org/inner_page/66).

**WG-AFM Agenda Item 7: Presentation on Floods (Country Case Studies)**

15. It is customary in the WG meeting that a professional/expert from the host national committee i.e. Indian National Committee on Irrigation and Drainage (INCID) will make a presentation on Floods (Country case studies). The country paper normally covers the flood situation in the host country, major flood events in the past with focus on recent floods in the country. INCID has been requested to nominate a suitable professional/expert for making such a presentation in the working group meeting. WG Chair/ INCID representative will update the members in the WG meeting.

**WG-AFM Agenda Item 8: Any other business**

16. **ICID Members' Profile Section:** It was noted that ICID launched a website (<https://icid-ciid.org>) for the members of the WG and provided the information related to ICID Members' Profile Section for accessing to their profile section using their dedicated account. In this regard, ICID Central Office vide e-mail dated 09 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their account and change their password to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information. Accordingly, ICID Central Office has requested all members of the WG to access their profile and update the same. Chair will further requests to all members about the importance of assessing Members' profile for reviewing and continuous updating of their respective information.

**17. Register on World Irrigation and Drainage Schemes (WI&DS):** At the Adelaide meeting, members of the group encouraged to share appropriate data in the context of 'Register on World Irrigation and Drainage Schemes (WI&DS)'. In this regard, ICID was taken an initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in our member countries for contributing to the register. Chair will also inform the members that as per ICID Central Office, this facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.

**18. Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. With consultation of PCTA, PCSO, Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the **WG-WFE\_N** Water Food Energy Nexus has been included in themes 2 & 3 (Natural Resources Management & Water Management under Climate Change & Water Scarcity) which is proposed to be integrated with Working Group on Rainwater Harvesting (WG-RWH), Working Group on Sustainable Development of Tidal Areas (WG-SDTA), Working Group on Managing Water Scarcity under Conflict Demands (WG-MWSCD) and Working Group on Global Climate Change & Agricultural Water Management (WG-CLIMATE). If the proposed restructuring of the WGs are approved by IEC, then, the name of WG-AFM will need to change to a new name to reflect the newly added Working Groups. And hence, the mandate of the new WGs will be modified to reflect the newly added on topics of the amalgamated working groups. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**. WG Chair will provide further updates during the meeting.



**NOTES FOR CHAIRPERSON NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 7 November 2023.





**A. Members and their attendance at 2022**

Sl. No.	Members	2021			2022		Remarks
		Member from (Year)	Self	Contributed by mail	Self	Contributed by mail	
1	Dr. Kamran Emami (Iran), <b>Chairman</b> (2010)	1999	•				
2	Ms. Sahar Norouzi – Young Professional (Iran), <b>Secretary</b>	2018	•				
3	Mr. Maurice Roos (USA)	2006		•		•	
4	Mr. Olli-Matti Verta (Finland)	2011					No contribution, recommended for discontinuation after India meeting if no contribution
5	Mr. Marcel Marchand (Netherlands)	2011		•			
6	Dr. Arthon Suttigam (Thailand)	2012		•	•		
7	Dr. Rozalija Cvejic (Slovenia)	2014					No contribution, recommended for discontinuation after India meeting if no contribution
8	Mr. Rajini Kant Agarwal (Direct member), WAPCOS India Limited	2014		•	#		
9	Engr. Syed Mahmood-ul-Hassan (Pakistan)	2018		•	#		
10	Eng. Hind Massoud (Sudan)	2018		•			
11	Mr. Ahmad Bin Dakur (Malaysia)	2018	#		•		
12	Engr. Abdullah Hassan Hussein (Somalia)	2018		•			
13	Dr. Abdelilah Taky (Morocco)	2018	•			•	
14	Dato's Ir. Mohd Azmi Bin Ismail (Malaysia)	2019		•	•		
15	Dr. Akie Mukai (Japan)	2020	•		•		
16	Mr. Tamá Tóth (Hungary)	2020		•		•	
17	Dr. Maheswor Shrestha (Nepal)	2021	•				
18	Engr. Duan Cheng (China)	2021	•				
19	Dr. Hui Lu (China)	2021		•		•	Provisional member
20	Dr. Zhong-Kai Feng as YP	2021	•			•	
21	Mr. Muhammad Ejaz Tanveer (Pakistan)	2022			# <sup>2</sup>		Provisional Member
22	Ir. Zhu Haidong (China)	2022					Provisional Member
23	Secretary General, ICID		#				

**B. New Nominations received from the National Committees**

Sl. No.		Country	Remarks
1	Dr. Ming-Che Hu	Chinese Taipei Committee	Recommended as member, subject to his/her presence else provisional member
2	Engr. Muhammet Bahattin Avcuoglu	Turkey	Recommended as member, subject to his/her presence else provisional member
3	Engr. Mehmet Akif Kaygusuz	Turkey	Recommended as member, subject to his/her presence else provisional member



# Through representation

**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WG-AFM**

	Activity	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024
<b>Goal B: Be a catalyst for change in policies and practices</b>										
<b>Strategy B5 : Encouraging Development of Drought Management Policies</b>	5.1 Develop Guidelines on Flood Risk Management strategies	Guidelines		Release first draft guidelines	Release of the finalized guidelines		Updating of the guidelines		Including the guidelines in the WG publication	
	5.3 Publication of the WG on Adaptive Flood Risk Management				Preparing Country reports	Preparing Country reports	Preparing Country reports	Draft Publication	Final Publication	
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>										
<b>Strategy C3 : Promoting Regional Cooperation</b>	3.3 Organise internal/ international workshop on flood management	Proceedings of the workshop	Invite member countries and IOs like WMO, ICOLD, IAHR, APFM etc. (discussion in WG meeting)	Workshop	Workshop	Workshop	??	Workshop in Australia		
	4.25 Case studies on flood mitigation measures	Technical report		Finalizing the first set of case studies		Publishing a paper in IRD journal		Finalizing the third set of case studies		
<b>Goal F: Facilitate capacity development</b>										
<b>Strategy F3: Technical Training of Young Professionals from member countries</b>	3.10 To launch e-Discussion on Flood Risk Management	Outcome	e-Discussion on Flood Risk Management (discussion in the WG meeting)	To invite member countries/IOs for e-Discussion on Flood Risk Management					Preparing a workshop for YP.	

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)



**AGENDA FOR THE 5<sup>th</sup> MEETING OF THE  
WORKING GROUP ON IRRIGATION AND DRAINAGE IN THE STATES UNDER  
SOCIO-ECONOMIC TRANSFORMATION (WG-IDSST)**

06 November 2023, 09:30-11:00 hours (Session I) and 11:30-13:00 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Basin**

**Presented by the Chairman**

**Year of Establishment: 2018**

**Completion of the Mandate: 2024**

**Mandate:** (a) to develop and strengthen the network among the countries of transition on the basis of establishment of monitoring and evaluation of common problems in the States and bring it to the attention of decision-makers in states; (b) to create database and exchange of information about changing situation in Irrigation and Drainage in these States and to attract global and national attention to existing trends affecting global and national food security and wellbeing of rural population; especially related to climate change and ability to adapt to it; (c) to promote implementation of IWRM and broad-basing of stakeholders by popularizing the case studies and best practices explaining the real content of IWRM principles; (d) to monitor the ecological situation in the transition states, including problems of closed basin (Aral Sea, Lake Chad, Lake Victoria, Caspian Sea), rivers deltas, salinization and water logging, land desertification etc.; (e) to collect appropriate advance irrigation and drainage technology for use in transition states and its dissemination through capacity building; to promote involvement young specialists as providers of these innovations; pay specific attention to use of RS technology in I&D; (f) to promote farmer's and WUAs training to create awareness about agricultural water management; (g) to increase the efficiency and functioning of the WG, intensify collaboration with other countries to share best practices and experience for development of irrigation and drainage in the States under socio-economic transformation.

**Website:** [http://icid-ciid.org/inner\\_page/114](http://icid-ciid.org/inner_page/114)

With profound grief, we inform the sad news of the passing away of Vice Chairman WG-IDSST Dr. Shukhrat Mukhamedjanov in June 2023. His services were immense not only to the Uzbekistan National Committee but also to ICID. Dr. Shukhrat's professional experience was concentrated in implementing projects/programs in the field of land reclamation and drainage water use for irrigation, effective water use for irrigation, and water productivity improvement at the plot level, in water use planning at all irrigation system levels. He was the leader of the activity within Integrated Water Resources Management; and also worked as Project Manager of the project of water productivity improvement at Plot Level (WPI-PL) in Uzbekistan, Tajikistan, and Kyrgyzstan.

**WG-IDSST Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last virtual meeting held in October 2022.
2. In December 2022, the Turkish National Committee on Irrigation and Drainage (TUCID) nominated Mr. Burhan Yavuz and Dr. Hayreddin Erşan (Turkey) for membership of the working group. The group may like to discuss appointing a new Vice Chair during the meeting.
3. Engr. Peter Yakube Manjuk (Nigeria), Eng. W.B. Palugaswewa (Sri Lanka), Dr. Hassan Abu Bashir (Sudan), and Mr. Baratov Rustam Okilovich (Tajikistan) have not contributed to the activities of the working group during the last two years. Chair in consultation with the Secretary of the WG and the Central Office have updated the membership of the WG as given in **Annex 1** (refer to the *electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt with suitably after the meeting.

<sup>1</sup> This will also include details of membership of WG as **Annex**

**WG-IDSST Agenda Item 2: Road Map to ICID Vision 2030 – Activities in the States under socio-economic transformation**

4. At the Adelaide meeting, the Working Group discussed the Road Map and considered “Goal A: Enable higher crop productivity with less water and energy” and “Goal B: Be a catalyst for change in policies and practices” (refer to **Annex 2**). Dr. Wahba informed the group that these goals were partially met and more actions are needed on this important issue and requested the Chair to take action on these important activities. Chair will provide further updates at the meeting.

**WG-IDSST Agenda Item 3: Discuss and develop work plan based on new mandate**

5. At the Adelaide meeting, the group discussed the work plan of the WG and proposed to pay more attention to the development of information exchange, which is a common task in the work plan of the WG (refer to **Annex 3**). Dr. Wahba requested the Chair to take action on these important activities. The new mandate of the WG had reckoned, to involve developed countries in the working group for the exchange and possible use of their successful experience and technologies.

**WG-IDSST Agenda Item 3.1: Develop and strengthen the network among the transition states**

6. During the Adelaide meeting, WG noted the opening of a dedicated WG-IDSST window in CAWater-info. Members of the WG-IDSST agreed to host the CAWater-info website for the exchange of information between countries. During the meeting, the WG discussed the issue to develop this website and the possibility of opening a window/ platform on the website for the exchange of opinions however, more actions are needed on this issue. Chair/ Secretary will provide further updates at the meeting.

**WG-IDSST Agenda Item 3.2: Database of I&D in the states in transition**

7. During the virtual meeting in May 2022, the meeting participants agreed that each country will collect material regarding experience, and good practices, as well as assessments of the current irrigation and drainage situation in the countries. The material will be posted on the CAWATER-Info website for public access. Members of the working group were encouraged to prepare inputs on experiences, best practices, and assessments of the current situation in irrigation and drainage in their countries. It was proposed that the WG leadership will place the material on the CAWater-info website. Chair/ Secretary will provide further updates at the meeting.

**WG-IDSST Agenda Item 3.3: Case studies and best practices of IWRM**

8. During the Adelaide meeting, Dr. Katsuyuki Shimizu (Japan) and Dr. Yawen Chiueh (Chinese Taipei Committee) made an interesting presentation about experiences from their countries. In January 2023, ICID Central Office invited all members to make a presentation during the India meeting in November 2023. Chair will provide further updates at the meeting.

**WG-IDSST Agenda Item 3.4: Monitor and evaluate the ecological parameter in transition countries**

9. At the Adelaide meeting, Dr. Wahba informed the members about the World Bank project in Cambodia and India and presented during the conference about using RS with a simple questionnaire to farmers, engineers, communities, and authorities for assessment evaluation of existing irrigation and drainage. These tools are simple, easily available, and very useful and for those reasons, Dr. Wahba recommended applying in other countries. Chair/ Secretary will provide further updates at the meeting.

**WG-IDSST Agenda Item 3.5: Capacity building in transition countries**

10. During the Adelaide meeting, Dr. Wahba informed the group about the achievements in AFRWG and Af-YWP-Forum and recommended following and doing similar activities in other regions for young professionals. Also, Dr. Wahba suggested considering CB&D of farmers and women as important partners of IWRM and informed the group that he is ready to support it. Chair/ Secretary will provide further updates at the meeting.

**WG-IDSST Agenda Item 4: ICID Members' Profile Section**

11. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021

<<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**WG-IDSST Agenda Item 5: World Irrigation and Drainage Schemes (WI&DS)**

12. ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

**WG-IDSST Agenda Item 6: Any other business**

13. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandates. With consultation of PCTA, PCSO, Secretary General of ICID, and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-IDSST has been included in theme 2 (Natural Resources Management) which is proposed to be integrated with TT-Transboundary. WG Chair will provide further updates during the meeting. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.



**Annex 1 [Appendix XV, Item 1]**

**MEMBERS AND THEIR ATTENDANCE AT 2021 and 2022 MEETINGS**

No.	Members	Member from (Year)	2021		2022		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Prof. Peter Kovalenko, Chairman (Ukraine)	2018	.			.	
2.	Dr. Shavkat Makhmudjvich Kenjabaev, Secretary (Uzbekistan)	2020	.			.	
3.	VPH Dr. Mohamed Wahba (Egypt)	2018	.		.		
4.	Mr. Rajni Kant Agrawal, Direct Member, WAPCOS (India)	2021			#		
5.	Dr. Katsuyuki Shimizu (Japan)	2018	.		.		
6.	Engr. Peter Yakube Manjuk (Nigeria)	2018					No contribution, recommended for discontinuation after India meeting if no contribution
7.	Mr. Rafaquat Ali (Pakistan)	2018			#		
8.	Dr. Alexander Solovyev (Russia)	2018	# <sup>2</sup>				
9.	Eng. W.B. Palugaswewa (Sri Lanka)	2018					No contribution, recommended for discontinuation after India meeting if no contribution
10.	Dr. Hassan Abu Bashar (Sudan)	2018					No contribution, recommended for discontinuation after India meeting if no contribution
11.	Mr. Baratov Rustam Okilovich (Tajikistan)	2018					No contribution, recommended for discontinuation after India meeting if no contribution
12.	Dr. Andrii Shatkovskyi (Ukraine)	2018	.				
13.	Mr. Momir Vranes (Australia)	2019	.		.		
14.	Dr. (Ms.) Yawen Chiueh (Chinese Taipei Committee)	2019	.		.		
15.	Dr. Usman Khalid Awan (Pakistan)	2022			#		
16.	Secretary General ICID		#				
	<b>Permanent Observers</b>						
(i)	IWRA (Prof. Daene C. McKinney)						
(ii)	FAO Representative						
(iii)	World Bank representative						

**B. New nominations received from the National Committee**

No.	Name	Country	Remarks
1.	Mr. Burhan Yavuz	Turkey	Recommended as a member, subject to his presence else a provisional member
2.	Dr. Hayreddin Erşan	Turkey	Recommended as a member, subject to his presence else a provisional member



<sup>2</sup> Through representation





**ROAD MAP TO ICID VISION 2030 - ACTIVITIES OF WORKBODIES**

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024	Responsibility
<b>Goal A: Enable higher crop productivity with less water and energy</b>									
	The Development of drip irrigation systems and technologies in countries.  Irrigation and water use efficiency in small-scale farms	Widespread adoption of water- saving technologies in countries  Countries experience on methods and approaches for effective irrigation on small farms		1. Overview of water-saving technologies in countries.  2. Exchange of experience  1. Overview of experience on methods and approaches for effective irrigation on small farms in countries.  2. Exchange of experience	Methods and tools to reduce unproductive losses in irrigation. Assessment of water availability in Central Asia based on WUEMOCA  Methods and approaches for effective irrigation on small farms				
<b>Goal B: Be a catalyst for change in policies and practices</b>									
	Publication	Technical paper	A review of the experience of leading countries in the effective management of water resources	Overview of scientific advances in countries to reduce unproductive losses in irrigation.					
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>									
C1. Strategy: Providing Knowledge-sharing Platform for AWM Professionals	3.1 Develop and strengthen the network	Establishment of communication between countries on the rapid exchange of information Web- Portal organization.		Exchange of experience between countries on the effective management of water resources	Exchange of experience between countries on methods and tools to reduce unproductive losses in irrigation.				
	3.2 Database on irrigation and drainage in the countries of transition	Database on irrigation and drainage in the countries of transition							
<b>Goal E: Encourage research and support development of tools to extend innovation into field practices</b>									
	5.1 Interaction between countries in studies of	Introduction of remote sensing and remote control of water		Research and exchange of experience between	Research and exchange of experience between				

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024	Responsibility
	remote monitoring of water resources and water use	use and water resources management		countries in the widespread introduction of remote sensing in monitoring water metering at water bodies	countries in the widespread introduction of remote sensing in monitoring irrigated fields and crops				
<b>Goal F: Facilitate capacity development</b>									
F3. Strategy: Technical Training of Young Professionals from Member Countries	Organize training Workshop	Training Workshop	Organize Training Workshop		Organize Training Workshop				



**WG-IDSST WORK PLAN**

Activity	Outcomes/ Outputs	2020	2021	2022	2023	2024
(a) to develop and strengthen the network among the countries of transition on the basis of establishment of monitoring and evaluation of common problems in the States and bring it to the attention of decision-makers in states;	Created Web-Portal for continuous communication between countries	1. Based on the Web Sit CAWATER.Info <a href="http://cawater-info.net/water_world/index.htm">http://cawater-info.net/water_world/index.htm</a> create an ICID window, WG IDSST. 2. Exchange of information on monitoring and evaluation of common problems.	Web Portal Development	Web Portal Development		
(b) to create database and exchange of information about changing situation in Irrigation and Drainage in these States and to attract global and national attention to existing trends affecting global and national food security and wellbeing of rural population; especially related to climate change and ability to adapt to it;	A database was created based on the CAWATER.Info Portal <a href="http://cawater-info.net/water_world/index.htm">http://cawater-info.net/water_world/index.htm</a>	1. Exchange of experience and information between countries on changing situations in irrigation and drainage in countries. 2. Information in countries in irrigation and drainage due to climate change.	1. Exchange of experience and information between countries on changing situations in irrigation and drainage in countries.  2. Information in countries on adaptation of irrigation and drainage and agriculture to climate change.	1. Exchange of experience and information between countries on changing situations in irrigation and drainage in countries.		
(c) to promote implementation of IWRM and broad-basing of stakeholders by popularizing the case studies and best practices explaining the real content of IWRM principles;	Publication	Widespread adoption of IWRM principles in countries	Overview of countries' experiences in implementing IWRM	Obstacles in countries in implementing IWRM		
(d) to monitor the ecological situation in the transition states, including problems of closed basin (Aral Sea, Lake Chad, Lake Victoria, Caspian Sea), rivers deltas, salinization and water logging, land desertification etc.;	Overview of environmental monitoring results in countries, including closed basins problems	Collection of monitoring information and facilitate in their implementation	2. Exchange of experience	2. Exchange of experience and decision		
(e) to collect appropriate advance irrigation and drainage technology for use in transition states and its dissemination through capacity building; to promote involvement young specialists as providers of these innovations; pay specific attention to use of RS technology in I&D;	Countries have access to information from other countries through the Web-portal on advanced technologies in irrigation and drainage. Young professionals trained to spread innovation	Overview of advanced water-saving technologies and remote sensing tools in countries	2. Exchange of experience	Overview of scientific advances in countries to reduce unproductive losses in irrigation.		

Activity	Outcomes/ Outputs	2020	2021	2022	2023	2024
(f) to promote farmer's and WUAs training to create awareness about agricultural water management;	Training materials and modules prepared for farmers and WUAs in countries	A review of existing methods, approaches, technologies that allow effective management of irrigation water at the level of WUA farms.	2. Exchange of experience	Preparation of training modules from each country for training farmers and WUAs on advanced water use technologies		
(g) to increase the efficiency and functioning of the WG, intensify collaboration with other countries to share best practices and experience for development of irrigation and drainage in the States under socio-economic transformation.	Develop and strengthen the network	Establishment of communication between countries on the rapid exchange of information Web- Portal organization.	Exchange of experience between countries on the effective management of water resources	Exchange of experience between countries on methods and tools to reduce unproductive losses in irrigation.		



**AGENDA FOR 3<sup>RD</sup> MEETING OF THE  
WORKING GROUP ON WATER FOOD ENERGY NEXUS (WG-WFE\_N)**

5 November 2023, 11:30-13:00 Hours (Session-I)  
5 November 2023, 14:00-15:30 Hours (Session-II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Basin**

**Presented by the Chairman**

**Year of Establishment: 2021**

**Completion of the Mandate: 2027**

**New mandate of the WG:**

- (a) to exchange information, knowledge, and experience, as well as networking on the Water-Food-Energy Nexus topic in order to be up to date with new developments, methods and approaches. This can be the basis for a possible position paper on key issues on the nexus.
- (b) to prepare an overview document on the state of the art on improving water use efficiency and productivity within the nexus.
- (c) to produce a document of impact of climate change and possible use of non-conventional less water consuming crops
- (d) to prepare an overview document on the state of the art on model applications as useful management tools for water, crops, field and energy management within the nexus
- (e) to prepare and present reports on case studies on recent developments in the countries that are represented in the WG; and from presented cases of the workshops
- (f) to organize international workshops, seminars or symposia on the Nexus topic.
- (g) to implement ICID 2030 vision

**Webpage:** [https://icid-ciid.org/inner\\_page/147](https://icid-ciid.org/inner_page/147)

**WG-WFE-N Agenda Item 1: Action Taken Report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held in 2022 at Adelaide, Australia.

**WG-WFE-N Agenda Item 2: Review of the membership of the WG-WFE\_N**

2. The Turkish National Committee on Irrigation and Drainage (TUCID) has nominated three experts i.e. Engr. Mustafa Demir; Engr. MUHAMMED İMRAN KULAT; and Dr. Mesut Kocak for the membership of the WG.

3. The Iran National Committee on Irrigation and Drainage (IRNCID) has nominated Dr. Behzad Navidi Nassaj (Iran) for the membership of WG.

4. The South African National Committee on Irrigation and Drainage (SANCID) has nominated Dr Luxon Nhamo and Prof Tafadzwa Mabhaudhi (South Africa) for the membership of WG.

5. Chair in consultation with Vice Chair, Secretary of the WG and the Central Office has updated the membership of the WG as given at **Annex 1** (*refer electronic version for latest list*). New nominations, if any, for the membership received will be dealt suitably after the meeting.

**WG-WFE-N Agenda Item 2.1: A brief report of the Virtual / WebEx meeting of WG, 26 April 2023**

6. WG Chair Dr. Ragab Ragab (President, ICID) has organized the First Virtual meeting of the group on 26 April wherein nineteen members participated. During the virtual meeting, Chair discussed various activities like new membership, international workshop, three-year rolling plan based on the scoping document for a new WG-WFE\_N, contributions from the members of the WG publication (technical report of erstwhile WG-WATER & CROP), updating MTD, presentations by WG members etc. ICID Central Office has been circulated the minutes of the WG to members of the group. Minutes of the virtual meetings of all technical work body have been uploaded

<sup>1</sup> This will also include details of membership of WG as **Annex**

on a dedicated webpage - "ICID Workbodies Virtual Meeting" ([https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152)). Chair will provide further updates at the meeting.

**WG-WFE-N Agenda Item 3: Three-year Rolling Plan based on the Scoping Document for a new WG-WFE\_N**

7. During the first virtual meeting, it was noted that the Working Group requested the members of the group to select an area of interest as outlined in the 3-year rolling plan based on the Scoping Document for a new Working Group on Nexus. As a result, a brief overview of the WG's activities was presented by the Chair, along with details regarding the preparation of a three-year rolling plan for 2021-2023, as well as thanking members for volunteering to preparation in various activities. The updated activity table on 3-year rolling plan of the WG is given as **Annex 3**. ICID Central Office has requested the members who have not shared their name for taking the responsibility of 3-year rolling plan of the WG as contribution. WG Chair will provide further updates of the 3-year rolling plan of the WG during the meeting. WG Chair will provide further updates of the 3-year rolling plan of the WG during the meeting.

**WG-WFE-N Agenda Item 4: Road Map to ICID Vision 2030: Activities on Water-Food-Energy-Nexus**

8. During the Adelaide meeting, WG reviewed the activities such as Goals/Strategies, Actions, Outcomes/Outputs, Milestones and assigning Lead Persons as part of Road Map to ICID Vision 2030 and updated it. The updated status of the progress on Road Map to ICID Vision 2030 of the WG as **Annex 3**. As part of the Road Map, the WG informed that International Workshop of the group will be held in 2023. Chair may provide further updates about the Road Map to ICID Vision 2030 of the group during the meeting.

**WG-WFE-N Agenda Item 5: Multi-functionality of water use in paddy (Rice) cultivation**

9. The Working Group has already decided to bring out a 'Technical Report' based on papers contributed by its members in areas such as – (i) efficient use of water in crop production; (ii) crop water models; (iii) multifunctional water use in paddy; and (iv) rain water harvesting and energy crops. Further, it was noted that the report would be a consolidation of contributions and collection of information from members on these topics under the mandate of the group. NCs of China, Indonesia, Philippines, and Italy have already made their papers for the 'Technical Report' of the group. While VPH Dr. Reddy, Vice-Chair; Prof. Zeinab Hussein Behairy (Egypt); Dr. P. Soman (India), and Ir. Felipe Dantas (Australia) members of the WG have also shared their papers titled 'Water Use in Paddy Rice Cultivation in India'; 'Rice Story in Egypt'; 'Drip irrigation and fertigation technology for rice production leading to higher water productivity'; and 'Australian Rice Market' as contribution based on the experience as 'multi-functionality of water use in paddy rice cultivation' for inclusion in the Technical Report of the WG.

10. In May 2023, VPH Dr. VPH Marco Arcieri, Member of the group, has share a comprehensive technical report titled 'Rice cultivation in the Mediterranean area: Italy case study' of the WG to Chair and copy to ICID Central Office. Chair may provide further updates at the meeting.

**WG-WFE-N Agenda Item 6: Updating Multilingual Technical Dictionary (MTD)**

11. During the Adelaide meeting, Chair informed the importance of the Multilingual Technical Dictionary (MTD) and efforts were made. The new terminology like Nexus and related terms shall be included in the MTD for the members benefit for better understanding the concepts. It was noted that Mrs. Narges Zohrabi (Iran) member of the WG, took the responsibility as Coordinator of the MTD of the WG and agreed to coordinate with all members and update MTD with new addition.

12. Regarding the Multilingual Technical Dictionary (MTD), since Mrs. Narges Zohrabi did not have the title of coordinator and person in-charge, the Chair himself provided explanations. In the following, it was decided that if possible, one of Mrs. Zohrabi's colleagues (Dr. Behzad Navidi Nassai) who attended the 1<sup>st</sup> Virtual meeting of the WG, would talk about the progress of the work, although it seems that the follow-up and mechanism of compilation of this collection has been started by Mrs. Zohrabi. Chair / Mrs. Zohrabi will provide further updates, if any, at the WG meeting.

**WG-WFE-N Agenda Item 7: International Workshop on 'The Water-Energy-Food-Nexus: Implementation and Examples of Application'**

13. As part of the Action Plan 2030, the WG is organizing the International Workshop on the theme 'The Water-Energy-Food-Nexus: Implementation and Examples of Applications' and sub-themes – (i) Methods to calculate the WEF Nexus Index; (ii) WEF Nexus at field, regional and country scales; (iii) The spatial distribution of the WEF Nexus and the trade-offs to improve the WEF Nexus at different scales; (iv) Institutional and Governance issues in implementing the WEF Nexus; and (v) WEF Nexus application and benefit at transboundary scale on 03 October 2022 from 09:30-11:00 Hours and 11:30- 13:00 Hours during the 25<sup>th</sup> ICID Congress in November 2023 at Vizag.,

Andhra Pradesh, India. In April 2023, ICID CO in consultation with the Chair, Vice-Chair and Secretary has circulated the Call for papers of the international workshop of the group to all members of the WG and others for contributing their abstract / paper for the workshop.

14. In response, 21 abstracts have been received from the authors for the WG workshop. The Review Committee of the group has evaluated these abstract and selected 19 abstracts for the full papers and suggested the ICID CO to invite authors to submit full length papers for the WG workshop. Further, ICID CO has received 3 full length papers for the international workshop of the WG so far. Response from other authors are still awaited. Chair may apprise the members during the meeting.

**WG-WFE-N Agenda Item 8: Publications of the Working Group**

15. During the Adelaide meeting, WG considered to publish a few selected papers from the past International Workshops (2013, 2015 & 2019) with the support from IWRA. These selected papers of the past International Workshops of the WG could be considered for publication in the ICID Journal and/or Technical Report of the WG. It was noted that the Bali meeting (2019), the Australian representatives presented their papers in the international workshop of the WG where these papers were considered for the publication in the Special Issue of I&D.

16. Based on the status of the 'Technical Report' of the group, Chair of the WG has suggested the contributors to submit their papers for compilation. In this regard, the contributors might have submitted their paper to Chair for inclusion in the 'Technical Report' of the group. However, ICID CO has not received paper from the contributor. Chair will provide further updates of the WG at the meeting.

17. Considering the publication of the WG, Chair discussed in detail about the 3-year roll plan activity wise of the group at the Adelaide meeting. It was noted that the type of output (Document/Report) possible, contributors, and completion dates. Accordingly, Chair has requested that all contributors work systematically to reach the milestones as per the approved plan.

18. Further, Chair also informed that the papers presented in the last year international workshops were reviewed by him thoroughly and are 'Oven Ready' for submitting to any journal for publication.

**WG-WFE-N Agenda Item 9: Exchange of information, knowledge & networking –website**

**WG-WFE-N Agenda Item 9.1: Website of the group**

19. The WG website [https://icid-ciid.org/inner\\_page/147](https://icid-ciid.org/inner_page/147) has been updated with the membership list, agenda, minutes, paper presentation, publications etc. Members are requested for their active participation in the activities of the WG and facilitate exchange of information, knowledge, and experience, as well as networking on the topic in order to keep themselves up-to-date with new developments in the various activities of the group. Members are also requested to submit papers and presentations related to the WG's scope of work to the ICID Central Office for uploading to the WG's website.

20. In order to enrich the WG website, the 9 presentations were made during the International Workshop of the WG held in October 2022 at Adelaide, Australia and uploaded it on the WG website for dissemination.

21. In order to ensure regular contribution of the member's, Working Group is encouraged to make full use of Zoom platform for virtual meetings in between face-to-face meeting during IEC. The Chair will provide further updates at the meeting.

**WG-WFE-N Agenda Item 9.2: Webinar / Web-based Seminar**

22. The working group supported the suggestions of organizing webinars to promote sharing of vast experience available with ICID fraternity. Accordingly, the ICID CO requested members to provide their suggestions on the topics, based on the mandate of the WG, on which webinar can be considered along with name of the relevant experts who could be contacted to develop webinars.

23. This year, the technical working groups of ICID have organized several webinars based on the mandate of the group which are available at [https://icid-ciid.org/inner\\_page/66](https://icid-ciid.org/inner_page/66). The group may discuss and suggest suitable topics along with names of expert for organizing webinars.

24. During the first virtual meeting held in April 2023, it was decided to organize WG Webinar on the topic 'Application of Models in WEF-Nexus', preferably in the month of August 2023 based on the mandate of the group. The experts from IIT, Kharagpur; India, South Africa and Australia would be involved in the Webinar.

**WG-WFE-N Agenda Item 10: Any other business**

25. **ICID Members' Profile Section:** At the Adelaide meeting (2022), Chair informed the members about the new initiative of ICID providing WG members to access their profile section using their dedicated account. Further, he informed that ICID CO vide email of 9 July 201 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their account and change their password to maintain accuracy. To maintain accurate information, members are requested to review and update their information using their credentials. Accordingly, ICID Central Office has requested all members of the WG to access their profile and update the same. Chair will further requests to all members about the importance of assessing Members' profile for reviewing and continuous updating of their respective information

26. **Register on World Irrigation and Drainage Schemes (WI&DS):** At the Adelaide meeting, Chair encouraged the members to share appropriate data in the context of 'Register on World Irrigation and Drainage Schemes (WI&DS)'. In this regard, ICID was taken an initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in our member countries for contributing to the register. Chair will also inform the members that as per ICID Central Office, this facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.

27. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. With consultation of PCTA, PCSO, Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the **WG-WFE\_N** Water Food Energy Nexus has been included in theme 2 (Natural Resources Management) which is proposed to be integrated with Working Group on Irrigation Development and Management (WG-IDM). If the proposed restructuring of the WG is approved by IEC, then, the name of WG-WFE\_N will need to change to a new name to reflect the newly added Working Group. And hence, the mandate of the new WG will be modified to reflect the newly added on topics of the amalgamated working group. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**. WG Chair will provide further updates during the meeting.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag., India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.



**A. Members and their attendance at 2021 and 2022 Meetings**

Sl. No.	Members	Member from (Year)	2021		2022		Remarks
			Self	Contributed	Self	Contributed	
1.	PH Dr. Ragab Ragab, <b>Chairman</b> (UK)	2007	•		•		
2.	Dr. K. Yella Reddy, <b>Vice-Chair</b> (2022) (India)	2009	•		•		
3.	Dr. Mahdi Sarai Tabrizi (Iran) <b>Secretary</b> (2022)	2021				•	
4.	Dr. Marco Arcieri (Italy)	2014	•			•	Member
5.	Ir. Adang Saf Ahmad (Indonesia)	2015				•	Member
6.	Dr. P. Soman (Direct Member), JISL	2015				•	Member
7.	Prof. Won-Ho Nam (Korea)	2017	•		•		Provisional Member
8.	Dr. Chung-Feng, Ding (Chinese Taipei)	2018	•		•		Provisional Member
9.	Prof. Dr. Zeinab HussienBehairy (Egypt)	2018	•			•	Member
10.	Eng. Karshiyev Rustum Jurayevih (Uzbekistan)	2019				•	Provisional Member
11.	Mr. Felipe Dantas (Australia)	2019				•	Provisional Member
12.	Dr. Noppadon Kowsuvon (Thailand)	2021	•		•		Member
13.	Mr. Watchara Suiadee (Thailand)	2021	•		•		Member
14.	Mr. Chaisri Suksaroj (Thailand)	2021				•	Provisional Member
15.	Prof. Cheh-Shy Ting (Chinese Taipei Committee)	2021				•	Provisional Member
16.	Dr. Peng-Jui Wang (Chinese Taipei Committee)	2021				•	Provisional Member
17.	Mr. Carl Walters (Australia)	2021				•	Provisional Member
18.	Mr. John William O'Connor (Australia)	2021				•	Provisional Member
19.	Dr. Vishnu Prasad Pandey (Nepal)	2021			•		Provisional Member
20.	Dr. Deepak Khare (India)	2021				•	Provisional Member
21.	Dr. Man Singh (India)	2021				•	Provisional Member
22.	Mrs. Narges Zohari (Iran)	2021			•		Provisional Member
23.	Mr. Lu Hui (Thailand)	2021				•	Member
24.	Dr. Junzeng Xu (China)	2021				•	Provisional Member
25.	Mr. Liangsheng Shi, YP (China)	2021				•	Provisional Member
26.	Asst. Prof. Dr. Piyatida Ruangrassame, Observer (Thailand)	2021	•			•	Provisional Member

Sl. No.	Members	Member from (Year)	2021		2022		Remarks
			Self	Contributed	Self	Contributed	
27.	Mr. Yukiya Saika (Japan)	2021	•			•	Member
28	Ir. LIU Dongzhe (China)	2022				•	Provisional Member
29	Dr. Amani Alfaraa (Canada)	2022				•	Provisional Member
30	Mr. Abbas Fadhel (Iraq)	2022			#		Provisional Member
31	Mr. Basim Tuama (Iraq)	2022				•	Provisional Member
32	Prof. Dr. S.Vishnuvardhan (India)	2022				•	Provisional Member
33	Secretary General, ICID		•		•		
1.	FAO representative						
2.	Mr. Herbert H. Van Lier, CIGR						
3.	Prof. D. Wrachien (Italy)						
4.	ICRISAT representative						
<b>Observer</b>							
1.	Mr. Syaiful Mahdi (Indonesia)	2015				•	Observer

**B. New Nominations received from the National Committees**

Sl. No.	Name	Country	Remarks
01.	Dr Luxon Nhamo	South Africa	Recommended as member, subject to his presence else provisional member
02	Prof. Tafadzwa Mabhaudhi	South Africa	Recommended as member, subject to his presence else provisional member
03.	Engr. MUHAMMED İMRAN KULAT	Turkey	Recommended as member, subject to his presence else provisional member
04.	Dr. Mesut KOCAK	Turkey	Recommended as member, subject to his presence else provisional member
05.	Engr. Mustafa_DEMIR	Turkey	Recommended as member, subject to his presence else provisional member



**Annex 2 [Appendix XVI, Item 3]**

**THREE YEAR ROLLING PLAN OF THE WG THREE YEAR ROLLING PLAN OF THE WG**

S.No.	Activity	Contributors	Output type	Completion date (approx.) mm / yyyy	Remarks
01.	To prepare an overview document on the state of the art on improving water use efficiency and productivity within the nexus	Zeinab Behairy John O'Connor Ragab Man Singh Mahdi Sarai Tabrizi	Document/Report	09/2023	Dr. Vishnu can help with some of the review work together with other colleagues who will be associated with this activity
02.	To produce a document of impact of climate change and possible use of non-conventional less water consuming crops	Ragab Hui LU Marco Arcieri	Document/Report	11/2023	Dr. Ragab
03.	To prepare an overview document on the state of the art on model applications as useful management tools for water, crops, field and energy management within the nexus	John O'Connor Ragab Man Singh Liangsheng Shi Mahdi Sarai Tabrizi Marco Arcieri	Document/Report	10/2023	To prepare an overview document on the state of the art on agricultural intelligence and mobile APP for water, crops and field
04.	To prepare and present reports on case studies on recent developments in the countries that are represented in the WG; and from presented cases of the workshops	Yella Reddy Chung-Feng Ding Peng-Jui Wang Zeinab Behairy Carl Walters (and colleagues) Won-Ho Nam Peng-Jui Wang Mahdi Sarai Tabrizi India: Yella Reddy, Man Singh S. Africa: Sylvester, Sue Walker	Document/Report	10/2023	Carl - Will be pursuing the App Development to support energy, water use decisions and look forward to arranging the presentation and reporting on this at the Workshop with my colleagues
05.	To organize international workshops, seminars or symposia on the Nexus topic. Adelaide, Australia	Ragab & All Carl Walters	Proceedings	October 2022	Carl - Happy to arrange and ensure we have a workshop on this topic in Adelaide, I will be on organizing committee for the Congress. Dr. Vishnu can help to design the program in consultation with the team
06.	Internal Presentations: WG meeting, Marrakesh, Morocco  CWR assessment in southern Italy	Chung-Feng Ding Peng-Jui Wang Man Singh P. Soman	PPT presentations	November 2021	Part of the workshop 2023  Vizag 2023
07.	International Workshop Presentation Adelaide, Australia	Chung-Feng Ding Peng-Jui Wang Man Singh Won-Ho Nam Peng-Jui Wang P. Soman Hui LU	PPT & Proceedings	October 2022	Completed
08.	WG output publication close to the end of its mandate. Compilation of the different outputs presented in the above activities.	Ragab & ALL	ICID Book	Continuous until December 2026	Draft at earlier date



**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF NEW WG-WEF-N**

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Resolution Lead Person
<b>Strategy 5:</b> Supporting water productivity enhancement	5.3 Develop guidelines on efficient use of water in crop production	Guidelines	Outline of guidelines – introduction	Release the first draft guidelines	Finalise the draft guidelines and publish	Tbc next meeting	Tbc next meeting	Tbc next meeting	Merge Item 5 and B1. Dr Marco Arcieri (Italy)
<b>Strategy B1:</b> Supporting Development of Appropriate Policies	1.13 Technical Report on Efficient Use of Water in Crop Production	Report	Prepare the first draft report for discussion	Release the second draft report	Finalise the draft report and publish	Tbc next meeting	Tbc next meeting	Tbc next meeting	Dr Marco Arcieri (Italy)
<b>Strategy C3:</b> Promoting Regional Cooperation	3.2 International Workshop/seminar on 'Improving Water Productivity in the frame work of Water Energy Food Nexus'	Workshop pro-ceedings	Announce-ment of workshop	Orgnaising Workshop in Canada	Publication of papers in the Special Issue of the Journal	Tbc next meeting	Tbc next meeting	Tbc next meeting	VPH Laurie C Tollefson (Canada)
<b>Strategy D2:</b> Developing Technical Documents in Non-technical Language	2.2 Crop – Water-Energy Nexus	Technical Report		Workshop	Workshop	Tbc next meeting	Tbc next meeting	Tbc next meeting	Dr K Y Reddy (India)
<b>Strategy E2:</b> Strengthening Extension Services with AWM information						Tbc next meeting	Tbc next meeting	Tbc next meeting	Dr Nader Heydari (Iran)
<b>Strategy E3:</b> Developing and Promoting Tools of AWM	3.1 Support research and development of modelling tools	Develop-ment of suitable Models, Sensors, Tools for field use	Prepare action plan	Draft report on various developments	Consolidation and final report	Tbc next meeting	Tbc next meeting	Tbc next meeting	Dr Ragab Ragab
<b>Strategy F3:</b> Technical Training of Young Professionals from Member countries	3.9 Training on Crop Water Models Aqua Crop	Conduct Training work-shops		Training workshops		Tbc next meeting	Tbc next meeting	Tbc next meeting	All Members are responsible.



**AGENDA FOR THE 29<sup>TH</sup> MEETING OF THE  
ICID JOURNAL EDITORIAL BOARD (EB-JOUR)**

6 November 2023, 09:30-11:00 Hours (Session-I)  
6 November 2023, 11:30-13:00 Hours (Session-II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Knowledge**

**Presented by the Chairman**

**Year of Establishment: 1994**

**Mandate:** (i) To ensure with the (Joint) Editor(s) that the Journal is published in accordance with editorial policies; (ii) To select and recommend to IEC, through PCTA, the appointment of (Joint) Editor(s), Associate Editors and Members; (iii) To review and update editorial policies when required, to conform with the developing ICID objectives; (iv) To address and resolve issues pertaining to the Journal; and (v) To review guidelines for authors, manuscript reviewers and book reviewers and liaise and coordinate with ICID workbodies.

**Website:** [http://icid-ciid.org/inner\\_page/124](http://icid-ciid.org/inner_page/124)

**EB-JOUR Agenda Item 1: Action Taken Report by Chair (from Editor, Chairman)**

1. The Chairman's Report for 2022 has been disseminated to the members of EB-JOUR before the meeting. Various points emerging from the report will be presented at the beginning of the meeting and will be discussed during the meeting.
2. Chairman in consultation with Central Office have updated the membership of the WG as given at **Annex 1** (refer electronic version for latest list). New nominations, if any, for the membership will be dealt with suitably after the meeting.
3. The 2022 Journal Impact Factor was released by Clarivate's Web of Science in June, 2023. The 2022 Impact Factor for our journal IRD has increased to 1.9, a 33.4% increase from 2021 (1.424). Notably, the total citations increased by 17%, from 2126 in 2020 to 2490 in 2021.

**EB-JOUR Agenda Item 1.1: Special Issues**

4. In 2022, one supplemental special issue was published. It is:
  - (a) 71.S1, a special issue on Achieving climate resilience through improved irrigation water management from farm to basin scale. The guest editors for the special issue were Mohsin Hafeez, Stefan Uhlenbrook and Petra Schmitter. We are thankful to IWMI for this interesting Special Issue.
5. The following special issues are in preparation or are being planned:
  - (a) Sponsored Special Issue with papers presented in the workshops of the Working Group on Sustainable Development of Tidal Areas. A proposal prepared by Dr. Ruey-Chy Kao, who is the Chair, WG-SDTA, ICID, has been submitted to the Chairman. The proposed guest editors are Hsiao-Wen Wang, Bart Schultz, and Ruey-Chy Kao.
  - (b) Regular Special Issue with selected papers of the ICID Adelaide Congress. Thirteen papers have been finally accepted and around 10 papers are in preparation. It is expected that the special issue could be released as the final issue in 2023 or the first issue in 2024.
  - (c) The chairman has received proposals for several special issues, typical examples namely on:
    - Unmanned aerial vehicles;
    - Photocatalytic water purification technology;
    - Applying nanotechnology for sea food processing.
6. During the 29<sup>th</sup> EB-JOUR meeting, it was raised that it is important to link these topics to the aspects that are relevant for irrigation or drainage. When special issues are not sponsored, it is recommended to stick to the practice that not more than six papers on a topic will be published together in one regular issue.

**EB-JOUR Agenda Item 1.2: Virtual Issues**

7. M/s. Wiley-Blackwell has started with the publication of Virtual Issues (Vis). These are published online only, in which papers on a certain topic that have already been published, are published together. The first Virtual Issue was published in May of 2020. The 17 papers in this Issue are based on the SALTMED model that has been developed by Dr. Ragab Ragab.
8. A second Virtual Issue with selected papers by Prof. em. Bart Schultz has been published in December 2020.
9. The above two Virtual Issues with selected papers focusing on modernization of irrigation systems and climate change, respectively, have been published this year.
10. The VIs are published much later than the papers themselves. During the Business meeting with Wiley, the VI issue has been discussed. One concern is that too frequent VI might interfere with readers' attention to recently published articles. Wiley Journals Publishing Manager explained how VIs are not essential, however they can be good marketing tools. Therefore, we do not need to force them, but if we get a good topic, it can be good to create a VI.

**EB-JOUR Agenda Item 1.3: French resumés**

11. All articles in Irrigation and Drainage are published in English, with simultaneous French abstracts. This is a unique feature of our journal. Since 8th December 2021, the French text translation has been transferred to the ICID CO. Up to 17 August 2023 when the Chairman's report is being prepared, 187 papers have been sent to the ICID CO, and 178 papers have been returned to the Chairman with the complete translation of French texts. On average, this takes 28 days, with a wide range of 1 to 94 days. On behalf of the Chairman, I highly appreciate the efforts of ICID CO.
12. The expectation of checking the French texts in the papers is within four weeks. Usually, this goal can be achieved. In some occasional cases it takes longer than expected, with rare exceptions of two or three months.

**EB-JOUR Agenda Item 1.4: Recognition to the reviewers**

13. As a convention, 495 guest editors and reviewers during 2022 were recognized in the First Issue of 2023. Some of the referees reviewed more than two manuscripts; some of them reviewed both the original and several revised versions of a manuscript. Reviews are also listed in PUBLONS when reviewers would wish so.

**EB-JOUR Agenda Item 1.5: Review process**

14. The submission for 2022 was 365. The submission has peaked at 427 in 2020 for the last 23 years. The main reason is that two special issues were published in this year. In general, the submission for our journal shows an increasing trend. This is mainly caused by the larger interest of authors in publishing their paper in our journal.
15. Up to 17 August 2023, when the chairman report was being prepared, 227 manuscripts were received this year. In 2022 it was 245 at the same stage. The review of the manuscripts that were submitted until 2021 has been completed. For the 2022 submissions, 9 manuscripts are still in process. All these manuscripts completed at least one-round of review. For the 227 submissions of 2023, 34 manuscripts have been accepted (in principle), 124 manuscripts have been rejected and 69 manuscripts are in process.

**EB-JOUR Agenda Item 1.6: Best Paper Award 2022**

16. The Best Paper is selected by the Chairman in cooperation with the Joint Editor, Associate Editors, and Editor Emeritus of the Journal. In 2022, 5 regular issues and one supplementary special issue were published, resulting in a total of 113 papers. The supplemental special issue, 71.S1, was a special issue for achieving climate resilience through improved irrigation water management from farm to basin scale. One paper was preselected for each issue. During preselection, the severity of the critical comments from referees and the research topics of the papers were considered comprehensively. Academic quality is the main factor, while the distribution of research topics for the papers selected is a secondary factor considered. This resulted in 6 shortlisted papers. Among these 6 papers, the judgments of the referees showed that this year, one paper was clearly better than the other 5 papers. Therefore, it was selected as the best. The Best Paper Award is in the form of a citation plaque along with a cash prize of US\$ 500 or US\$ 800 in the form of Gift Books (Wiley Publications), which the awardees will have an option to choose. The winner of the 'Best Paper Award 2023' will be announced during the 2023 IEC Plenary Meeting on 4th November 2023.

**EB-JOUR Agenda Item 1.7: Membership for the EB-JOUR**

17. The Chairman has received FOUR new nominations from China, Chinese Taipei Committee, India and UK. The following nominations will be considered properly:

- Dr. DING Risheng (China)
- Dr. Hwa-Lung, Yu (Chinese Taipei Committee)
- Dr. Shweta Tyagi (India)
- Dr. Chris Perry (UK)

18. ICID Central Office has requested French National Committee of ICID (AFEID) and U.S. National Committee of ICID (USCID) for the new nominations in place of Severine Tomas (French translator) and VPH Larry D. Stephens (USA) for the membership of EB-JOUR.

**EB-JOUR Agenda Item 2: Road Map to ICID Vision 2030: Action Points of Editorial Board**

19. The implementation of the Action Points of the Editorial Board with respect to the Road Map to ICID Vision 2030 were presented of the Agenda during the Adelaide meeting of the EB-JOUR. Further, the milestone of the EB-JOUR for the years 2023 & 2024 to be updated as **Annex 2**. Chair may like to discuss this item with the members of the EB-Journal during the meeting

**EB-JOUR Agenda Item 3: Distribution of the Journal among the ICID membership**

20. This year is the fifth year under the 5th Agreement with Wiley (2019-2025) with M/s. Wiley-Blackwell, UK. Under this agreement, the major change compared to the previous Agreements is that all individual members of National Committees are entitled to receive 'Online accesses to the Journal'.

21. The number of subscriptions for 2023 is 1458 'online only', 88 'online + print' and 81 'print' only, which makes the total as 1627. The 'Direct Members' and 'Young Professionals' (receiving ICID scholarship) have been added to the list receiving ICID Journal

**EB-JOUR Agenda Item 4: Issues related with M/s Wiley-Blackwell**

22. The publisher is constantly keeping up with the new developments. This implies, for example:

- (a) better information related to the submission of papers;
- (b) provision of a list of names of potential reviewers to the Joint or Associate Editors when they handle a certain paper;
- (c) possibility to make a video clip to promote a submitted paper;
- (d) better information at the Wiley web page of the Journal to handle the review process, to record the progress on the submission of papers and to record the downloading of papers by readers.

**EB-JOUR Agenda Item 5: Any other business**

**5.1. ICID Members' Profile Section:** At the Adelaide meeting (2022), Chair informed the members about the new initiative of ICID providing WG members to access their profile section using their dedicated account. Further, he informed that ICID CO vide email of 9 July 201 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their account and change their password to maintain accuracy. Chair encouraged members to review and update their information using their credentials. Accordingly, ICID Central Office has requested all members of the WG to access their profile and update the same. Chair will further requests to all members about the importance of assessing Members' profile for reviewing and continuous updating of their respective information.

**5.2 Register on World Irrigation and Drainage Schemes (WI&DS):** In addition to information given at the Adelaide meeting held in 2022, Chair will further brief about ICID's initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in our member countries for contributing to the register. Chair will also inform the members that as per ICID Central Office, this facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail







## MEMBERS AND THEIR ATTENDANCE AT 2020 AND 2021 MEETINGS

Sl. No	Members	Member From	2020		2021		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Prof. Dr. Jiusheng Li (China), Chairman (2021)	2012	•	•	•	•	
2.	Prof. Dr. Kristoph-Dietrich Kinzli P.E. (USA), Joint Editor (2012)	2010		•		•	
3.	Prof. Graziano Ghinassi (Italy), Joint Editor (2021)	2015	•	•	•	•	
4.	President Hon. Dr. Bart Schultz, Editor Emeritus (2021) (The Netherlands)	2002	•	•	•	•	
5.	Prof. Jin-Young Choi (Korea), Associate Editor	2017	•	•	•	•	
6.	Asst. Prof. Dr. Anna Dalla Marta (Italy), Associate Editor (2021)	2021	•	•	•	•	
7.	Dr. Biju George (Australia), Associate Editor (2014)	2013		•	•	•	
8.	Prof. Dr. Ir. Nick C. van de Giesen (The Netherlands), Associate Editor (2013)	2007		•	•	•	
9.	Dr. Mohsin Hafeez (Pakistan), Associate Editor	2019	•	•	•	•	
10.	VPH Laszlo Hayde (Hungary), Associate Editor	2015	•	•	•	•	
11.	Dr. Poolad Karimi (Iran), Associate Editor	2016		•	•	•	
12.	Dr. Takanori Nagano (Japan), Associate Editor	2018	•	•	•	•	
13.	Asst. Prof. Keigo Noda (Japan), Associate Editor			•	•	•	
14.	Prof. Waldo Ojeda-Bustamante (Mexico), Associate Editor (2014)	2014		•	•	•	
15.	Prof. Saleh Taghvaeian (USA) Associate Editor (2014)	2014		•	•	•	
16.	Mr. Bernard Vincent (France), Associate Editor	2010		•	•	•	
17.	Prof. Daniele de Wrachien (Italy), Associate Editor	2001		•		•	
18.	Dist. Prof. Dr. Ray-Shyan Wu (Chinese Taipei Committee), Associate Editor	2020		•	•	•	
19.	VPH Prof. Dr. Dia El Din Ahmed El Quosy (Egypt)	2018		•	•	•	
20.	Dr. Luis Garcia (USA)	2018				•	
21.	Ir. Simon Howarth (UK)	2014				•	
22.	Dr. Marcel Kuper, (France)	2009		•	•	•	
23.	Dr. Vijay Labhsetwar (ICID Central Office)	2006	•	•	•	•	
24.	Dr. Muhammad Latif (Pakistan)	2002		•	•	•	
25.	Dr. Mohammad Javad Monem (Iran)	2011	•	•	•	•	
26.	Mr. Brent Paterson (Canada)	2013		•	•	•	

Sl. No	Members	Member From	2020		2021		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
27.	Prof. Dr. –Ing. Klaus Röttcher (Germany)			•	•	•	
28.	Prof. Ir. Dr. Mohd Amin bin Mohd Soom (Malaysia)	2009		•	•	•	
29.	Prof. Wenyong Wu (China)	2021	•			•	
30.	Prof. Rameshwar S. Kanwar (USA)	2021				•	
31.	Dr. Wang Zhen (China)	2021	•			•	
32.	Prof. Tapas Kumar Bwas (Australia)	2022	•			•	
33.	Er. B.A. Chivate, Director (India), ICID CO	2019	•	•	•	•	



# Through representation

**ROAD MAP TO ICID VISION 2030 – ACTION POINTS OF EDITORIAL BOARD**

	Activity	Outcomes/ Outputs	Realised for 2017	Realised for 2018	Realised for 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024
<b>Goal B: Be a catalyst for change in policies and practices</b>										
<b>Strategy B1 : Supporting Development of Appropriate Policies</b>	1.6 To devote one issue of IRD to the ICID Action Plan with invited papers of high level authors	IRD Special Issue	Invitation of authors	Publication in one of the regular issues		Published as Issue 69.2				
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>										
<b>Strategy C4 : Compile, Collate and Share Knowledge and Experiences</b>	4.1 To publish high quality papers in the journal Irrigation and Drainage (IRD) on new developments in irrigation, drainage and flood management	About 70 papers per year published in five issues.	5 Issues of IRD 72 papers published	5 Issues of IRD 78 papers published	5 Issues of IRD 86 papers published	5 Issues of IRD Significantly more papers 2 virtual issues	5 Issues of IRD	5 Issues of IRD		
	4.2 In addition to the regular issues to publish sponsored special issues on an ad hoc basis		No sponsored special issue	SITIDAL	SIDRAIN	SIAFRICA + SIMONPELLIER SICHINA	One or two sponsored special issues	One or two sponsored special issues		
	4.3 To maintain good working relations with a professional publisher. At present John Wiley & Sons		Two working meetings	Two working meetings. Renewal of the Publishing Agreement, with John Wiley & Sons	Two working meetings	Two working meetings by Microsoft Teams	Two working meetings by Microsoft Teams	Two working meetings		
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>										
<b>Strategy C5: Dissemination of Data, Information, Tools, Knowledge and Know How</b>	5.3 Increase the outreach of IRD Journal									
	5.4 Increase number of unique visitors to IRD's pages at Wiley	On-line	62,231	58,769	58,918	46,000	48,000	50,000		
	5.5 Increase number of downloads of IRD papers		55,715	52,219	68,000	72,380	30,000	32,000		
	5.6 Increase number of institutions with access to IRD via a Wiley License		5,533	6,373	7,073	7,257	4,700	4,800		
	5.7 Increase number of low-cost or free access to current content to developing world institutions		7,669	7,911	6,193	6,696	5,000	5,100		
	5.15 Improvement in the citation index (CI) and in the altimetric scorer (AC)		CI:0.707 AC:3%	CI:1.027 AC 49.7%	CI:1.202 AC:23.8%	CI:1.328 AC:8%	CI:0.9 AC:9%	CI:1.0 AC:10%		
<b>Goal E: Encourage research and support development of tools</b>										
<b>Strategy E6: Dissemination of Useful Research Outputs</b>	6.3 To publish high quality papers in the journal Irrigation and Drainage (IRD) on new developments in irrigation, drainage and flood management	Publication of IRD Journals	Publication of IRD Journals	Publication of IRD Journals	Publication of IRD Journals	SIACTIONPLAN	Publication of IRD Journals	Publication of IRD Journals		

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)





**AGENDA FOR THE 6<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE AND  
FLOOD CONTROL (WG-HIST)**

06 November 2023, 14:00-15:30 hours (Session I) and 16:00-17:30 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Knowledge**

**Presented by the Chairman**

**Year of Establishment: 2017**

**Completion of the Mandate: 2023**

**Mandate:** (a) To motivate ICID National Committees in various countries to set up their National Working Groups on History; (b) To provide guidance to compile, publish, update and/or translate documents on history of irrigation, drainage, and flood management; (c) To promote inter-disciplinary exchange of information, knowledge and experience, as well as networking on the topic (agricultural, political, socio-economic, climatologically and geographical, aspects) for proper understanding of the technological developments on the subject; (d) To organize seminars at ICID Congresses to enhance awareness of Water history; (e) To prepare a paper on “Historical Water Sustainability” for publication in *Irrigation and Drainage (IRD) Journal*; (f) To finalize a book on “Historical Water Sustainability”; and (g) To encourage member countries to produce documentaries on Water History.

**Website:** [http://icid-ciid.org/inner\\_page/125](http://icid-ciid.org/inner_page/125)

**WG-HIST Agenda Item 1: Action taken report by the Chair<sup>1</sup>**

1. The Chair will present the report on the action taken on the decisions and proposals of the working group at its last meeting held in October 2022.
2. In January 2023, the Chinese Taipei Committee (CTCID) nominated Dr. Cheh-Shyh Ting for membership of the group. Similarly, in December 2022, the Turkish National Committee on Irrigation and Drainage (TUCID) nominated Mr. Hasan Basri Yüksel, Eng. Oğuz Şirin, and Dr. Ahmet Emirhan Yolcu for membership of the working group.
3. Eng. Ahmed Awad Hag Abd-Elnabi (Egypt), VPH Prof. Dr. Dia El Din Ahmed El Quosy (Egypt), Mr. Krishna Prasad Nepal (Nepal), VPH Dr. Gerhard Backeberg (South Africa), Dr. Ahmed Adam Ibrahim (Sudan), and Mr. Charles L. Abernethy (UK) have not contributed to the activities of the working group during the last two years. Chair in consultation with the ICID Central Office has updated the membership of the WG as given in **Annex 1** (refer to the *electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt suitably after the meeting.

**WG-HIST Agenda Item 2: Road Map to ICID Vision 2030 - Activities on the history of irrigation, drainage and flood control**

4. During the Adelaide meeting, the group discussed the Road Map to ICID Vision 2030 and agreed that no significant changes in the Road Map were necessary (refer to **Annex 2**). It was decided that the completion of the 2022 milestones requires more work to be done, especially publishing the ‘*Historical Water Sustainability*’ book’. Chair will provide further updates at the meeting.

**WG-HIST Agenda Item 3: Publication on “Historical Water Sustainability”**

5. The publication “Historical Water Sustainability” - edited by Dr. Emami and Dr. Vijay Labhsetwar, on behalf of the ICID Central Office contains 17 Chapters. The publication provides glimpses of lessons learned and the way forward for “Historical Water Sustainability” in the 21<sup>st</sup> Century. The publication “Historical water sustainability”, as an output of the ‘Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)’, aims to promote the practices and concepts of historical water sustainability. The Chairman Dr. Kamran Emami (Iran), was pivotal in pushing the concept of “Historical water sustainability” in ICID. Chair organized numerous seminars and workshops during ICID annual events and eventually provided leadership in bringing out this publication.
6. All the chapters of the publication have been taken for Desk Top Publishing (DTP) and the publication will be released during the 25<sup>th</sup> ICID Congress and 74<sup>th</sup> IEC meeting in November 2023 in Vizag, India. Chair will provide further updates at the meeting.

<sup>1</sup> This will also include details of membership of WG as **Annex**

**WG-HIST Agenda Item 4: Exchange of information, knowledge, and networking – Website**

**WG-HIST Agenda Item 4.1. Dissemination of information – Website**

7. During the Adelaide meeting, Chair informed about the launch of the new website of the WG - [https://icid-ciid.org/inner\\_page/125](https://icid-ciid.org/inner_page/125). Chair encouraged all members to email the presentations and documentaries on water history for uploading on the website of WG-HIST. Chair will provide further updates at the meeting. In January 2023, ICID Central Office requested all members of the group to share articles, papers, reports, presentations, etc. related to the mandate of the group for uploading on the website. Chair will provide further updates at the meeting.

**WG-HIST Agenda Item 4.2. Webinar / Web-based seminar**

8. At the Adelaide meeting, Chair encouraged members to prepare and deliver presentations at the next online meeting. Chair will provide further updates at the meeting.

**WG-HIST Agenda Item 5: Review of World Historical Irrigation Structures (WHIS) and WSH Program**

9. In the year 2023, 19 nominations have been received from the National Committees viz. China (4), India (4), Indonesia (3), Iraq (1), Japan (4), Thailand (2), and Turkey (1) for the World Historical Irrigation Structures (WHIS). All the nominations have been sent to the Panel of Judges for evaluation. Members may take the initiative by encouraging nominations for WHIS as it is providing an opportunity to publicize ICID's name and encourage the general public to participate in managing such systems. A dedicated website has been introduced by ICID Central Office wherein all the approved structures of WHIS are accessible at – <https://icid-ciid.org/award/his/44>. Chair will provide further updates at the meeting.

**WG-HIST Agenda Item 6: ICID Members' Profile Section**

10. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**WG-HIST Agenda Item 7: World Irrigation and Drainage Schemes (WI&DS)**

11. ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on “World Irrigation and Drainage Schemes (WI&DS)”. WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.

**WG-HIST Agenda Item 8: Any other business**

12. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. With consultation of PCTA, PCSO, Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-HIST has been included in theme 4 (Sustainable Development and Management). WG Chair will provide further updates during the meeting. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.

**A. Members and their attendance at 2021 and 2022 meetings**

No.	Members	Member from (Year)	2021		2022		Remarks
			Self	Contributed	Self	Contributed	
1.	Dr. Kamran Emami, Chairman (Iran)	2017	•	•		•	
2.	Eng. Ahmed Awad Hag Abd-Elnabi (Egypt)	2017					No contribution, recommended for discontinuation after the India meeting if no contribution
3.	VPH Dr. Laszlo Hayde (Hungary)	2017	•	•	•	•	
4.	VPH Dr. A. Hafied A. Gany (Indonesia)	2017		•			
5.	Engr. Sirika Ahmad Abubakar (Nigeria)	2017			•		
6.	VPH Dr. Gerhard Backeberg (South Africa)	2017					No contribution, recommended for discontinuation after the India meeting if no contribution
7.	VPH Chaiwat Prechawit (Thailand)	2017	•		•		
8.	Mr. Charles L. Abernethy (UK)	2017					No contribution, recommended for discontinuation after the India meeting if no contribution
9.	Dr. Ahmed Adam Ibrahim (Sudan)	2018					No contribution, recommended for discontinuation after the India meeting if no contribution
10.	VPH Prof. Dr. Dia El Din Ahmed El Quosy (Egypt)	2018					No contribution, recommended for discontinuation after the India meeting if no contribution
11.	Dr. Sinite Yu (Chinese Taipei Committee)	2018	•		•		
12.	Dr Ju-Chang Kim (South Korea)	2019	•	•	•		
13.	Dr. Masaomi Kimura (Japan)	2020	•	•	•		
14.	Dr. Yutaka Matsuno (Japan)	2020	•				
15.	Dr. Shivaji Sangle, Director Member – MWRRA (India)	2020	•				
16.	Mr. Wang Li (China)	2020	•				
17.	Mr. Krishna Prasad Nepal (Nepal)	2021					No contribution, recommended for discontinuation after the India meeting if no contribution
18.	Dr. Chen Jing (China)	2021	•				
19.	Dr. Dai Xiaoping – Young Professional (China)	2021	•				
20.	Mr. Gao Lihui – Young Professional (China)	2021	•		•		
21.	Dr. Qazi Tallat Mehmood Siddiqui (Pakistan)	2022				•	
22.	Secretary General, ICID		# <sup>2</sup>				
	<b>Observers</b>						
(i)	Dr. Yao Jianfeng (China)						
(ii)	Dr. Ing. Klaus Rottcher (Germany)			•			
(iii)	Dr. (Mrs.) B. Dolfing (The Netherlands)						
	<b>Permanent Observer</b>						
(i)	Dr. Ir. M. Ertsen (IWHA)						

<sup>2</sup> Through representation

**B. New nominations received from the National Committee/ Committee**

No.	Name	Country	Remarks
1	Dr. Cheh-Shyh Ting	Chinese Taipei Committee	Recommended as a member, subject to his presence else a provisional member
2	Mr. Hasan Basri Yüksel	Turkey	Recommended as a member, subject to his presence else a provisional member
3	Mr. Oğuz Şirin	Turkey	Recommended as a member, subject to his presence else a provisional member
4	Mr. Ahmet Emirhan Yolcu	Turkey	Recommended as a member, subject to his presence else a provisional member





**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES**

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Responsibility
<b>GOAL C: FACILITATE EXCHANGE OF INFORMATION, KNOWLEDGE AND TECHNOLOGY</b>										
<b>C1. Strategy:</b> Providing Knowledge-sharing Platform for AWM Professionals	1.2 International conference/ workshop/ seminar on History	Workshop Proceedings	Workshop/ seminar on Historical Water Sustainability		Workshop/ seminar (Bali)			Workshop/ seminar	Workshop/ seminar	
<b>C3. Strategy:</b> Promoting Regional Cooperation	3.10 International conference/ workshop/ seminar	Workshop Proceedings								
<b>C4. Strategy:</b> Compile, Collate and Share Knowledge and Experiences	4.5 Publication on Historical Water Sustainability	Publication		Compile lessons learned from WHIS/ WSH				Finalize the publication on Historical Water Sustainability		
	4.6 World Historical Irrigation Structures (WHIS)	Register of WHIS	Nomination/ evaluation / update register	Nomination/ evaluation /update register	Nomination/ evaluation / update register: Exhibition at WIF3	Nomination/ evaluation /update register	Nomination/ evaluation /update register	Nomination/ evaluation /update register	Nomination/ evaluation /update register	
	4.7 World Water System Heritage (WSH) Program	Register of WSH	Nomination/ evaluation / update register	Nomination/ evaluation / update register	Nomination/ evaluation / update register, Exhibition at WIF3	Nomination/ evaluation / update register	Nomination/ evaluation / update register	Nomination/ evaluation / update register	Nomination/ evaluation / update register	
<b>C5. Strategy:</b> Dissemination of Data, Information, Tools, Knowledge and Know How	5.10 Documentaries on Water history	Encouraging the member countries to produce documentaries on water history by presenting the prize on the best documentaries	Encouraging the member countries to produce documentaries on water history by presenting the prize on the best documentaries	Encouraging the member countries to produce documentaries on water history by presenting the prize on the best documentaries	Encouraging the member countries to produce documentaries on water history by presenting the prize on the best documentaries	Encouraging the member countries to produce documentaries on water history by presenting the prize on the best documentaries	Encouraging the member countries to produce documentaries on water history by presenting the prize on the best documentaries	Encouraging the member countries to produce documentaries on water history by presenting the prize on the best documentaries	Encouraging the member countries to produce documentaries on water history by presenting the prize on the best documentaries	Encouraging the member countries to produce documentaries on water history by presenting the prize on the best documentaries
	5.11 Updating the WG-HIST website	Online	Uploading the relevant documents	Uploading the relevant documents	Uploading the relevant documents	Uploading the relevant documents	Uploading the relevant documents			
<b>GOAL E: ENCOURAGE RESEARCH AND SUPPORT DEVELOPMENT OF TOOLS TO EXTEND INNOVATION INTO FIELD PRACTICES</b>										
<b>E4. Strategy:</b> Research on History of Irrigation and Lessons Learned from the past			Preparing the conclusion chapter for the WG publication	Preparing the conclusion chapter for the WG publication	Preparing the conclusion chapter for the WG publication	Preparing the conclusion chapter for the WG publication	Finalizing the editing process			
<b>E6. Strategy:</b> Dissemination of Useful Research Outputs	6.1 Prepare a paper on combination of old methods and new technologies		Presenting the first paper in the WG workshop and other seminars	Presenting the second paper in the WG workshop and other seminars	Presenting a paper for the journal of Irrigation and drainage		Presenting a paper for the journal of Irrigation and drainage			

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)





**AGENDA FOR THE 1ST MEETING OF THE  
TASK FORCE TO GUIDE ICID INPUTS TO 10<sup>TH</sup> WORLD WATER FORUM (TF-WWF10)**

03 November 2023, 16:00-17:30 hours  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Knowledge**

**Presented by the Chair**

**Year of Establishment: 2023**

**Completion of the Mandate: 2024**

**Mandate:** (a) Monitoring and providing inputs to the 10<sup>th</sup> WWF by liaising with the National Committees and Work bodies; (b) Liaising with the 10<sup>th</sup> WWF Program Committee and other International Bodies, including ADB, FAO, IWMI, etc.; and (c) Promoting ICID's visibility in World Water Council.

**Webpage:** [http://icid-ciid.org/inner\\_page/126](http://icid-ciid.org/inner_page/126)

**TF-WWF10 Agenda Item 1: Brief of the virtual meeting organized in 2023**

1. The Chair and the Vice Chair may present the outcomes of the virtual meeting on forming the Task Force for the 10<sup>th</sup> World Water Forum which was held on 6 June 2023 with the presence of ICID President, concerned Vice Presidents, relevant Working Group Chairs, National Committees responsible as well as international organizations.

**TF-WWF10 Agenda Item 2: Establishment of TF-WWF10<sup>1</sup>**

2. The chair of the Task Force may submit a short report on the discussions made on forming the TF-WWF10 and the members who have declared their interest to take part in the TF by presenting useful material to be presented on behalf of ICID during the 10<sup>th</sup> Forum. During the virtual meeting, Vice President Alireza Salamat briefed the participants about the organization of two thematic sessions viz. "Smart Water Resources Management" and "Switching from Rural Development to Rural Transformation" during the 9<sup>th</sup> World Water Forum in March 2022 in Senegal.

3. ICID Central Office vide notification no.8 of 2023 dated 9 June 2023 has informed all the members about the establishment of Task Force to Guide ICID Inputs to the 10<sup>th</sup> World Water Forum (TF-WWF10) with the following terms of reference:

- (a) Monitoring and providing inputs to the 10<sup>th</sup> WWF by liaising with the National Committees and Work bodies;
- (b) Liaising with the 10<sup>th</sup> WWF Program Committee and other International Bodies, including ADB, FAO, IWMI, etc.; and
- (c) Promoting ICID's visibility in World Water Council.

4. The membership of the task force is given as **Annex 1** (refer to the electronic version for the latest list). New nominations, if any, for the membership received, will be dealt suitably after the meeting.

**TF-WWF10 Agenda Item 3: Action taken report by the Chair**

5. The Chair may proceed presenting a short report on the measures taken so far and the responsibilities of each of the members of the Task Force including the relevant international organizations.

6. In June 2023, ICID Central Office submitted the list of priority-wise Topic Coordinator Groups (TCGs) to the Secretariat for participation in the 10th World Water Forum Thematic Process in May 2024 in Bali, Indonesia. Also, submitted the list of topics under each sub-theme selected by ICID to the WWC Thematic Team (refer to **Annex 2**). In July 2023, Vice Chair Alireza Salamat requested all members of the task force to prepare and present their valuable inputs on the sub-themes selected by ICID for contribution to the 10th World Water Forum. Chair/ Vice Chair will provide further updates at the meeting.

<sup>1</sup> This will also include details of membership of WG as **Annex**

**TF-WWF10 Agenda Item 4: Liaison with the National Committee, Work bodies, and International Organizations**

7. The Vice Chair may brief the participants of the meeting on the coordination made with ICID National Committees, Working Groups as well as the international Organizations and the achievements made in this concern so far.

8. The 10<sup>th</sup> World Water Forum on the theme “Water for Shared Prosperity” will be held from 18-24 May 2024 in Bali, Indonesia. Task Force members may like to discuss and select the key National Committees, International Organizations, and ICID work bodies in the area of the theme of the 10<sup>th</sup> World Water Forum to secure ICID’s contributions to the Forum. TF may also like to discuss how to liaise with them at the meeting.

**TF-WWF10 Agenda Item 5: Identify areas for ICID contributions to the Forum**

9. The members of the Task Force may report on their tasks and activities on promoting ICID during the 10<sup>th</sup> WWF by presenting a short report on the paper /report they are preparing. Chair may like to discuss with the members on the selected topics under each sub-theme for contribution to the 10<sup>th</sup> World Water Forum (refer to **Annex 2**).

**TF-WWF10 Agenda Item 6: Any other business**

10. The members may intervene in each part as well as propose a new activity which they may deem appropriate to be taken prior to holding ICID’s meeting during the 10<sup>th</sup> WWF.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the TF report to PCTA meeting on 07 November 2023.

**MEMBERSHIP OF THE TASK FORCE**

<b>Sr. No.</b>	<b>Members</b>	<b>Country/ International Organizations</b>
1.	PH Dr. Saeed Nairizi, Chair	Iran
2.	VP Ali Reza Salamat, Vice Chair	Iran
3.	Dr. Wenyong Wu	China
4.	Dr. Ray Shyan Wu	Chinese Taipei Committee
5.	Dr. Ruey Chy Kao	Chinese Taipei Committee
6.	Dr. Eman Ragab Mohamed Nofal	Egypt
7.	VPH Dr. Mohamed Wahba	Egypt
8.	VPH Dr. Hafied A. Gany	Indonesia
9.	VPH Mochammad Amron	Indonesia
10.	Dr. Narges Zohrabi	Iran
11.	Dr. Hossein Dehghanisani	Iran
12.	VP Dr. Tsugihiko Watanabe	Japan
13.	Dr. Katsuyuki Shimizu	Japan
14.	VP Dr. Sylvester Mpandeli	South Africa
15.	President Dr. Ragab Ragab	United Kingdom
16.	VPH Ian Makin	United Kingdom
17.	VPH Dr. Franklin Dimick	USA
18.	Mr. Lance Gore	ADB
19.	Dr. Maher Salman	FAO
20.	Dr. Alok Sikka	IWMI
21.	Er. Ashwin B. Pandya, Secretary General, ICID – Member Secretary	



**10<sup>TH</sup> WORLD WATER FORUM THEMATIC PROCESS – SELECTED SUB-THEMES AND TOPICS**

<b>Focal person</b>	<b>President Prof. Dr. Ragab Ragab</b>
<b>Sub-theme 1</b>	<b>Water Security and Prosperity</b>
<b>Topics</b>	<ul style="list-style-type: none"> <li>i. <b>Sound water supply and demand management</b> (incl. prioritizing water savings and efficiency measures, water services delivery and pricing, cost recovery, development and improvement of water balance system from local to national level, surface reservoir, sustainable ground water resources, etc.) in the context of domestic water usage and human settlements, balancing urban, rural and industrial development with available surface and ground water resources.</li> <li>iii. <b>Water for food/agriculture</b> (virtual/embedded water, irrigation modernization and efficiency, drought resilient crops, regenerative agriculture, commodity pricing, agricultural subsidies, food estate, etc.)</li> <li>v. <b>Water insecurity and development</b> (climate change and water-related impacts, e.g., economic and social vulnerability, competition over water resources, food insecurity, migrations (urban), political instability etc.)</li> </ul>
<b>Focal person</b>	<b>President Honorary Dr. Saeed Nairizi</b>
<b>Sub-theme 3</b>	<b>Disaster Risk Reduction and Management</b>
<b>Topics</b>	<ul style="list-style-type: none"> <li>i. <b>Integrated flood prevention and management</b> policies and programs (mitigation of extreme weather events, flood control projects, floodwater management, coastal zone protection, dam sedimentation, early warning systems, etc.)</li> <li>ii. <b>Drought prevention and management</b> policies and programs (adaptation plans, drought-resilient crop selection, restoration for peatland and mangrove, etc.)</li> <li>v. <b>Early warning systems for all and Emergency response mechanisms, including preparedness plan and disaster scenario analysis</b>, to cope with water-related disasters, reduce people's and infrastructure vulnerability and better prevent humanitarian/refugee crises and migration.</li> </ul>
<b>Focal person</b>	<b>Secretary General Ashwin B Pandya</b>
<b>Sub-theme 4</b>	<b>Governance, Cooperation and Hydro-diplomacy</b>
<b>Topics</b>	<ul style="list-style-type: none"> <li>i. <b>Enhance international collaboration at all levels</b> (incl. multilateral, bilateral, North-South, South-South, North-North), <b>transboundary and cross-border cooperation</b> as appropriate on rivers, lakes, wetlands, small islands, and groundwater aquifers, etc.</li> <li>iii. <b>Strengthen cross-sectoral dialogue and cooperation</b> (e. g. between water, energy, food, industrial and environmental sectors)</li> <li>v. <b>Develop and enforce transparent and accountable institutions and legal frameworks</b>, and <b>promote integrity and strengthen equity</b> at all levels and amongst all players, incl. gender equality, youth involvement, and respect of minorities' and local communities' rights.</li> </ul>



**AGENDA FOR THE 6<sup>TH</sup> INFORMAL MEETING OF THE  
WORKING GROUP ON VALUE ENGINEERING (WG-VE)**

05 November 2023, 14:00-15:30 hours (Session-I)  
05 November 2023, 16:00-17:30 hours (Session-II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Knowledge**

**Presented by the Chairman**

**Year of Establishment: 2017**

**Completion of the Mandate: 2023**

**WG-VE Agenda Item 1. Action Taken Report by Chair<sup>1</sup>**

1. Dr. Kamran Emami (Iran), Chairman of the Working Group on Value Engineering (WG-VE) will present the report on the actions taken on the decisions and proposals of the group at its last meeting held on 07 October 2022 2021 at Adelaide, Australia.
2. The Turkish National Committee on Irrigation and Drainage (TUCID) and Chinese Taipei Committee (CTCID) have nominated Ir. Caner Kutlu & Ir. Faruk Gurbuz (Turkey) & Dr. Ming-Che Hu (Chinese Taipei Committee) for the membership of WG.
3. Chair in consultation with Vice Chair, Secretary of the WG and the Central Office has updated the membership of the WG as given at **Annex 1** (*refer electronic version for latest list*). New nominations, if any, for the membership received will be dealt suitably after the meeting.

**WG-VE Agenda Item 1.1 Brief of the 1<sup>st</sup> Virtual Meeting organized in May 2023**

4. The WG-VE organized its first virtual meeting on 09 May 2023. VPH Dr. Kamran Emami, Chairman of the WG chaired the meeting which was attended by VP Ir. Nor Hisham M. Ghazali (Malaysia), Secretary; Dr. Toshihiko Kuno (Japan); Dr. Yawen, Chuieh; Dr. Jih Shun Liu & Dr. Ming Chu Hu from Chinese Taipei Committee. Chair discussed various activities of the group like review of membership, Road Map to ICID Vision 2030, scoping document for a new working group on Value Engineering, closure report of the erstwhile TF-VE, webinar/web-based seminar etc. The minutes of the virtual meeting of WG-VE ([https://icid-ciid.org/icid\\_data\\_web/min\\_wg-ve\\_webmeeting09052023.pdf](https://icid-ciid.org/icid_data_web/min_wg-ve_webmeeting09052023.pdf)) have been circulated to the members of the group for information. The minutes of the virtual meeting of all technical working groups have been uploaded on a dedicated webpage (ICID Workbody Virtual Meeting at [http://icid-ciid.org/inner\\_page/152](http://icid-ciid.org/inner_page/152) . Chair will provide further updates at the meeting.

**WG-VE Agenda Item 2. Introduction of the Scoping Document for a new Working Group on Value Engineering**

5. During the Adelaide meeting, the WG noted that the erstwhile Task Force on Value Engineering (TF-VE) had completed its tenure in 2017. The draft Scoping Document with the revised mandate for a new Working Group on Value Engineering (WG-VE) was presented in 2017 at Mexico. Further, the revised mandate of the WG-VE was also reviewed and updated during the Saskatoon (2018), Canada meeting.
6. During the virtual meeting of the WG-VE held in May 2023, Chair VPH Dr. Emami briefed members about the scoping document and revised mandate of the group, which is as given below:

Revised Mandate of the WG-VE:

- (a) To motivate ICID National Committees in various countries to set up their National Working Groups.
- (b) To provide guidance to compile, publish, update and/or translate documents on Value engineering projects (irrigation, drainage, flood management, and river engineering);
- (c) To promote inter-disciplinary exchange of information, knowledge and experience, as well as networking on the topic;
- (d) To organize seminars at ICID Congresses and meeting to enhance awareness of importance of Value Engineering;
- (e) To prepare a paper on “Application of Value Engineering in Irrigation and Flood Projects” for publication in Irrigation and Drainage (IRD);
- (f) To finalize a book on Application of Value Engineering in Irrigation and Flood Projects”.
- (g) To encourage member countries to produce papers on Value Engineering case studies

<sup>1</sup> This will also include details of membership of WG as Annex

- (h) To promote the planning and execution of the virtual training of the WG for selected engineers from different countries on 'Value Engineering application for saving in irrigation, drainage and flood projects'.

7. The Chair explained that the revised mandate has considered for finalization and will be reported together with the Scoping Document and the Closure Report of the erstwhile TF-VE.

8. ICID Central Office requested WG Chair Dr. Emami to share the *revised* Scoping Document of the Working Group on Value Engineering so that it can be circulated to the NCs/Members of the group for inviting the nominations for a new WG along with their comments/suggestions, if any. The draft scoping document of the WG-VE will be finalized during the meeting and will be put up to PCTA/IEC for its approval. Chair will provide further updates during the meeting.

**WG-VE Agenda Item 3: Road Map to ICID Vision 2030 – Activities on Value Engineering**

9. During the virtual meeting, the WG reported that activities of the group will be planned in line with the mandate. ICID Central Office suggested to the WG Chair that a road map complete with milestones may be prepared and circulated to members of the WG and it may be discussed during the next WG meeting to be held in November 2023 at Vizag., Andhra Pradesh, India. The present activity of the group will be completed in 2023. Chair informed that VP Ir Nor Hisham, Secretary of the WG will prepare a draft Road Map to ICID Vision 2023 of the group for consideration during the WG meeting. Chair Dr. Emami / Secretary VP Ir. Nor Hisham will provide further updates during the meeting.

**WG-VE Agenda Item 4: Closure Report of the erstwhile TF-VE**

10. During the virtual meeting of the WG, Chair informed that the closure report of the erstwhile TF-VE would be submitted to ICID Central Office. ICID Central Office has requested Chair Dr. Emami to share the closure report of the erstwhile TF-VE so that it can be circulated to the members for their comments / suggestions, if any. After finalization, the closure report of the erstwhile TF-VE will be uploaded on the website for records. WG Chair will provide further updates in the WG meeting.

**WG-VE Agenda Item 5: Dissemination of information – Website**

11. ICID established webpage of the WG-VE which is accessible through [https://icid-ciid.org/inner\\_page/127](https://icid-ciid.org/inner_page/127) and updated its membership list, agenda, minutes, paper presentations, publications etc on the web page of the WG. Members are requested to provide information, papers, presentations made on topics related to scope of work of the WG to ICID Central Office for uploading on the website of the group.

12. During the virtual meeting, Chair requested the members of the group to share their presentations on VE experiences and training documentaries on VE for uploading on the WG website. Further, Chair also encouraged the members to prepare papers to be published in IRD Journal or special publication.

13. Members may like to discuss and evolve methodology for sharing of information and updation of WG website. In order to ensure regular contribution of the members, WG is encouraged to make full use of virtual meetings in between face-to-face meeting during IEC.

**WG-VE Agenda Item 6: Webinar /Web-based seminar**

14. During the Adelaide meeting, it was noted the WG would organize four webinars to keep the activities of the group. In January 2023, ICID Central Office has requested members to provide their suggestions on the topics, based on the mandate of the WG, on which webinar can be considered along with name of the relevant experts who could be contacted to develop webinars. During the virtual meeting, the WG members agreed that WG webinar will be held prior to the next IEC meeting to maintain interest and continue the learning activities of the group. Chair encouraged the members to prepare and deliver preparations at the next online meeting of the WG. This year, the technical working groups of ICID have organized several webinars based on the mandate of the group, recording of these webinars is available at [https://icid-ciid.org/inner\\_page/66](https://icid-ciid.org/inner_page/66). The group will further discuss the progress of organizing the webinars at the meeting and suggest suitable topics along with names of expert for organizing webinars.

**WG-VE Agenda Item 7: Any other business**

15. **ICID Members' Profile Section:** It was noted that ICID launched a website (<https://icid-ciid.org>) for the members of the WG and provided the information related to ICID Members' Profile Section for accessing to their profile section using their dedicated account. In this regard, ICID Central Office vide e-mail dated 09 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their account and change their password to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information. Accordingly, ICID Central Office has requested all



members of the WG to access their profile and update the same. Chair will further requests to all members about the importance of assessing Members' profile for reviewing and continuous updating of their respective information.

**16. Register on World Irrigation and Drainage Schemes (WI&DS):** At the Adelaide meeting, members of the group encouraged to share appropriate data in the context of 'Register on World Irrigation and Drainage Schemes (WI&DS)'. In this regard, ICID was taken an initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in our member countries for contributing to the register. Chair will also inform the members that as per ICID Central Office, this facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal <https://wip.icidevents.org/> in detail.

**17. Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. With consultation of PCTA, PCSO, Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the **WG-VE** has been included under theme 4 (Sustainable Development and Management) and its mandate is proposed to be integrated with Working Group on Institutional Aspects of Irrigation/Drainage System Management (WG-IOA). If the proposed restructuring of the WGs are approved by IEC, then, the name of WG-VE will change to a new name to reflect the newly added Working Group. The mandate of the new WG will be modified to reflect the newly added on topic of the amalgamated working group. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**. WG Chair will provide further updates during the meeting.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag., Andhra Pradesh, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 7 November 2023.



**A. Members and their attendance at 2021, 2022 & 2023 meetings**

Sl. No.	Members	Member From (Year)	2021		2022		2023		Remarks
			Self	Contributed	Self	Contributed	Self	Contributed	
1.	Dr. Kamran Emami, Chairman (2013) (Iran)	2012	•				•		
2.	Mrs. Remziye Yildiz Gulagaci, Vice-Chairman (2013) (Turkey)	2013		•		•			Contributed by e-mails in 2021 & 2022
3.	Ir. Nor Hisham M. Ghazali, Secretary (2013) (Malaysia)	2013	•		•		•		
4.	Mr. Francois Brelle (France)	2013	•			•			Contributed by e-mail in 2022
5.	Mr. Suman Sijapati (Nepal)	2014	•			•			Contributed by e-mail in 2022
6.	Dr. Toshihiko Kuno (Japan)	2014	•		•		•		
7.	Dr. Yawen, Chueh (Chinese Taipei Committee)	2018	•		•		•		
8.	Mr. Delbert Smith (USA)	2019	#			#			
9.	Mr. Saeed Pourshahidi (Iran) as Young Professional	2021	#			•			Contributed by e-mail in 2022
10.	Mr. Gao Lihui (China)	2021		•	•		•		Contributed by e-mail in 2021
11.	Ir. Wang Yijia (China)	2022							
12.	Ir. Zhang Zhaoyang (China)	2022							
13.	Secretary General		#		#		#		

**B. New nominations received from the National Committees**

Sr. No.	Name	Country	Remarks
1	Ir. Caner Kutlu	Turkey	Recommended as member, subject to his/her presence else provisional member
2	Ir. Faruk Gurbuz	Turkey	Recommended as member, subject to his/her presence else provisional member
3	Dr. Ming-Che Hu	Chinese Taipei Committee	Recommended as member, subject to his/her presence else provisional member



# Through representation



**AGENDA FOR THE 7<sup>th</sup> MEETING OF THE  
TASK FORCE FOR UPDATING AND MAINTENANCE OF  
MULTILINGUAL TECHNICAL DICTIONARY (TF-MTD)**

03 November 2023: 09:30-11:00 hours  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Knowledge**

**Presented by the Chair**

**Year of Establishment: 2016**

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**Mandate:** (a) To identify priority chapters and terms frequently referred/ consulted by AWM professionals; (b) To consult/invite professional organizations to collaborate in enriching chapters/terms; (c) To identify experts/work bodies to review terms/chapters; (d) To encourage NCs in preparation and building of additional translations along with English/French; (e) To identify interesting pictures/diagrams suitable to illustrate various terms, where required, and (f) To make it accessible on web/ mobile.

**Website:** [http://icid-ciid.org/inner\\_page/128](http://icid-ciid.org/inner_page/128)

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**TF-MTD Agenda Item 1: Summary Update**

1. During the Adelaide meeting, very few members including the Chair of the TF Dr. Watanabe could attend the task force meeting. They discussed mainly the current situation of MTD and the necessary work to be done. They focused on discussing important items such as (a) how to deal with duplication of terms, (b) how to maintain the MTD on the web, (c) how to link it with other similar information, and d) how to make effective use of it. The following items were discussed at the meeting:

- (a) TF recognized the necessity of updating the current English edition by checking the chapters and terms to see if any chapter/ terms need to be modified, new terms to be added, any term to be deleted as well as the inclusion of any photos, diagrams, link, etc. A priority list of MTD topics has been prepared.
- (b) TF reminded that 855 terms/ words in total have been selected to be modified, including 120 words from WG-CLIMATE, 477 words from WG-M&R, 100 words from WG-IDM, and 165 words from WG-SON-FARM.
- (c) It was also shared that based on keyword analysis of ICID reports and publications of the last decade, about 223 keywords using their relative frequency of occurrence had been selected and provided by ICID Central Office and this list has been expanded since then.

2. The membership of the task force is given as **Annex 1** (refer to the electronic version for the latest list). New nominations, if any, for the membership received, will be dealt suitably after the meeting.

**TF-MTD Agenda Item 2: Further Progress of MTD**

3. A priority list of MTD topics has been prepared as attached (**Annex 2**). During the Adelaide meeting, the Chair requested members to continue to update the terms related to their chapters of the MTD and provide the same to the Chair of TF as well as to the ICID Central Office. TF Chair/ member of the TF representing WGs will provide further updates on the updation of terms of MTD terms.

**TF-MTD Agenda Item 3: Translation of MTD in various local languages**

4. During the Adelaide meeting, it was suggested that once the English updating is completed, translation of the updated MTD terms in different languages may be considered by respective NCs facilitated by the Central Office, and that individual Working Groups can also request relevant NCs to translate their new update of English version into different languages.

**TF-MTD Agenda Item 4: Dissemination and Maintenance of MTD**

5. At the Adelaide meeting, the TF noted that the MTD has been maintained in a database managed by the Central Office and is also available on the ICID website and individual requests from the users as and when

received are also processed regularly. Members may discuss and suggest ways and means of dissemination and maintenance of MTD.

**TF-MTD Agenda Item 5: Any other business**

**6. ICID Members' Profile Section:** As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 < <https://icid.bmeurl.co/C7D4D2E> > informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**7. Register on World Irrigation Projects (WIP):** ICID has taken the initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation Projects (WIP)". WIP will fulfill the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by the National Committee/ ICID Central Office for inclusion are entitled to Certification. Members are also requested to encourage all irrigation project owners, managers, and researchers across the world especially in our member countries to contribute to the register. This facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.

**A. Attendance of members at 2021 and 2022 meetings**

Sr. No.	Members	Member from	2021 (Hybrid meeting)		2022		Remarks
			Self	Contributed	Self	Contributed	
1	VP Dr. Tsugihiko Watanabe, Chair (Japan)	2022	•		•		
2	VPH Dr Ding Kunlun (China)	2017	•				
3	Ms. Mary Jean M. Gabriel, Chair, WG-IDM (South Africa)	2017					
4	Dr Yu-Chuang Chang from WG-IOA (Chinese Taipei Committee)	2017					
5	Dr. A.K. Randev, Chair, WG-SON-FARM (India)	2017	•				
6	VPH Dr. Willem Vlotman, Chair, WG-LDRG	2022					
7	VPH Ian Makin, Chair, WG-M&R (UK)	2017	•				
8	Dr. Masaomi Kimura (Japan)	2020	•		•		
9	Representative of FAO						
10	Representative of IWMI						
11	Representative of ADB						



**PRIORITY WISE LISTING OF MTD CHAPTERS**

<b>Category 1</b>	<b>Category 2</b>	<b>Category 3</b>
(5) Head works; <b>(WG-IDM)</b>	(2) Hydrology; <b>WMO, UNESCO, IAHS</b>	(1) General (statistics, units, etc.);
(6) Design of irrigation canals; <b>(WG-IDM)</b>	(3) River hydraulics;	(4) Reclamation;
(7) Canal structures; <b>(WG-IDM)</b>	(10) Pumping stations (lifting devices);	(14) Construction materials;
(8) Project water management; <b>(WG-IDM)</b>	(18) Soil and water conservation;	(15) Construction techniques and equipment;
(9) Wells and drilling;	(22) Systems analysis;	(19) Environmental impacts;
(11) Irrigation systems and distribution of irrigation waters; <b>(WG-IOA)</b>	(24) Project planning;	(21) Computer technology;
(12) On-farm water management; <b>(WG-SON-FARM)</b>		(23) Hydraulic research;
(13) Design and construction of drainage systems; <b>(WG-LDRG)</b>		(25) Climate change
(16) Automation in irrigation, drainage and flood control systems; <b>(WG-M&amp;R)</b>		
(17) Operation, maintenance and management; <b>(WG-M&amp;R and IDM)</b>		
(20) Flood control; <b>(WG-CAFM)</b>		





**AGENDA FOR THE 8<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON CAPACITY DEVELOPMENT,  
TRAINING AND EDUCATION (WG-CDTE)**

6 November 2023, 14:00-15:30 Hours (Session-I)  
6 November 2023, 16:00-17:30 Hours (Session-II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Knowledge**

**Presented by the Chairman**

**Year of Establishment: 2015**

**Extended completion of the Mandate: 2027**

**Mandate:** (i) Coordinate and guide the knowledge management activities of the Commission and the capacity development activities by various WGs : (a) *Compile the status of training and educational programmes offered in different regions; & (b) Compile the Educational Programs being offered in irrigation and drainage in different regions;* (ii) Identify the training and education requirements, and identify gaps in available training programs, explore the feasibility of developing e-learning program and prepare guidelines for their development to support education and training programmes; (iii) Explore the scope of use of IT in capacity development including distant learning, and implement where feasible; (iv) Make available various tools required for sustainable development; (v) Oversee the establishment and functioning of a Technical Support Unit for supporting NCs; and (vi) Facilitate the process of balancing education and training requirements, and provision of training services.

**Website:** [http://icid-ciid.org/inner\\_page/129](http://icid-ciid.org/inner_page/129)

**WG-CDTE Agenda Item 1: Action Taken Report by Chair**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held in 2022 at Adelaide, Australia.
2. The Chair informed the following during the first virtual meeting of the group on 02 August 2023 :
  - (a) Webinar on empowering the role of women in agricultural water management
  - (b) About 9200 members in AfYWP-Forum in LinkedIn
  - (c) About 1200 members in Int'l - YWP Forum
  - (d) About 45 Af-Countries in WhatsApp groups
  - (e) 3 Non-Af-Countries in WhatsApp groups
  - (f) Daily in touch with all groups - sharing ICID news updates, available reports, online activities, opportunities etc.
  - (g) Training of Virtual Irrigation Academy (VIA) organized in March 2023, South Africa
  - (h) Preparation of 6th Af-YWP-Forum

The Chair may provide further updates, if any, at the WG meeting.

**WG-CDTE Agenda Item 2: Review the membership of the WG**

3. In January 2023, ICID Central Office invited nominations from the National Committees (NCs) for the membership of the WG. In response, the following new nominations have been received for the membership of the working group:

- (i) Eng. Abdulsamed Bazer (Turkey)
- (ii) Eng. Gurhan Demir (Turkey)
- (iii) Eng. Sefa Eroglu (Turkey)
- (iv) Dr. Behzad Navidi Nassag (Iran)

4. During the virtual meeting of the WG, Eng. Sefa Eroglu (Turkey) & Dr. Behzad Navidi Nassag (Iran) were present and introduced themselves and hence, admitted to the WG. Their membership will be confirmed during this physical meeting at Vizag. However, Eng. Abdulsamed Bazer (Turkey) and Eng. Gurhan Demir (Turkey) were not available and hence admitted as 'Provisional Members'.

5. Chair in consultation with Vice Chair, Secretary of the WG and the Central Office have updated the membership of the WG as given at **Annex 1** (*refer electronic version for latest membership*). New nominations, if any, for the membership received will be processed suitably after the meeting.

**WG-CDTE Agenda Item 3: Brief of the Virtual Meeting organized on 02 August 2023**

6. A virtual meeting of the WG-CDTE was organised on 02 August 2023 wherein eleven members participated. During the meeting, Chair discussed various activities being undertaken by the group as part of Road Map to ICID Vision 2030, new membership, YP training & educational programmes; workshops, webinars and e-discussions etc. The minutes of the online meeting of the WG-CDTE have been shared with the members of the WG and uploaded on a dedicated webpage (ICID Workbodies Virtual Meeting) at [https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152).

The Chair may provide further updates, if any, at the meeting.

**WG-CDTE Agenda Item 3.1: Memorandum of Understanding (MoUs)**

7. At Adelaide (2022) meeting, the Chair informed that the WG is encouraging Memorandum of Understanding (MoU's) between universities, research institutes and WG for promoting the capacity development, training and educational programs. Further, WG Chair & Vice-Chair requested the members to provide information about existing training courses or educational program (physical or online training) in their countries. Following suit, in March 2023, ICID Central Office requested the members/NCs to share updated list of training institutes/organizations and educational programmes, offered in irrigation and drainage in their countries. During the virtual meeting of the group, Chair informed that he is currently pursuing the following MoUs :

- (i) MoU with Russian NC (done)
- (ii) MoU with Tunisia (under reviewing)
- (iii) MoU with Ahybeni – UAE (progress is too low)
- (iv) MoU with Malaysian NC and (not yet started )
- (v) MoU with Turkish University (not started)

The Chair may provide further updates, if any, at the meeting.

**WG-CDTE Agenda Item 4: Road Map to ICID Vision 2030 – Status of Activities**

8. The WG reviewed the Action Plan on the Road Map to ICID Vision 2030 based on the mandate by updating the activities on issues related with capacity development, training and education. Accordingly, the WG updated the activities identified as per the Road Map to ICID 2030 (**Annex 2**). The activities identified for the year 2023, as per Road Map were as follows:

- **Goal C:** Facilitate exchange of information, knowledge, and technology (C5. Strategy: Dissemination of Data, Information, Tools, Knowledge and Know How); E-discussion and Webinars at NC's levels, regional and global levels.
- **Goal E:** Encourage research and support development of tools to extend innovation into field practices (E1. Strategy: Support Improving Research Prioritization in the Countries); Analysis of the data collected – Research Need Assessment (RNA); Final Report of RNA; Technical support services for NC's and partners.
- **Goal F:** Facilitate capacity development (**F1**. Strategy: Enhancing Institutional Capacity Development of Member Countries); Preparing programs for study tours to pilot farms upon request from NC's and others; Emails to NC's for Nomination of experts; Data Collections; Data analysis; Finalization and release of TNA Report.
- **Goal F:** Facilitate capacity development (**F2**. Strategy: Support Capacity Development Activities of Member Countries) – **2.1** Facilitate donor NCs support joint research, invitations training, YP support program, or membership subscription in certain period (TSU); Finalization and dissemination of technical report; Sending emails and letters from CO to NC's; Dissemination of TSU reports (if any).
- **Goal F:** Facilitate capacity development (**F2**. Strategy: Support Capacity Development Activities of Member Countries ) – **2.2** Report on capacity development needs, available training courses, gaps, institutes which can provide training to fill gaps etc.; Finalization and dissemination of technical report.

- **Goal F:** Facilitate capacity development (**F3**. Strategy: Technical Training of Young Professionals from Member countries; YP training programme; E-learning modules: Identification of topics and resource person/institutes for development of E-learning modules; Training of professionals: Organization of regional training program (one) every year; Organization of African Young Professional forum every year; Online courses: Collection and analysis of information; Signing MoUs with relevant institutions for diploma or MSc degree; Upon request from NC's (Study tours - Diagnostic studies - Tailor made training).

The Chair may provide further updates, if any, at the meeting.

**WG-CDTE Agenda Item 5: Promoting capacity development, training and education**

**WG-CDTE Agenda Item 5.1: Training Programs for YPs in November 2023 during Vizag Meetings**

9. As a part of the Capacity Development Training Programme, ICID in association with the Central Water Commission (CWC) and India - European Union (EU) Water Partnership (IEWP) is organizing a one-day Young-Professional Training Program (YP-TP) on the topic "*Managing Water Resources Towards Achieving Water Security for Improved Livelihood and Sustainable Development*" during the 25<sup>th</sup> International Congress on 05 November 2023 at Vizag. During the 25<sup>th</sup> Congress, Young Professionals (YPs) will also actively participate and contribute to the 'IEWP-CWC Side Event' and participate in other congress sessions from 02-04 November 2023. Under the India-EU Water Partnership Action framework, YP-TP aims to bring together young professionals (YP) in the field of water, agriculture, and other allied subject, from EU Member States, Africa, and India towards joint learnings and exchanges. The focus will be on the maximizing international participation of female YPs.

10. In order to promote the interest of female YPs in ICID activities, up to 10 Female Young Professionals (5 female YPs from European Union Member States & 5 female YPs from the African countries) will be selected to attend ICID events. The YPs may be sponsored by the German Agency for International Cooperation (GmbH) i.e. the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), GmbH; and India-EU-Water Partnership (IEWP). The YPs, thus, selected will be assigned specific roles such as rapporteurs to the various Congress Sessions etc. ICID Central Office has since circulated the invitation letters to the National Committees of Africa, Europe & India inviting female nominations.

**WG-CDTE Agenda Item 5.2: 6th African Young Professional Forum and Cairo Water Week 2023, 29 October- 2 November 2023, Egypt**

11. Building on the success of five editions of African Young Water Professional Forum's, which were organized under the platform of CWW, it gives the pleasure and honor to International Commission on Irrigation and Drainage and the African Regional Working Group to continue the success and to organize the 6th AfYWP-Forum in collaboration with Cairo Water Week, October 29th-2nd November, 2023 virtually due to the limitation in financial support for this year.

12. The 6th Af-YWP Forum will be organized Virtually during 30 October – October 31, 2023 and in 2 days training workshops to cover some important topics related to the themes of CWW and to the training needs assessment of African young professionals under the theme "Actions on the climate change impacts and sustainability of irrigated agricultural".

13. Valuing the importance of partnerships fostered by the International Commission for Irrigation and Drainage (ICID), African Working Group (AFRWG) through the Af-YWPF with the Ministry of Water and Irrigation of Egypt, United Nations Economic and Social Commission for Western Asia (ESCWA), International Center for Agricultural Research in the Dry Areas (ICARDA), Global Water Partnership-Mediterranean (GWP-MED)/ GWP Africa Coordination Unit, International Water Management Institute (IWMI), ICID and its partners are working collaboratively to organize the 6th Af-YWPF (Hybrid-mod) at the CWW 2023. The proposed Two-day forum will include the opening and closing sessions, and about 6 hours training (6 sessions in two days).

14. At the training sessions, presenters, and facilitators will share their experiences in the area of innovation, inspire participants and instil the confidence for them to voice their thoughts and ideas on ways to overcome challenges of water scarcity, particularly in the agricultural sector with a focus on water management. This also gives the participants the opportunity to represent themselves and their organisations; contribute to discussions, network with peers and senior experts as well as create a niche for their professional development.

15. All great partners in the African Young Professional are most welcome to continue the success and the fruitful investment in Young professional, and to support the attendances of African YP's in the forum

and enrich them with their valuable experiences and advanced innovated technologies. The chair will provide further updates at the meeting.

The Chair will provide further updates, if any, at the meeting.

**WG-CDTE Agenda Item 5.3: Establish a Task Force on 'Women's Empowerment in Water Resources Management'**

16. Following the mandate of the WG, the group organized a Webinar on '*Empowerment and Capacity Development of Women in Water Resources Management*' in May 2023. During the Webinar, the Chair and Dr. Narges Zohrabi (Iran), member of the group, emphasized on creating a Task Force (TF) on '*Women's Empowerment in Water Resources Management*'. Accordingly, it is proposed to set up a TF under WG-CDTE. The WG will discuss the issue of setting up the suggested Task Force, its mandate and composition in this meeting at Vizag.

The Chair and/or Dr. Narges Zohrabi (Iran) may provide further updates, if any, at the meeting.

**WG-CDTE Agenda Item 5.4: Short term training courses in India**

17. Vice Chair Dr. Vijay K Labhsetwar informed the members about the short-term training courses conducted by several Water & Land Management Institutes (WALMIs) in India. Er. Ashok Kharya and Dr. Rajendra Poddar from India have already taken action to bring all these Institutes under one umbrella to guide the capacity development activities in the country.

18. 'All India WALMIs MEET 2022' was organized by the National Water Academy (NWA), Pune, India in February 2022. WALMI/IMTIs in the country have actively participated in the Meet and presented their position, working status, challenges and way forward. A report has been prepared by NWA and Eng. Ashok Kharya (India) may present the same to the group.

19. Further, Dr. Rajendra Poddar (India) organized one-day '*All India WALMIs Meet*' in January, 2023 followed by a 2-day International Conference on '*Water Management and Climate Change*' at WALMI, Dharwad, India. A 'Dharwad Declaration' on WALMIs MEET has been issued and a report also has been prepared and Dr. Rajendra Poddar may present the same to the group.

20. Vice-Chair Dr. Labhsetwar/ Er. Ashok Kharya/ Dr. Rajendra Poddar may provide further updates, if any, at the meeting.

**WG-CDTE Agenda Item 6: Dissemination of Knowledge – Website**

21. The working group Website ([http://icid-ciid.org/inner\\_page/129](http://icid-ciid.org/inner_page/129)) has been updated with the membership, agenda, minutes, paper presentations, publications etc. The members are encouraged to actively participate in the activities of the WG and facilitate exchange of information, knowledge and experiences. The networking among membership is important to keep themselves up-to-date with new developments in the various aspects of Irrigation and Drainage. Members are also requested to provide information, papers, presentations made on topics related to scope of work of the WG to the ICID Central Office for uploading on the website of the WG-CDTE.

22. Further, Mr. Jeff Camkin (Australia) informed that a Special Issue of Water Policy Journal will be available shortly based on papers received at Morocco Conference. Mr. Jeff Camkin may brief the members on the subject.

23. In order to ensure regular contributions from the members, the WG proposes to make full use of Zoom platform for virtual meetings in between face-to-face IEC meeting.

The Chair may provide further updates, if any, at the meeting.

**WG-CDTE Agenda Item 7: E-learning programmes as a capacity development tool**

24. ICID e-Learning platform is one of the initiatives to strengthen the capacity building activities. In order to achieve the objectives, ICID always encourages/ supports professionals from member NCs to join the e-learning programs organized by various partners and associates.

The Chair may seek information on e-learning programmes from member countries.

**WG-CDTE Agenda Item 8: Webinar/Web-based seminar**

25. As per the mandate of the WG, a Webinar on '*Empowerment and Capacity Development of Women in Water Resources Management*' was delivered on 03 May 2023, which was coordinated by Ms. Narges Zohrabi (Iran). ICID President Prof. Dr. Ragab Ragab (UK), Ms. Hon. Karlene Maywald (USA), Dr. Narges Zohrabi (Iran) & Dr. Anthi Brouma (GWP-Med) were the Speakers and Vice President Hon. Dr. Mohamed Wahba, Chairman of the WG-CDTE Moderated the Webinar. Please access [https://icid-ciid.org/inner\\_page/66](https://icid-ciid.org/inner_page/66) for more information of the webinar of the WG.

26. In addition, Chair has planned to organize a Webinar on '*Towards the utilization of Agricultural Drainage benefits for facing the future challenges and achieving sustainability*' on 29 September 2023. PH Prof. Dr. Chandra Madramootoo (Canada), VPH Dr. William Vlotman (Australia) and PH Prof. Dr. Bart Shultz (Netherlands) have consented to be the Speakers in the Webinar. VPH Dr. Mohamed Wahba, Chair of the WG, will be 'Moderator' of the Webinar.

27. Further, Dr. Rajendar Poddar (India) volunteered to organize a short course/webinar on topics such as '*Reclamation of salt affected soils*' or '*Improving drainage of irrigated lands*' in due course of time. Dr. Poddar may share the concept note including the duration, contents and a time line of the program.

The Chair may provide further updates, if any, at the meeting.

**WG-CDTE Agenda Item 9: Any other business**

**28. ICID Members' Profile Section:** As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebrations to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords; to maintain accuracy. Members are requested to review and update their information using their credentials and help us maintain accurate information. In January 2023, the ICID Central Office requested all members of the group to review and update their information using their credentials.

**29. Register on World Irrigation and Drainage Schemes (WI&DS):** The Chair will further brief about ICID's initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

**30. Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC, 2022) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. With consultation of PCTA, PCSO, Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-CDTE has been included in theme 4 (Sustainable Development and Management). A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vishakhapatnam, Andhra Pradesh, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 7 November 2023.



**A. Members and their attendance at 2021, 2022 & 2023 Meetings**

Sl. No.	Members	Member from (Year)	2021		2022		2023 (Interim online meeting)		Remarks
			Self	Contributed by mail	Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Dr. Mohamed Wahba (Egypt), Chairman	2020	•		•		•		
2.	Dr. Vijay K. Labhsetwar (India), Vice-Chair	2020	•		•		•		
3.	Dr. Rajendra S. Poddar (India), Secretary	2020	•				•		
4.	Eng. Abu Obieda Babiker Ahmed Hassan (Sudan)	2016		•		•			
5.	Er. Ashok Kumar Kharya (India)	2020	•			•	•		
6.	Dr. Shinji Fukuda (Japan)	2016	•			•			
7.	Dr. Wen-Pin Shu (Chinese Taipei Committee)	2016	•		#				
8.	Dato' Ir. Haji Hanapi Bin Mohamad Noor	2018		•	•				
9.	Mr. Gaforzoda Bahkrom (Tajikistan)	2018			•				
10.	Dr. Akie Mukai (Japan)	2019	•						
11.	Mr. Jeff Camkin (Australia)	2021	•				•		
12.	Prof. Jiesheng Huang (China)	2021	•						
13.	Ms. Li Ruoxi (China) as Young Professional	2021	•		•		•		
14.	Dr. Moshin Hafeez (IWMI, Pakistan)	2021			•				
15.	Mrs. Narges Zohari (Iraq)	2021			•		•		
16.	Engr. Ahmed Elsiddig A. Elshaikh, Direct Member (Sudan)	2021	•			•			
17.	Ms. Rasha Sarmed (Iraq)	2021	•			•			
18.	Mr. Hasan Basri Yuksel (Turkey)	2021	•			•			
19.	Eng. (Ms.) T. Janaki Meegastenna (Sri Lanka)			•		•		•	
20.	Ir. LIU Xueying (China)			•		•	•		

Sl. No.	Members	Member from (Year)	2021		2022		2023 (Interim online meeting)		Remarks
			Self	Contributed by mail	Self	Contributed by mail	Self	Contributed by mail	
21.	Dato' Ir. Dr. Hj. Ahmad Anuar Bin Othman (Malaysia)				•		•		
22.	Dr. Evan Christen (Australia)			•	•				
23.	Dr. Tony Chih-Sheng Chen (Chinese Taipei Committee)			•			•		
24..	Secretary General, ICID		•						

**B. New Nominations received from the National Committees**

Sl. No.	Name	Country	Remarks
1.	Engr. Abdulsamed Bazer	Turkey	Recommended as member, subject to her presence else provisional member
2	Engr. Gurhan DEMIR	Turkey	Recommended as member, subject to his presence else provisional member
3.	Engr. Sefa EROGLU	Turkey	Attended virtual meeting so recommended to be confirmed as member
4.	Engr Behzad Navidi-Nassag	Iran	Attended virtual meeting so recommended to be confirmed as member

**# Through representation**





**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WG-CDTE**

Goal	Activity	Outcomes/ Outputs	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>						
<b>C5. Strategy:</b> Dissemination of Data, Information, Tools, Knowledge and Know How	5.1 Guide and support organization of seminar/workshops etc. by WGs and NCs	Networking and exchange of knowledge (development of knowledge portal)	<ul style="list-style-type: none"> <li>Establishment of more WG-YP's WhatsApp Groups NC-wise for E-discussion and knowledge exchanges</li> <li>Encouraging of Establishment of Asian, European, and American Young Professional's Forum</li> <li>Email's to encourage all NC's and WG's to organize more webinar and training activities and keep us informed about any activities (jointly with CO)</li> <li>Meeting with WG's heads for discussions options for capacity development and road map in this direction</li> </ul>	<ul style="list-style-type: none"> <li>E-discussion and Webinars at NC's levels, regional and global levels</li> </ul>	<ul style="list-style-type: none"> <li>E-discussion and Webinars at NC's levels, regional and global levels</li> </ul>	<ul style="list-style-type: none"> <li>E-discussion and Webinars at NC's levels, regional and global levels</li> </ul>
	5.2 Awareness of role of ICT in capacity development	Webinars	<ul style="list-style-type: none"> <li>Organizing webinars/Discussion,</li> <li>collection and analysis of information</li> <li>dissemination of recommendations</li> </ul>	<ul style="list-style-type: none"> <li>Organizing webinars/Discussion</li> <li>collection and analysis of information</li> <li>dissemination of recommendations</li> </ul>	<ul style="list-style-type: none"> <li>Organizing webinars/Discussion</li> <li>collection and analysis of information</li> <li>dissemination of recommendations</li> </ul>	<ul style="list-style-type: none"> <li>Organizing webinars/Discussion</li> <li>collection and analysis of information</li> <li>dissemination of recommendations</li> </ul>
<b>Goal E: Encourage research and support development of tools to extend innovation into field practices</b>						
<b>E1. Strategy:</b> Support Improving Research Prioritization in the Countries	1.3 Overseeing activities of Technical Support Unit (TSU)	<ul style="list-style-type: none"> <li>Capacity development and technical support to NC</li> <li>Diagnostic studies/ Research need assessments (RNA)</li> </ul>	<ul style="list-style-type: none"> <li>Encouraging Pilot farm for innovative technologies</li> <li>Encouraging more joint research</li> <li>Collecting information about best pilot farms in the world</li> <li>Emails to NC's , WG's and partners about the TSU and services could be provided from ICID experts</li> <li>Research need assessments (RNA)                             <ul style="list-style-type: none"> <li>Email's for WG's and NC's, research centres and international experts</li> <li>Design of Questionnaire for RNA</li> </ul> </li> </ul>	Analysis of the data collected (RNA) . Final report of RNA Technical support services for NC's and partners	Regular	Regular
<b>Goal F: Facilitate capacity development</b>						
<b>F1. Strategy:</b> Enhancing Institutional Capacity Development of Member Countries	1.1 Provide technical support of National Committees, member and non-member of ICID (TSU)	<ul style="list-style-type: none"> <li>Study tours</li> <li>Diagnostic studies/ Research need assessments (RNA)</li> </ul>	<ul style="list-style-type: none"> <li>Preparing programs for study tours to pilot farms upon request from NC's and others</li> <li>Emails to NC's for Nomination of experts</li> </ul>	<ul style="list-style-type: none"> <li>Preparing programs for study tours to pilot farms upon request from NC's and others</li> <li>Emails to NC's for Nomination of experts</li> </ul>	Regular	Regular
	1.2 Assisting to find capacity gaps in NC (TSU)	TNA Reports	<ul style="list-style-type: none"> <li>Collecting information from NC's and Training Centres (letters and emails)                             <ul style="list-style-type: none"> <li>Information about regional Training Centres</li> <li>TNA at regional levels</li> <li>Questionnaire to NC's</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Data collections</li> <li>Data analysis</li> <li>Finalisation and release of TNA report</li> </ul>	<ul style="list-style-type: none"> <li>Dissemination of final report</li> <li>Actions for training based on TNA report</li> </ul>	<ul style="list-style-type: none"> <li>Actions for training based on TNA report</li> </ul>
	1.7 Contribute in the process of reorganization of NCs (TSU)	<ul style="list-style-type: none"> <li>Webinar</li> <li>Group discussions</li> </ul>	<ul style="list-style-type: none"> <li>Online webinars about role of TSU for NC's</li> </ul>			

Agenda for the 8<sup>th</sup> Meeting of WG-CDTE (74<sup>th</sup> IEC) ••• (Ver. Dated 2023-10-04)

Goal	Activity	Outcomes/ Outputs	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024
F2. Strategy: Support Capacity Development Activities of Member Countries	2.1 Facilitate donor NCS support joint research, invitations training, YP support program, or membership subscription in certain period (TSU)	Technical Report	<ul style="list-style-type: none"> <li>Finalisation and dissemination of technical report</li> <li>Sending emails and letters from CO to NC's</li> <li>Dissemination of TSU reports (if any)</li> </ul>	Regular Dissemination of TSU reports(if any)	Regular	Regular
	2.2 Report on capacity development needs, available training courses, gaps, institutes which can provide training to fill gaps etc.	Study report	<ul style="list-style-type: none"> <li>Preparing questioner for TNA</li> <li>Circulation of TNA</li> <li>Data analysis</li> </ul>	Finalisation and release of report	Training programs according to TNA at different levels	Training programs according to TNA at different levels
F3. Strategy: Technical Training of Young Professionals from Member countries	3.1 Develop on-line training and extension material to be used in support of improving irrigation practices and increasing water productivity	Proceedings of the program	<ul style="list-style-type: none"> <li>4<sup>th</sup> Af-YWP-Forum (CWW2021- October 2021)-virtually</li> <li>YP training programme prior to 5<sup>th</sup> AfRC on I&amp;D 16-23 November 2021 at Marrakesh, Morocco</li> </ul>	Regular	Regular	Regular
	3.3 Establishment of a distance learning mechanism	E-learning modules	Identification of topics and resource person/institutes for development of E-earning modules	Development of E-learning modules and is wider dissemination	Development of e learning modules and its wider dissemination Identification of additional topic etc.	Development of E-learning modules and is wider dissemination
	3.4 Capacity development/ training program on request from NCs	Training of professionals	<ul style="list-style-type: none"> <li>Organizing yearly African Young Professional forum</li> </ul>	<ul style="list-style-type: none"> <li>Organizing yearly African Young Professional forum</li> <li>Training for IYP-e-Forum during 73rd IEC Meeting and 24th ICID Congress will be held in 2022 (rescheduled) at Adelaide, Australia, Committee on Irrigation</li> </ul>	<ul style="list-style-type: none"> <li>Organizing yearly African Young Professional forum</li> <li>Training for IYP-e-Forum during 74th IEC Meeting and 4th World Irrigation Forum (WIF-4) will be held during 16-22 April 2023 in Beijing, China.</li> <li>Training for IYP-e-Forum 75th IEC Meeting and 25th ICID Congress will be held in November 2023, Visakhapatnam (Vizag), Andhra Pradesh State, India</li> </ul>	<ul style="list-style-type: none"> <li>Organisation of regional training program once a year</li> <li>Organization of African Young Professional forum every year</li> </ul>
	3.5 An online directory of institutes providing formal degree/s in Irrigation and Drainage	Online course	<ul style="list-style-type: none"> <li>Collection and analysis of information</li> <li>Signing MoU's with relevant institutions for diploma or Msc degree</li> </ul>	<ul style="list-style-type: none"> <li>Updating of information</li> <li>Online courses</li> </ul>	<ul style="list-style-type: none"> <li>Updating of information</li> <li>Online courses</li> </ul>	<ul style="list-style-type: none"> <li>Updating of information</li> <li>Online courses</li> </ul>
F5. Strategy: Providing Technical Support to NC's (TSU)			<ul style="list-style-type: none"> <li>Upon request from NC's</li> <li>Study tours</li> <li>Diagnostic studies</li> <li>Tailor made training</li> </ul>	<ul style="list-style-type: none"> <li>Upon request from NC's</li> <li>Study tours</li> <li>Diagnosis studies</li> <li>Tailor made training</li> </ul>	<ul style="list-style-type: none"> <li>Upon request form NC's</li> <li>Study tours</li> <li>Diagnosis studies</li> <li>Tailor made training</li> </ul>	<ul style="list-style-type: none"> <li>Upon request from NC's</li> <li>Study tours</li> <li>Diagnosis studies</li> <li>Tailor made training</li> </ul>

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)

**AGENDA FOR THE 8<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON SUSTAINABLE ON-FARM IRRIGATION  
SYSTEM DEVELOPMENT (WG-SON-FARM)**

05 November 2023, 09:30-11:00 hours (Session I) and 11:30-13:00 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: On-Farm**

**Presented by the Chairman**

**Year of Establishment: 2016**

**Extended completion of the Mandate: 2025**

**Mandate:** (a) On-farm irrigation structures and water distribution system networks are properly designed, installed, managed and maintained; (b) Soil moisture is monitored, technical and management measures for enhancing the water infiltration and retention capacities of soils are investigated and implemented; (c) Trade-offs among on-farm irrigation technologies, socio-economic and environmental benefits are optimized; (d) Innovative local institutional arrangements are developed and promoted for operation and maintenance; (e) Top-notch scientific and development relevant research is conducted and its results are translated into actionable recommendations.

**Website:** [http://icid-ciid.org/inner\\_page/121](http://icid-ciid.org/inner_page/121)

**WG-SON-FARM Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held in October 2022.
2. In January 2023, the Chinese Taipei Committee (CTCID) nominated Dr. Shao-Yiu Hsu while Turkish National Committee (TUCID) nominated Dr. Caner Demir and Mr. Ibrahim Burak Yeşiloğlu for the membership of the group. During the first virtual meeting of the working group held on 15 March 2023, all the nominees viz. Dr. Shao-Yiu Hsu (Chinese Taipei Committee), Dr. Caner Demir (Turkey), and Mr. Ibrahim Burak Yeşiloğlu (Turkey) attended the meeting.
3. Dr. Zhang Guohua, Young Professional (China), Prof. Yao Bin (China), Mr. Hassan Shantia (Iran), Mr. Bashu Dev Lohanee (Nepal), and Engr. Malik Muhammad Akram (Pakistan) have not contributed to the activities of the working group during the last two years. Chair in consultation with the Vice Chair, Secretary of the WG, and the Central Office has updated the membership of the WG as given in **Annex 1** (refer to the *electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt with suitably after the meeting.

**WG-SON-FARM Agenda Item 2: Brief of the virtual meeting organized in 2023**

4. A virtual meeting of the working group was organised on 15 March 2023 and discussed various activities being undertaken by the WG as part of the Road Map to ICID Vision 2030, publication of the WG, organization of workshops, webinar, etc. Minutes of the virtual meetings of all work body have been uploaded on a dedicated webpage - [https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152). Chair will provide further updates at the meeting.

**WG-SON-FARM Agenda Item 3: Road Map to ICID Vision 2030 – Status of activities on sustainable on-farm irrigation**

5. At the Adelaide meeting, WG discussed the Road Map to ICID Vision 2030 and provided the latest updates to PCTA for inclusion (refer to **Annex 2**). Activities of the WG, as per Road Map to ICID Vision which have three (3) goals, six (6) strategies, and eight (8) activities, briefly include outcome in the form of preparation of the position/overview/thematic research and development related documents/papers; presentation in the internal or international workshops, conferences for dissemination of technologies on a larger scale; publication of the papers; collection and collation of micro and sprinkler data; and updating Multilingual Technical Dictionary (MTD). Chair will provide further updates at the meeting.

**WG-SON-FARM Agenda Item 3.1: Publications of the group**

6. Two previous publications, viz. (i) "Improvement of On-Farm Irrigation Systems using simple water control, measuring and application devices" and (ii) Micro Irrigation for small holders and greenhouses" are pending for a

<sup>1</sup> This will also include details of membership of WG as **Annex**

long period of time. Since no response is being received from contributors of the publication, Chair propose that long pending papers may be dropped and new papers may be developed for publication.

7. Dr. Hossein Dehghanisani from Iran is finalizing a paper entitled "Micro Irrigation under Saline conditions", and Chair/ Dr Hossein will provide updates on the paper during the WG meeting. Chair requested members that the authors of papers should modify the papers as per guidelines for the Irrigation and Drainage Journal of ICID for publication in IRD Journal. Any paper of the members published in the Journal other than the IRD Journal may also be informed to the WG Chair/Vice Chair/Secretary for record and further use. During the Adelaide meeting, Chair after discussion with the members, informed that the paper of Mr. Taku Mori was in the final stages of completion. Chair will provide further updates at the meeting.

**WG-SON-FARM Agenda Item 4: Collection and collation of micro and sprinkler data**

8. At the Adelaide meeting, Chair encouraged members to compile the micro and sprinkler data and support the ICID Central Office in updating the database. In December 2022, Central Office requested all members of the group to share the latest updated information pertaining to their country to ICID so that the datasheet can be updated regularly. The updated table of sprinkler and micro area (*in descending order*) is available at <[https://icid-ciid.org/icid\\_data\\_web/sprinklerandmicro.pdf](https://icid-ciid.org/icid_data_web/sprinklerandmicro.pdf)> Chair will provide further updates at the meeting.

**WG-SON-FARM Agenda Item 5: Dissemination of activities of WG**

9. During the Adelaide meeting, Chair encouraged the group members to provide documents related to the mandate of the WG for uploading on the website to ensure that works related to the activities of the group be communicated. In December 2022, Central Office requested all members of the group to share the documents, reports, articles, presentations, etc. related to the mandate of the group for uploading on the website. Chair will provide further updates at the meeting.

**WG-SON-FARM Agenda Item 6: Updating Multilingual Technical Dictionary (MTD)**

10. After discussion, Chair suggested members to consider updating the Multilingual Technical Dictionary (MTD) for improvements. In December 2022, ICID Central Office requested all members to undertake the review of the terms related to the mandate of the WG. Chair will provide further updates at the meeting.

**WG-SON-FARM Agenda Item 7: Brief report of 10<sup>th</sup> International Micro Irrigation Conference, January 2023, Morocco**

11. The 10th International Micro Irrigation Conference (IMIC) was organized from 25-27 January 2023 at Dakhla by the Moroccan National Committee of ICID (ANAFIDE) in collaboration with the Council of the Moroccan Community Abroad (CCME), in partnership with ICID and with support of the Ministry of Agriculture, Fisheries, Rural Development, Water and Forestry (MAPMDREF). The theme of the conference was 'Micro-irrigation in the Era of Technology Innovation and Digital Transformation,' which aimed to share experiences of using new technologies and best management practices in drip, micro-sprinkler, and other localized irrigation systems. The sub-themes focused on (i) Public Policies and the Promotion of Micro Irrigation: Lessons Learned; (ii) Innovation in Micro-Irrigation Design and Technology to Improve Resilience towards Climate Change; (iii) Micro-Irrigation for Small-Scale Farming, Challenges, Opportunities, and Initiatives; (iv) Micro Irrigation to Promote the Water-Energy-Food Nexus; (v) Digital Transformation for the Management of Micro-Irrigation; and (vi) International Cooperation for the Development of Micro Irrigation. The ICID was represented by President Prof. Dr. Ragab Ragab, Secretary General Er. A.B. Pandya and Executive Director Er. H.K. Varma and the National Committees were represented by the other ICID fraternity members. The event witnessed participation from several countries such as South Africa, Nigeria, Niger, Senegal, Egypt, Mauritania, the United Kingdom, France, Portugal, Italy, Spain, Lithuania, Australia, the United States, India, and Japan. Chair/Representative of Moroccan NC (ANAFIDE) will provide further updates at the meeting.

**WG-SON-FARM Agenda Item 8: Internal/ Internal Workshop on Micro irrigation systems impacting agricultural growth and farm incomes**

12. During the Adelaide meeting, the group suggested the organization of a workshop on the Adoption of Technology and barriers as identified by the end users during the 74th IEC and 25th ICID. The matter is open for holding a workshop - internal or international, title of the workshop, contributors, etc. However, due to the paucity of time, it was decided that this issue would be discussed and finalized at the meeting. Chair will provide further updates at the meeting.

**WG-SON-FARM Agenda Item 9: ICID Members' Profile Section**

13. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members

access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**WG-SON-FARM Agenda Item 10: World Irrigation and Drainage Schemes (WI&DS)**

14. ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on “World Irrigation and Drainage Schemes (WI&DS)”. WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

**WG-SON-FARM Agenda Item 11: Any other business**

15. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandates. With consultation of PCTA, PCSO, Secretary General of ICID, and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-SON-FARM has been included in theme 1 (Irrigation and Drainage Water Management) which is proposed to be integrated with three working groups namely: WG-WATS, WG-M&R, and WG-IDM. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.

16. In July 2023, Chair Dr. Randev shared the new title of the WG viz. Working Group on Irrigation Water Management & Development (WG-IWMD) along with a brief note on amalgamating three WGs – WATS, IDM & M&R with President Dr. Ragab for consideration. Members may like to discuss the new structure of the working group during the meeting. WG Chair will provide further updates during the meeting.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.



**A. Membership of the working group at 2021, 2022, and 2023 (virtual) meetings**

Sl. No.	Members	Member from (Year)	2021		2022		2023	Remarks
			Self	Contributed	Self	Contributed	Attended virtual meeting in March 2023	
1.	Dr. A.K. Randeve, Chairman, 2016 (India)	2015	•	•		•	•	
2.	Mr. Carl Walters, Vice Chair, 2016 (Australia)	2015		•	•			
3.	Mr. Suman Sijapati, Secretary, 2016 (Nepal)	2015		•				
4.	Dr. Graziano Ghinassi (Italy)	2015		•			•	
5.	Mr. Hassan Shantia (Iran)	2015						No contribution, recommended for discontinuation after the India meeting if no contribution
6.	Dr. Chen, Ching-Tien (Chinese Taipei Committee)	2015	•	•	#		•	
7.	Mr. Bashu Dev Lohane (Nepal)	2015						No contribution, recommended for discontinuation after the India meeting if no contribution
8.	Dr. Hossein Dehghanisani (Iran)	2015	•	•		•	•	
9.	Mr. Siboniso Phillip Mkhali (South Africa)	2015			•			
10.	Mr. Ömer Faruk Akbulut (Turkey)	2015	•	•			•	
11.	Dr. Zhang Guohua, Young Professional (China)	2016						No contribution, recommended for discontinuation after the India meeting if no contribution
12.	Prof. Chang Eon Park (South Korea)	2016		•			•	
13.	Dr Yu-Min Wang (Chinese Taipei Committee)	2018	•	•	#		•	
14.	Prof L.B. Roy, Direct Member (India)	2018	•	•	•	•	•	
15.	Mr. Taku Mori (Japan)	2019	•	•	•	•		
16.	Dr. Teoh Chin Chuang (Malaysia)	2019			#			
17.	Mr. Dilip Yewalekar, Direct Member, Jain Irrigation Systems Limited (JISL)	2020		•				
18.	Dr. Guan Guanghua (China)	2021	•				•	
19.	Prof. Luo Yufeng (China)	2021	•				•	
20.	Prof. Yao Bin (China)	2021						No contribution, recommended for discontinuation after the India meeting if no contribution
21.	Dr. Gamal Mohamed Elkassar (Egypt)	2021		•				

Sl. No.	Members	Member from (Year)	2021		2022		2023	Remarks
			Self	Contributed	Self	Contributed	Attended virtual meeting in March 2023	
22.	Dr. Neelam Patel (India)	2021		•				
23.	Dr. Ashish Pandey (India)	2021		•		•		
24.	Engr. Malik Muhammad Akram (Pakistan)	2022						No contribution, recommended for discontinuation after the India meeting if no contribution
25.	Secretary General, ICID		# <sup>2</sup>					
	<b>Observers</b>							
(1)	Mr. M.S. Sudhakar (Direct Member), JISL (India)							
(2)	Mr. Abijit Joshi (Direct Member), JISL (India)							
	<b>Permanent Observer</b>							
(i)	FAO Representative							

**B. New nominations received from the National Committee/ Committee**

No.	Name	Country	Remarks
1	Dr. Shao-Yiu Hsu	Chinese Taipei Committee	Recommended as a member as he attended the virtual meeting on 15 March 2023
2	Dr. Caner Demir	Turkey	Recommended as a member as he attended the virtual meeting on 15 March 2023
3	Mr. Ibrahim Burak Yeşiloğlu	Turkey	Recommended as a member as he attended the virtual meeting on 15 March 2023



<sup>2</sup> Represented



**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES**

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024	Responsibility
<b>Goal A: Enable higher crop productivity with less water and energy</b>											
<b>A1.Strategy:</b> Modernizing irrigation systems	1.3 Prepare country overview papers	Papers	Prepare two country overview papers	Prepare one country overview paper	Prepare two country overview papers			Prepare one overview paper			
<b>A5.Strategy:</b> Supporting water productivity enhancement	5.1 Prepare how to do thematic documents ready	Technical Document	Prepare one how-to-do document	Prepare one how-to-do document	Prepare one how-to-do document	Prepare one how-to-do document	Prepare one how-to-do document	Prepare one thematic document			
	5.2 Develop a position paper on key issues on sustainable on-farm irrigation systems	Position paper	Prepare first draft paper	Finalize the position paper	Prepare second draft paper	Finalize the position paper		Prepare one position paper.			
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>											
<b>C3.Strategy:</b> Promoting regional cooperation	3.9 Organize international workshop, seminar or symposium	Compilation of proceedings	First internal Workshop	Organization of the 9th International Micro Irrigation Conference (IMIC) in January 2019 at Aurangabad, India	Hosted 9th International Micro Irrigation Conference (IMIC) in January 2019 at Aurangabad, India	-	Second workshop	Third workshop.			
<b>C4. Strategy:</b> Compile, collate and share knowledge and experiences	4.20 Database on sprinkler and micro irrigation in the world	Database	Updating database	Updating database	Updating database	Updating database	Updating database	Updating database	Updating data base		
	4.27 Research article on state of the art for publication in Irrigation and Drainage Journal	Study report	Prepare one article	Publication in Journal	Prepare one article	Publication in Journal	Prepare one article	Prepare one article			
<b>Goal E: Encourage Research and Support Development of Tools to Extend Innovation into Field Practices</b>											
<b>E2. Strategy:</b> Strengthening Extension Services with AWM information											
<b>E5.Strategy:</b> Compilation of Global Data Sets on Irrigation and Drainage	5.1 Datasets for irrigated area	Database	Updating database	Updating database	Updating database	Updating database	Updating database	Updating database			
	5.2 Datasets for Pressurised Irrigation Systems	Database	Updating database	Updating database	Updating database	Updating database	Updating database	Updating database.			

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)





**AGENDA FOR THE 5<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON USE OF NON-CONVENTIONAL WATER  
RESOURCES FOR IRRIGATION (WG-NCWRI)**

05 November 2023, 09:30-11:00 Hours  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: On-Farm**

**Presented by the Chair**

**Year of Establishment: 2018**

**Completion of the Mandate: 2024**

**Mandate:** To exchanging knowledge, experience and data as well as networking on the topic in order to be up-to-date with new developments, methods and approaches; to preparing comprehensive reviews and prospects with respect to different aspects of NCWR. Producing technical manuals, guidelines or standards with respect to all NCWR including waste water, drainage water and saline/brackish water; to organizing international workshops, seminars and meetings on the NCWR topic, to producing documents on successful case studies with the new developments with respect to NCWR presented by the members from different countries; to enlarging the membership of the WG by encouraging more member countries where the use of non-conventional waters is a common practice for irrigation management.

**Website:** [http://icid-ciid.org/inner\\_page/123](http://icid-ciid.org/inner_page/123)

**WG-NCWRI Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting in October 2022.
2. In December 2022, the Turkish National Committee (TUCID) nominated Dr. (Ms.) Bilge OMAR and Ms. Senem YILDIRIM (Turkey) for the membership of the group.
3. VPH Dr. Samia El-Guindy (Egypt), Dr. Hussein Abdel Halim El Gammal (Egypt), Dr. Seung Heon Lee (South Korea), and Prof. Leon van Rensburg (South Africa) have not contributed to the activities of the working group during the last two years. Similarly, Dr. Usman Khalid Awan (Pakistan) admitted as Provisional Member during the Adelaide meeting in 2022 has not contributed to the activities of the group. Chair in consultation with the Vice Chair, and the Central Office has updated the membership of the WG as given in **Annex 1** (refer to the *electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt with suitably after the meeting.

**WG-NCWRI Agenda Item 2: Brief of the virtual meetings organized in 2023**

4. In 2023, four virtual meetings of WG-NCWRI will be organized viz. January, June, August, and November this year. Accordingly, the first virtual meeting was organized on 16 January while the second virtual meeting was organized on 13 June 2023. During the virtual meetings, activities of organizing a workshop on NCWR, Capacity Building Training, etc. have been discussed as part of the Road Map to ICID Vision 2030. The group is planning to organize the third virtual meeting in August 2023. Minutes of the virtual meetings of all work bodies have been uploaded on a dedicated webpage – [https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152) Chair will provide further updates at the meeting.

**WG-NCWRI Agenda Item 3: Road Map to ICID Vision 2030 – Activities on non-conventional water resources for irrigation**

5. At the Adelaide meeting, the group noted that three activities have been started viz. (a) “Use of nonconventional water for food production” for the workshop - Dr. Tapas is responsible for the workshop; (b) Guideline document of brackish water irrigation - Dr. Anna is responsible for drafting the guideline outline and leads to draft the guideline suggested by Chair; (c) Capacity building training on nonconventional water resources use for irrigation. According to the last implementation situation, WG revised the action plan for the years 2022 to 2024 as part of the Road Map to ICID Vision 2030 (refer to **Annex 2**). Chair will provide further updates at the meeting.

<sup>1</sup> This will also include details of membership of WG as **Annex**

**WG-NCWRI Agenda Item 4: Discuss and develop a work plan based on new mandate**

**WG-NCWRI Agenda Item 4.1: Prepare a state-of-the-art document on the use of NCWR**

6. In January 2023, Chair Dr. Wenyong Wu circulated the draft outline of the Case Study on the Use of Non-conventional Water Resources in Agriculture to all members for their comments and suggestions. During the first virtual meeting held on 16 January, Dr. Qi reported the outline of the case study document on the use of non-conventional water resources in agriculture and reported edition progress based on the files proposed by some members. Dr. Qi invited more members to participate in the case study document or provide cases. Dr. Tasuku Kato volunteered to provide a Japanese case in the English version. Dr. Mohamed Salama was interested in the document and volunteered to provide Egyptian cases.

7. During the second virtual meeting, Dr Li on behalf of Dr. Qi reported the progress of the case study document. Chapters 1, 2, and 5 of the case document have almost finished. As for chapters 3 and 4, they still need to add more cases from different countries. Dr. Qi will promote these documents as soon as possible and then send them to all members for their comments. Chair will provide further updates at the meeting.

**WG-NCWRI Agenda Item 4.2: Developing manuals/ standards with respect to NCWR**

8. Chair Dr. Wenyong Wu is bringing out the Guidelines for Reclaimed Water Irrigation. In January 2023, Chair circulated the draft of the Guidelines to all members of the working group and invited comments and suggestions. Chair Dr. Wu will present the final version of the guidelines at the meeting.

**WG-NCWRI Agenda Item 4.3: International Workshop on Smart Use of Non-conventional Waters for global food security under changing climates, November 2023, Vizag, India**

9. International Workshop on Smart Use of Non-conventional Waters for global food security under changing climates will be held on 03 November 2023 in Vizag, India. This workshop will include presentations and case studies from various countries focusing on various aspects of innovative, efficient, smart, and safe use of non-conventional water for growing foods/ fibre to achieve a closed loop future for water. Smart technology will play an ever-increasing role in making the industry sustainable with minimum or zero footprints. This workshop intends to bring together experts worldwide to share information, experience, and views on the applications of modern technologies in nonconventional water irrigated agriculture.

10. The workshop is open to everyone and all speakers will be invited by the working group. So this workshop will not receive abstracts and papers from the public. This workshop will be for 3 hours. President Dr. Ragab will announce the guideline first. Chair Dr. Wu Wenyong would introduce the guidelines. There will be 8-10 speakers for making presentations. Dr. Tapas Biswas, Dr. Tasuku Kato, Dr. Sunil D. Gorantiwar, and Dr. Meng Ma would also give presentations from the perspectives of different countries. Each working group member would nominate 2-3 experts to give presentations. Vice Chair will provide further updates at the meeting.

**WG-NCWRI Agenda Item 4.4: Capacity building training and workshop**

11. In 2022, the group members started the “Digital application in the use of non-conventional water resources” training course. After discussion in 2023, WG members reached an agreement that the whole training is for a day (max 4 to 5 hours) with a break in between. Dr. Tapas Biswas, Dr. Sunil, Dr. Kato and Dr. Wu Wenyong will be the trainers of the course. The training course is preferred to be held in September 2023. Chair will provide further updates at the meeting.

**WG-NCWRI Agenda Item 4.5: Presentation by the group members**

12. During the virtual meeting on 13 June 2023, Dr. Sheng-Wei Wang (Chinese Taipei Committee) made an interesting presentation about arsenic contaminants in groundwater and agriculture irrigation. Members are requested to make a presentation during the meeting in consultation with the Chair.

**WG-NCWRI Agenda Item 5: ICID Members' Profile Section**

13. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**WG-NCWRI Agenda Item 6: World Irrigation and Drainage Schemes (WI&DS)**

14. ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on “World Irrigation and Drainage Schemes (WI&DS)”. WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

**WG-NCWRI Agenda Item 7: Any other business**

15. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. With consultation of PCTA, PCSO, Secretary General of ICID, and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-NCWRI has been included in theme 1 (Irrigation and Drainage Water Management) which is proposed to be integrated with two working groups namely: WG-ENV and WG-MWSCD. WG Chair will provide further updates during the meeting. report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.



**A. Members and their attendance at 2021, 2022, and 2023 (virtual) meetings**

No.	Members	Member from (Year)	2021		2022		Attended virtual meetings in 2023	Remarks
			Self	Contributed	Self	Contributed		
1.	Dr. Wenyong Wu, Chairman, 2021 (China)	2018	•	•	•	•	•	
2.	Prof. Tapas Kumar Biswas, Vice Chair (Australia)	2018	•	•	•	•	•	
3.	Dr. (Ms.) Anna Tedeschi (Italy)	2018		•		•	•	
4.	VPH Dr. Samia El-Guindy (Egypt)	2018						No contribution, recommended for discontinuation after India meeting if no contribution
5.	Dr. Mohamed Shaban M. Abu Salama (Egypt)	2018					•	
6.	Dr. Hussein Abdel Halim El Gammal (Egypt)	2018						No contribution, recommended for discontinuation after India meeting if no contribution
7.	VPH Dr. Karim Shiati (Iran)	2018				•		
8.	Dr. Tasuku Kato (Japan)	2018	•	•	•	•	•	
9.	Dr. Seung Heon Lee (South Korea)	2018						No contribution, recommended for discontinuation after India meeting if no contribution
10.	Dr. Muhammad Munir Ahmad (Pakistan)	2018		•				
11.	Prof. Leon van Rensburg (South Africa)	2018						No contribution, recommended for discontinuation after India meeting if no contribution
12.	President Dr. R. Ragab (UK)	2018		•	•	•	•	
13.	Mr Mohamed Ouhssain (Morocco)	2019	•	•	•	•		
14.	Dr Ratan Chand Jain (India)	2019				•	•	
15.	Dr Chihhao Fan (Chinese Taipei Committee)	2019		•				
16.	Dr. Ashish Pandey (India)	2021		•	•	•		
17.	Dr. Sunil D. Gorantiwar (India)	2021		•	•	•	•	
18.	Ms. Jigyasha Rai Yangkhurung (Nepal)	2021	•	•	•	•	•	
19.	Dr. Shu-Yuan Pan (Chinese Taipei Committee)	2021		•				
20.	Prof. Qi Xuebin (China)	2021	•			•	•	
21.	Dr. Usman Khalid Awan (Pakistan)	2022						No contribution, recommended for discontinuation after

No.	Members	Member from (Year)	2021		2022		Attended virtual meetings in 2023	Remarks
			Self	Contributed	Self	Contributed		
								India meeting if no contribution
22.	Dr. Sheng-Wei Wang (Chinese Taipei Committee)	2022			•		•	
23.	Secretary General, ICID		# <sup>2</sup>	#			#	
	<b>Permanent Observers</b>							
(i)	FAO representative							
(ii)	ICBA representative (UAE)							

**B. New nominations received from the National Committee**

No.	Name	Country	Remarks
1.	Dr. (Ms.) Bilge OMAR	Turkey	Recommended as a member, subject to her presence else a provisional member
2	Ms. Senem YILDIRIM	Turkey	Recommended as a member, subject to her presence else a provisional member



<sup>2</sup> Through representation



**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES**

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024
<b>A7. Strategy:</b> Using Wastewater or Poor-Quality Water for Irrigation	7.1 Compile best practices for sustainably managing and using non-conventional water resources	Case studies				State-of-the-art document on use of NCWR		
	7.2 Contribute to the establishment of national policy for re-use of treated wastewater in irrigation	Position Paper		Publishing a Paper of Reclaimed water irrigation in China				
	7.3 Capacity building training on nonconventional water resources use for irrigation					Digital application in the use of nonconventional water resources	Monitoring soil salt with remote sensing technology	
	7.4 Workshop on use of nonconventional water for food production					Workshop on use of nonconventional water for food production for high value production	International Workshop on Smart Use of Non-conventional Waters for global food security under changing climates, November 2023, Vizag, India	
	7.5 Participate in research on the development of sewage	Guidelines				Reclaimed water irrigation guideline		
	7.6 Guideline document of brackish water irrigation							Brackish water irrigation guideline

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)





**AGENDA FOR THE 9<sup>th</sup> MEETING OF THE  
WORKING GROUP ON INSTITUTIONAL AND ORGANIZATIONAL ASPECTS OF  
IRRIGATION/ DRAINAGE SYSTEM MANAGEMENT (WG-IOA)**

06 November 2023, 14:00-15:30 hours (Session I) and 16:00-17:30 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Schemes**

**Submitted by the Chairman**

**Year of Establishment: 2015**

**Completion of the Mandate: 2023**

**Scope:** The WG will investigate, analyse and disseminate information and knowledge on following issues: (1) Legal Framework and Organizational Structures of Water User Association for Water Supply Services including- (a) institutional and organisational requirements for sustainable operation and maintenance of irrigation/drainage systems, (b) improvement of organisational arrangements for management, operation and maintenance of irrigation/drainage systems, (c) financing of operation and maintenance of irrigation/drainage schemes, (d) approaches and requirements for water regulatory authorities, land property questions, water rights, and (e) roles, responsibilities and requirements for sustainable Water Users Associations (WUA); (2) Participatory Irrigation Management and Irrigation Management Transfer covering (a) approaches and conditions for successful Participatory Irrigation/Drainage Management (PIDM), and (b) approaches and conditions for successful irrigation/drainage management transfers (IDMT), including legislation and institutional requirements for transfer of responsibilities and/or ownership of irrigation and drainage systems to water users associations; and (3) Public Private Partnership, and Mechanism for Cost Recovery covering (a) possibilities of and requirements for successful Public Private Partnerships (PPP) in irrigation/drainage, and (b) methods and mechanisms for charging of irrigation/drainage services and determination of level of cost recovery.

**Webpage:** [http://icid-ciid.org/inner\\_page/115](http://icid-ciid.org/inner_page/115)

**WG-IOA Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held in Adelaide, Australia on 8 October 2022.
2. In July 2023, Chair Dr. Hafied Gany informed the ICID Central Office that due to his old age health issue, it is not possible for him to carry out the activities of the group efficiently and also unable to travel long distances so he proposed that Vice Chair may take over his position until the new Chair is identified by the WG. The group members may like to discuss and elect a new Chair during the meeting.
3. The Turkish National Committee (TUCID) has nominated Mr. Ahmet Şeren and Dr. Neslihan ŞENGÜL (Turkey) for the membership of the working group.
4. Eng. Sabreen Abdalradha Charloob Obied Subah (Iraq) and Mr. Philip J. Riddell (UK) have not contributed to the activities of the working group during the last two years. Chair in consultation with the Vice Chair, Secretary of the WG, and the Central Office has updated the membership of the WG as given in **Annex 1** (*refer electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt suitably after the meeting.

**WG-IOA Agenda Item 2: Brief review and adjustment of virtual meetings previously organized**

5. Chair will brief the members about the virtual meetings organized by WG and the various activities undertaken by WG as part of the Road Map to ICID Vision 2030 i.e. preparation of chapters and time schedule for the final report of the WG, organization of the international workshop, etc., which were reviewed and adjusted to a certain extent due to some constraints and impacts of the Covid-19 pandemic:

<sup>1</sup> This will also include details of membership of WG as **Annex**

- (a) Completion of final draft will be done after incorporating the Report and Papers of last International Workshop of WG-IOA on Public and Private Partnership (PPPs) in Irrigation and Drainage Operation and Maintenance Toward Sustainable Irrigated Agricultural Water Management. The workshop which was supposed to be conducted at the 72<sup>nd</sup> IEC meeting of ICID in Marrakech on 24 November 2021, could not be conducted due to technical and communication problems and the international workshop was subsequently conducted in Adelaide on 6 October 2022.
- (b) In relation to the above-mentioned matter (point-a), a discussion of the final draft was supposed to be conducted at the 9<sup>th</sup> meeting of WG-IOA during the 74<sup>th</sup> IEC meeting of ICID in Beijing China 2023, But it was cancelled and moved to Vizag, Andhra Pradesh, India in November 2023, but apparently the discussion was not possible to be conducted through physical/ WebEx (virtual) meeting not either possible to follow up through by email communications as planned, so till present the completion of the final draft was not possible to be materialized.
- (c) Subsequently, preparation of the draft of the final report is still not possible, at the same time, the program become more uncertain due to the cancellation of the 74<sup>th</sup> IEC meeting of ICID which was scheduled on 16-22 April 2023 in Beijing, China – so it is urgent to discuss the possible actions to follow up the delayed schedule for continuation the preparation of the final report or considering other possible action to reschedule or to look forward to the possibility of reorganization of the WG-IOA by means of incorporating with other WGs into a new working group with the support of Central Office of ICID.
- (d) And hence, the 9<sup>th</sup> WG-IOA would apparently be focused on the possibility of reorganization of the WG-IOA by incorporating with other Working Groups that could be possible to have their program joined together into the more comprehensive mandate of the newly reorganized Working Group.

**WG-IOA Agenda Item 3: Road Map to ICID Vision 2030 – Status of activities on institutional and organizational aspects of irrigation**

6. At the Adelaide meeting (which was only attended by a few members of WG-IOA), the group did not make major review and discussion on the Road Map to ICID Vision 2030 as part of the activities on institutional and organizational aspects of irrigation (**Annex 2**). Understanding the overall situation of COVID-19 pandemic all over the world, the group felt that it was not possible to achieve the overall target of WG-IOA and suggested an update concerning WG-IOA under Strategy C4 (activity 4.11) as part of the Road Map to ICID Vision 2030. Chair in consultation with the members will update the Road Map as per the extension of the completion of the mandate otherwise the possible comprehensive mandate of the newly reorganized Working Group.

**WG-IOA Agenda Item 3.1: Review Schedule for Publication of the WG or Reorganization into new WG**

7. Due to the stagnant activity of the Working Group so far, members are still stuck on the previously agreed tentative topic of the final report of IOA which is “Institutional and organizational reform in irrigation and drainage sector for sustainable agriculture water management”. The preparation of the draft of the general structure of the Final Report (Completion of Mandate of WG-IOA) was not possible to be completed because of the absence of the previously agreed volunteer. Practically no response has been received from volunteer members so far. In view of COVID-19 pandemic delaying various activities of the WG, members were of the view that the final report of WG-IOA is continuously to be stagnant and would need a discussion on the possible extension or reorganization of the WG-IOA into a new working group with an extensive mandate and newly extended frameworks.

8. VPH Ding Kunlun (China) shared the draft of the Chapter 4 titled “Observed Impacts of PIM” while Mr. Taku Mori (Japan) shared the draft of the chapter 2 titled “Legal Frameworks” as a contribution to the final report to Chair. WG also noted that during the virtual meeting on 23 July 2021, Dr. Sunil D. Gorantiwar (India) offered to contribute to the chapter- 3 “Participatory Irrigation / Drainage Management (PIDM) and Irrigation / Drainage Management Transfer (IDMT)” while Dr. Neelam Patel (India) offered to contribute to the chapter 6 “Way Forward and Recommendations”. Chair requested Dr. Gorantiwar and Dr. Patel to prepare and submit chapters well in time. As suggested, in December 2022, the ICID Central Office contacted both Dr. Gorantiwar and Dr. Patel and reminded them to submit their contributions directly to the chair. Similarly, in December 2022, ICID Central Office contacted Dr. Mohsin Hafeed (Pakistan) and requested him to urge Dr. Siddiqui to send his contribution directly to the Chair. WG is looking forward to have comments, discussions, or proposals about actions to be taken about this matter in the next possible activities of WG-IOA or in case of a subsequent form of the newly reorganized working group.

**WG-IOA Agenda Item 4: Presentation by the Working Group Members**

9. At the Adelaide meeting, Chair encouraged members to volunteer and make a presentation during the next meeting on the topic related to the mandate of the working group, especially the IOA materials related to PIDM, IDMT, and PPPs, and mechanism for cost recovery, possibilities and requirements for successful PPPs, as well as a mechanism for charging of irrigation and drainage services and determination of cost recovery which are still required for supporting the final report of WG-IOA. In December 2022, the ICID Central Office invited all members of the working group to make a presentation during the Vizag, India meeting.

**WG-IOA Agenda Item 5: Updating Multilingual Technical Dictionary (MTD)**

10. During the Adelaide meeting, the group noted that Dr. Yu Chuan Chang (Chinese Taipei Committee), a member of WG-IOA was assigned to represent the WG-IOA during the TF-MTD meeting in Morocco. Due to the non-attendance of Dr. Chang, a discussion on updating MTD was postponed. In December 2022, ICID Central Office contacted Dr. Chang and requested to expedite the updating of MTD and in response, Dr. Chang informed the ICID Central Office that he has already submitted the updated terms of MTD to Chair. WG Chair/ Dr Chang will provide update during the meeting.

**WG-IOA Agenda Item 6: Any other business**

11. **ICID Members' Profile Section:** During the 8<sup>th</sup> Meeting of WG-IOA in Adelaide, Chair updated the members about the new initiative of ICID providing WG members to access their profile section using their dedicated account. He informed that ICID CO vide email dated 9 July 2021 < <https://icid.bmeurl.co/C7D4D2E> > informed all members on how to access their account and change their password to maintain accuracy. Chair encouraged members to review and update their information using their credentials. In December 2022, the ICID Central Office requested all members of the working group to access their profile and update the same. Chair will further requests to all members about the importance of assessing Members' profile for reviewing and continuous updating of their respective information.

12. **Register on World Irrigation and Drainage Schemes (WI&DS):** In addition to information given at the 8<sup>th</sup> meeting of WG-IOA in Adelaide, Chair will further brief about ICID's initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. Chair also will also inform the members that as per ICID Central Office, this facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.

13. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. With consultation of PCTA, PCSO, Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-IOA Institutional and Organizational Aspects of Irrigation/Drainage System Management has been included in theme 4 (Sustainable Development and Management: Capacity Building, History, Institutional, and Socio-Economical, aspects of Irrigation and drainage schemes) which is proposed to be integrated with three working groups namely: WG-VE; WG-IDM; and WG-M&R. If the proposed restructuring of the WGs is approved by

IEC, then, the name of WG-IOA will need to change to a new name to reflect the newly added Working Groups. And hence, the mandate of the new WGs will be modified to reflect the newly added on topics of the amalgamated working groups. WG Chair will provide further updates during the meeting. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.

**A. Members and their attendance at 2021 and 2022 meetings**

Sl. No.	Members	Member from (Year)	2021		2022		Remarks
			Self	Contributed	Self	Contributed	
1.	VPH Dr. Hafied A. Gany, Chair (Indonesia)	2015	•		•	•	
2.	Dr. Keigo Noda, Vice Chair (Japan)	2020	•	•	•		
3.	Mr. Taku Mori, Secretary (Japan)	2020			•	•	
4.	Mr. Hasan Basri Yuksel (Turkey)	2015		•			
5.	Mr. Philip J. Riddell (UK)	2015					No contribution, recommended for discontinuation after India meeting if no contribution
6.	VPH Ding Kunlun (China)	2015	•		•		
7.	VPH Franklin Dimick (USA)	2015			•		
8.	Mr. Abdullahi Abdul Rahman (Nigeria)	2015	•				
9.	Dr. Yu-Chuan Chang (Chinese Taipei Committee)	2016				•	
10.	Dr. Qazi Tallat Mahmood Siddiqui (Pakistan)	2017				•	
11.	Eng. Sabreen Abdalradha Charloob Obied Subah (Iraq)	2020					No contribution, recommended for discontinuation after India meeting if no contribution
12.	Eng. Raghad Sami Aljanabi (Iraq)	2020		•			
13.	Dr. Neelam Patel (India)	2021				•	
14.	Dr. Sunil D. Gorantiwar (India)	2021				•	
15.	Dr. Niannian Yuan – Young Professionals (China)	2021			#		
16.	Dr. Ahmed Elsiddig A. Elshaikh, Direct Member (Sudan)	2021		•			
17.	Secretary General, ICID		# <sup>2</sup>				

**B. New nominations received from the National Committee**

No.	Name	Country	Remarks
1.	Mr. Ahmet Şeren	Turkey	Recommended as a member, subject to his presence else provisional member
2.	Dr. Neslihan ŞENGÜL	Turkey	Recommended as a member, subject to his/her presence else provisional member


<sup>2</sup> Through representation





**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES**

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for year 2022	Milestone for year 2023
<b>Goal A: Enable higher crop productivity with less water and energy</b>									
<b>A4. Strategy:</b> Promoting institutional reforms	4.1 Introduce suitable institutional setup	Guidelines		Prepare the first draft report		Finalise the draft report & publication			
<b>A6. Strategy:</b> Improving performance of irrigation systems	6.3 Facilitate policy analysis for improved water governance with a focus on agricultural water management and sustainable rural development.	Technical Paper							
	6.4 Develop generalized legal regulations (guidelines) and implementing changes in the public and private sectors of agriculture and water economies of the countries	Guidelines							
	6.5 Implementing changes in the public and private sectors of agriculture and water economies	Position paper							
<b>A8. Strategy:</b> Encouraging Participatory Management of Irrigation Systems									
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>									
<b>C1. Strategy:</b> Providing knowledge sharing platform for AM	1.7 Organize Workshop, Seminar and Symposium	Compilation of proceedings	Symposium	Symposium	Symposium	Symposium			

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for year 2022	Milestone for year 2023
professionals									
<b>C4.</b> <b>Strategy:</b> Compile, collate and share knowledge and experiences	4.10 Condensed overview of existing key books, manuals, guidelines and other relevant publications on the institutional, organizational aspects of irrigation management	Technical report		Release the first report		Release the second report	Release of final report		
	4.11 Overview paper on the state of the art on the IOA of I&D in Irrigation and Drainage (IRD)	Paper	Paper; Workshop; Symposium.	Preparation of the draft of papers on IOA of IDM	Submission of the published paper by ICID-Wiley Publication: “Global Review of Institutional Reform.....”	Submission of the published paper by ICID-Wiley publication: “Present Status and development ..... to ICID Vision 2030 (AXEL IRD 2303)	Preparation of the draft of Final Report of WG-IOA (reviewed and discussed on 7 <sup>th</sup> WG- IOA meeting)  Preparation of the draft of Final report would be done till November 2023 through other possible means such as through virtual meeting, outsourcing etc.,	Submission of the Final Report of WG-IOA (to be launched at the 73 <sup>rd</sup> IECM).  (Due to some constraints, one reason Publication and launching of the Final Report of WG-IOA would be postponed till November 2023).	Publication and launching of the Final Report of WG- IOA could be conducted during the 75 <sup>th</sup> IEC meeting of ICID in November, 2023 in Visakhapatnam (Vizag), Andhra Pradesh State, India -- the time of which is still within the frame work of WG-IOA.
	4.12 Exchange of information and sharing knowledge through case studies on institutional and organizational	Case studies	Exchange of information		Exchange of information		Exchange of information		

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)



**AGENDA FOR THE 9<sup>TH</sup> MEETING OF  
WORKING GROUP ON MODERNIZATION AND REVITALIZATION OF  
IRRIGATION SCHEMES (WG-M&R)**

06 November 2023, 14:00-15:30 hours (Session I) and 16:00-17:30 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Schemes**

**Presented by the Chair**

**Year of Establishment: 2015**

**Completion of the Mandate: 2023**

**Scope of work:** To investigate, analyse, disseminate information on new developments and to formulate recommendations with respect to: Planning and preparation for modernization and revitalization of irrigation schemes; Interaction between modernization, revitalization and required operation and maintenance; Cost sharing for modernization, revitalization and required operation and maintenance; Institutional and organizational framework required for modernization, revitalization and operation and maintenance; Methods and techniques of lining of conveyance and distribution canals; Canal control systems with respect to their automation, using internet, mobile communication and remote monitoring in canal operation; Modification to improve communication, operational capacities and flexibility in operation and maintenance of systems; Standardization and codes of practice in irrigation systems.

**Webpage:** [http://icid-ciid.org/inner\\_page/117](http://icid-ciid.org/inner_page/117)

**WG-M&R Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting.
2. In March 2023, the Indonesian National Committee on Irrigation and Drainage (INACID) nominated Mr. Mohamad Ramdani and Mr. Muhammad Adrie Azhari (*in place of Mr. Eko Subekti*) for the working group membership. Similarly, in January 2023, the Turkish National Committee on Irrigation and Drainage (TUCID) nominated Mr. Ali Volkan Seyfi, Mr. Bilal Alpaslan, and Ms. Bedriye Nur Dikenli Aytekin for the membership of the group. Mr. Mohamad Ramdani (Indonesia) and Ms. Bedriye Nur Dikenli Aytekin (Turkey) have attended the virtual meeting on 24 January 2023.
3. Mr. Mehrzad Ehsani (Iran), Dr. Brian T. Wahlin (USA), Mr. Usman-e-Ghani (Pakistan), Dr. Ali Omran Ali (Iraq), Dr. Chih-Hung Tan (Chinese Taipei Committee), Omid Moridnejad – Young Professional (Iran), Mrs. Zaineb Mohammed Akram (Iraq) have not contributed to the activities of the working group during the last two years. Similarly, Dr. Usman Khalid Awan (Pakistan) admitted as Provisional Member during the Adelaide meeting in 2022 has not contributed to the activities of the group.
4. Chair in consultation with the Vice Chair, Secretary of the WG, and the Central Office has updated the membership of the WG as given in **Annex 1** (*refer to the electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt with suitably after the meeting.

**WG-M&R Agenda Item 2: Brief of the virtual meetings organized in 2023**

5. After the Adelaide meeting, the group organized the first virtual meeting on 12 December 2022, the second virtual meeting on 24 January 2023, and the third virtual meeting on 6 April 2023. During the virtual meetings, the Chair discussed various activities being undertaken by the WG as part of the Road Map to ICID Vision 2030, development of guidelines on modernization of irrigation and drainage services, Reporting Norms and Processes for O&M of irrigation and drainage systems, e-discussion, the progress of the work plan, organization of the international workshop, coding, and analysis of responses, etc. Minutes of the virtual meetings of all work bodies have been uploaded on a dedicated webpage – [https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152). Chair will provide further updates at the meeting.

<sup>1</sup> This will also include details of membership of WG as **Annex**

**WG-M&R Agenda Item 3: Road Map to ICID Vision 2030 – Status of activities on modernization and revitalization**

6. During the Adelaide meeting, the group discussed the Road Map to ICID Vision 2030 and provided the updates to PCTA for inclusion resulting from the extension of the WG mandate to 2023 (refer to **Annex 2**). During the India meeting, the results of the survey on Norms and processes for O&M will be discussed.

**WG-M&R Agenda Item 3.1: Publication of the WG – Guidelines on modernization**

7. During the Adelaide, the Chair discussed the Guidelines on Modernization of Irrigation and Drainage Services. After the meeting, Chair circulated the proposed development plan and the minutes to all the members. During the virtual meeting, a quick summary of the current status was provided by the Chair, and key milestones were noted to enable dissemination of the Guidelines on Modernization at the ICID 25<sup>th</sup> Congress in Vizag from 1 to 8 November 2023. The proposed milestone dates are as follows:

- (i) Submission of advanced drafts of each Chapter by lead authors on or before 31 March 2023
- (ii) Completion of initial review of chapters by 30 April 2023. N.B. The identification of reviewers for each chapter will have to be completed before the end of March 2023.
- (iii) Reviewers and chapter authors to complete the review and revision of chapters by 15 June 2023
- (iv) Compilation of complete draft Guidelines document by 30 July 2023
- (v) ICID Central Office and Chapter authors to coordinate preparation, review, and approval of PDF and web versions of chapters by 1 October 2023.
- (vi) Announcement and launch of ICID Guidelines on Modernization of Irrigation and Drainage Services during ICID 25<sup>th</sup> Congress

8. During the virtual meeting in April 2023, Chair Ian Makin informed the group that he will try to assemble a complete draft for review and requested participants to expedite their comments to enable the preparation of a final draft. Chair will provide further updates at the meeting.

**WG-M&R Agenda Item 3.2: Develop norms of O&M of Irrigation systems**

9. At the Adelaide meeting, Ms. Mona Liza Delos Reyes provided a summary of the response to the questionnaire circulated by the ICID Central Office. These have been encoded into SPSS software, and the data set has already been shared with other members working on the norms for comments.

10. During the virtual meeting in December 2022, Ms. Mona Liza Delos Reyes informed the members that a total of 25 responses to the questionnaire had been received and encoded into SPSS for analysis. Ms. Mona gave a quick overview of the preliminary analysis of the data. The data has been shared with the core team assigned to the study. Dr. Neelam Patel agreed to collaborate with Mona to develop a more detailed analysis of the survey data. After a brief discussion of the processes for transferring the data between different users of SPSS software, Dr. Patel requested Mona to send a copy of the exported data file in Excel format for analysis. Dr. Mohsen informed the group members that there is a diverse environment and social setting in Iran. The Iran National Committee plans to send further data for inclusion in the analysis. Ms. Mona Liza will provide further updates at the meeting.

**WG-M&R Agenda Item 3.3: Condensed overview of Key books, manuals, and Guidelines**

11. The Chair drew attention to the publications added to the WG website by the ICID Central Office and encouraged members to recommend other relevant publications. The ICID Central Office requested all members of the group to share relevant publications for uploading on the ICID website. Chair will provide further updates at the meeting.

**WG-M&R Agenda Item 3.4: Exchange of information, knowledge & networking**

12. In December 2022, ICID Central Office requested all members to share relevant publications, reports, and documents related to the mandate of the group for uploading on the webpage. The chair encouraged members to share relevant publications, reports, and documents related to the mandate of the group to the ICID Central Office for uploading on the WG website. These papers and presentations will also contribute to the completion of the Guidelines document. The Guidelines on Modernization and Survey of Norms and Processes for Operation and Maintenance of Irrigation and Drainage Systems will be finalized for publication in 2023.

13. Chair Ian Makin jointly with Colin Steley has organized an e-Discussion on Crop Water Productivity Performance Outcome of Irrigation System Modernization on the topics of Basic Crop Water Productivity (CWP) Definitions; and Empirical CWP Evidence (1-7 May 2023); Irrigation System Modernization (8-14 May 2023); discussion Participant Feedback (15-21 May 2023); and Draft Summary Report (22-31 May 2023). In March 2023, ICID Central Office invited the Chair and members of WG-M&R, WG-IDM, WG-SON-FARM, and WG-WATS and requested them to participate in the discussion. Chair will provide further updates at the meeting.

**WG-M&R Agenda Item 4: Updating Multilingual Technical Dictionary (MTD)**

14. Dr. Mohsen Barahimi has been contributing to updating the MTD over the course of the year. The Chair enjoined members to consider contributing and if any member has come across any definition that needs translation can also contact the Chair or the Central Office. IRNCID is negotiating with various universities to control the translations before sending them to ICID, and the translation process is also being followed up. In December 2022, ICID Central Office requested all members of the group to contribute by sharing new terms for updating the MTD. Dr. Mohsen Barahimi will provide further updates at the meeting.

**WG-M&R Agenda Item 5: ICID Members' Profile Section**

15. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One newly added web feature provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**WG-M&R Agenda Item 6: World Irrigation and Drainage Schemes (WI&DS)**

16. ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

**WG-M&R Agenda Item 7: International Symposium on Pathways and Technologies for Modern Irrigation Services, November 2023, Vizag, India**

17. An International Symposium on the theme "Pathways and Technologies for Modern Irrigation Services" will be held during the 25<sup>th</sup> ICID Congress on 04 November 2023 in Vishakhapatnam (Vizag), Andhra Pradesh, India. National Committees have been invited to submit their country papers on the theme presenting case studies on the various aspects of integrated and innovative irrigation management within their country. Vice President Hon. Ian Makin is the Symposium Coordinator.

18. In August 2023, Vice President Hon. Ian Makin shared the country papers of Australia, Burkina Faso, Indonesia, Iran, Japan, Nepal, Nigeria, Sahel Region, Somalia, Sri Lanka, and Zimbabwe with the ICID Central Office. ICID Central Office is formatting the above country papers to bring out the same in a standard format. Chair will provide further updates at the meeting.

**WG-M&R Agenda Item 8: Recommendations for follow-up on WG-M&R following completion of mandate in 2023**

19. At the 73rd International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. With consultation of PCTA, PCSO, Secretary General of ICID, and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023 (including WG-M&R). The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74th IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the mandate of the WG-M&R has been merged under themes 1 and 4 (Irrigation and Drainage Water Management, and Sustainable Development and Management) and proposed to

be integrated with two working groups namely: WG-SON-FARM and WG-IOA. WG Chair will provide further updates during the meeting. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.

**WG-M&R Agenda Item 9: Any other business**



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.

**A. Members and their attendance at 2021, 2022, and 2023 (virtual) meetings**

No.	Members	Member from (Year)	2021		2022		Attended the virtual meetings in 2023	Remarks
			Self	Contributed	Self	Contributed		
1.	VPH Ian Makin, Chairman (UK)	2015	•	•	•	•	•	
2.	Dr. Dong Bin, Vice Chairman (China)	2015	•	•			•	
3.	Engr. Muhammad Sani Bala, Secretary (Nigeria)	2015		•	•			
4.	Mr. Mehrzad Ehsani (Iran)	2015						No contribution, recommended for discontinuation after the India meeting if no contribution
5.	Ir. Eko Subekti (Indonesia)	2015	•					Replacement received (refer below)
6.	Dr. Kwang-Sik Yoon (South Korea)	2015		•	•			
7.	Mr. Mohd Yazid bin Abdullah (Malaysia)	2015			#			
8.	Dr. Brian T. Wahlin (USA)	2015						No contribution, recommended for discontinuation after the India meeting if no contribution
9.	Mr. Usman-e-Ghani (Pakistan)	2016						No contribution, recommended for discontinuation after the India meeting if no contribution
10.	Dr. Ali Omran Ali (Iraq)	2016						No contribution, recommended for discontinuation after the India meeting if no contribution
11.	Dr. Sanjay Belsare (India)	2017	•	•			•	
12.	Mr. Jan Potgieter (South Africa)	2018	•		•		•	
13.	Prof. Dr. Tarek Ahmed El-Samman (Egypt)	2018	•	•			•	
14.	Dr. Chih-Hung Tan (Chinese Taipei Committee)	2018						No contribution, recommended for discontinuation after the India meeting if no contribution
15.	Dr. Shinji Fukuda (Japan)	2018	•	•	•		•	
16.	Omid Moridnejaad – Young Professional (Iran)	2018						No contribution, recommended for discontinuation after the India meeting if no contribution
17.	Ms. Mona Liza Delos Reyes (Philippines)	2019	•	•	•	•	•	
18.	Engr. Reyne B. Ugay (Philippines)	2019	•	•		•	•	
19.	Dr. Toshihiko Kuno (Japan)	2020	•	•	•		•	
20.	Mrs. Zaineb Mohammed Akram (Iraq)	2020						No contribution, recommended for discontinuation

No.	Members	Member from (Year)	2021		2022		Attended the virtual meetings in 2023	Remarks
			Self	Contributed	Self	Contributed		
								after the India meeting if no contribution
21.	Dr. Mohsen Barahimi (Iran)	2020	•	•		•	•	
22.	Mr. Dinesh Bhatt (Nepal)	2020	•	•				
23.	Prof. Sunil D. Gorantiwar (India)	2021	•	•		•		
24.	Dr. Neelam Patel (India)	2021				•	•	
25.	Dr. YaLong Li (China)	2021		•			•	
26.	Dr. SHI Yuan (China)	2021		•			•	
27.	Dr. Di Wu (China)	2021						
28.	Dr. Usman Khalid Awan (Pakistan)	2022						No contribution, recommended for discontinuation after the India meeting if no contribution
29.	Dr. Macdex Mutema (South Africa)	2022					•	
30.	Dr. Hwa-Lung Yu (Chinese Taipei Committee)	2022			•		•	
31.	Secretary General, ICID		# <sup>2</sup>			#		
	<b>Permanent observers</b>							
(i)	Mr. Alan Kendall Clark (UK)	2015					•	
(ii)	FAO Representative	2015						
(iii)	World Bank representative (Dr. Petra Schmitter)	2021		•				
(iv)	IWMI representative (Dr. Alok Sikka)	2021	•	•	•		•	

### B. New nominations received from the National Committees

No.	Name	Country	Remarks
1	Mr. Mohamad Ramdani	Indonesia	Recommended as a member, as he attended the virtual meetings in April and January 2023
2	Mr. Muhammad Adrie Azhari	Indonesia	Recommended as a member, subject to his presence else a provisional member
3	Mr. Ali Volkan Seyfi	Turkey	Recommended as a member, subject to his presence else a provisional member
4	Ms. Bedriye Nur Dikenli Aytakin	Turkey	Recommended as a member, as she attended the virtual meeting on 24 January 2023
5	Mr. Bilal Alpaslan	Turkey	Recommended as a member, subject to his presence else a provisional member



<sup>2</sup> Through representation



**Annex 2 [Appendix XXVI, Item 3]**

**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES**

Goals/ Strategies	Activities	Outcomes / Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Responsibility
<b>Goal A: Enable higher crop productivity with less water and energy</b>										
<b>A1. Strategy:</b> Modernizing irrigation systems	1.4 Preparation and presentation of Case studies	Compilation of Case Studies	6 Case Studies	5 case studies presented	9 Case Studies			Selected case studies to address key missing aspects	Edited volume of case studies – published on the ICID website	Authors of case studies
	1.5 Prepare an overview paper on State of the Art on Modernization of Irrigation Systems	State of the Art Paper		State of the Art Paper	State of the Art Paper re-arranged	Cancelled				
	1.6 Develop Guidelines for Modernization of Irrigation systems	Guidelines (This is to be reviewed and possibly revised in Mexico in 2017)			Release Guidelines in WIF3				Release Guidelines	Lead Authors (Ian Makin, Dong Din, Sani Bala)
<b>A2. Strategy:</b> Improving O&M of Irrigation Systems	2.1 Advocacy paper to draw attention to the need of adequate resources for O&M	Advocacy paper								
	2.2 Develop norms of O&M of Irrigation systems	Technical Report					Survey developed and submitted for distribution to ICID NCs	Survey to be sent out by CO – Q1, 2022 Analysis and draft report by Q3, 2022	Final report on Norms and processes – presented at WIF 4, Beijing	Core writing team, led by Mona Liza del le Reyes
<b>Goal B: Be a catalyst for change in policies and practices</b>										
<b>B1. Strategy:</b> Supporting development of appropriate policies	1.9 Prepare position Paper on Key Issues on Modernization of Irrigation Schemes	Position/Policy Paper of ICID								
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>										
<b>C1. Strategy:</b> Providing knowledge sharing platform for AWM professionals	1.5 Organize Workshops, Seminar and Symposium on modernization	Compilation of proceedings	Main Theme of Congress, Inputs to Congress		Full-day workshop on modernization			International Workshop in Adelaide in 2023		Ian Makin
<b>Goal F: Facilitate capacity development</b>										
<b>F4. Strategy:</b> Developing and sharing AWM knowledge	4.4 Condensed overview of Key books, manuals and Guidelines	Book Overview								Ongoing – all members of WG_M&R

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)





**AGENDA FOR THE 8<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON IRRIGATION DEVELOPMENT AND MANAGEMENT (WG-IDM)**

06 November 2023, 14:00-15:30 hours (Session I) and 16:00-17:30 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Schemes**

**Presented by the Chair**

**Year of Establishment: 2015**

**Completion of the Mandate: 2023**

**Scope:** (a) assessment of consumptive use of water for irrigation and resulting water balance at system level; (b) water demand management according to available resource(s) and system capacity; (c) assessment of water loss in various components of irrigation systems, appraisal of water made available for another use downstream (non-consumptive); (d) ground water development and management for irrigation including conjunctive use of surface and groundwater in irrigation, artificial recharge of aquifers from canals "losses" and "excessive" irrigation; (e) water measuring methods and devices and relevant technology (flow rates and volumes); (f) drivers for and resistances at system level to improve irrigation management; (g) social issues to be considered along with technical and economical ones; (h) management of multi-use hydraulic systems, and interdependence between uses; (i) performance evaluation of irrigation schemes and benchmarking; (j) ways towards economic performance enhancement (cost reduction and efficiency improvement).

**Website:** [http://icid-ciid.org/inner\\_page/118](http://icid-ciid.org/inner_page/118)

**WG-IDM Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held in Adelaide in October 2022.
2. In July 2023, Chair Ms. Mary Jean Gabriel informed the Vice Chair and Secretary of the WG that due to work pressure, she would not be able to give time to WG-IDM activities, and hence she is retiring from the Chairperson of the WG-IDM.
3. In December 2022, the Turkish National Committee (TUCID) nominated Ms. Özlem YILDIZ for membership of the working group. Prof. Huang Jiesheng (China), Mr. Waleed Hassan (Egypt); Eng. El Sayed El Yamani Ali Sarkees (Egypt); Ir. Mat Hussin Bin Ghani (Malaysia); and Mr. Tariq Altaf (Pakistan) have not contributed to the activities of the working group during the last two years.
4. Chair in consultation with the Vice Chair, Secretary of the WG, and the Central Office has updated the membership of the WG as given in **Annex 1** (*refer electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt with suitably after the meeting.

**WG-IDM Agenda Item 2: Road Map to ICID Vision 2030 – Status of activities on irrigation development and management**

5. The Chair reviewed the Road Map to ICID Vision 2030 during the Adelaide meeting and provided the latest update to PCTA (refer to **Annex 2**):
  - (a) **Goal A - Strategy A1 - Activity 1.1.** “Develop a program for introducing standards for irrigation systems”, Dr. Wang-Shen Wei (Chinese Taipei Committee) agreed to submit the draft of the report by November 2023. In January 2023, the ICID Central Office requested Dr. Sheng-Wei to be in touch with the Chair for preparation of the draft report. Dr. Sheng-Wei/ Chair will provide further updates at the meeting.
  - (b) **Goal A -Strategy A1 – Activity 1.2.** “Report or case studies on recent developments in irrigation drainage management” - Mr. Ahmet Seren made a presentation on “Irrigation Development & Management Activities in Turkey” during the Adelaide meeting. Mr. Ahmet Seren/Chair will provide further updates at the meeting.
  - (c) **Goal B -Strategy B1 – Activity 1.14.** “Report on South-South cooperation for capacity development in the field of irrigation management”, members agreed to confirm with Ms. Mary Jean Gabriel the

<sup>1</sup> This will also include details of membership of WG as **Annex**

contents of the report through e-mail discussion/ virtual meetings. In January 2023, the ICID Central Office requested the Chair to be in touch with the members for the finalization of the report.

- (d) During the Adelaide meeting, Dr. Narges Zohrabi informed the WG that a webinar will be organized in coordination with WG-CDTE. Accordingly, on 3 May 2023, a Webinar on “Empowerment and Capacity Development of Women in Water Resources Management” was organized by Ms. Hon. Karlene Maywald, Dr. Narges Zohrabi, and Dr. Anthi Brouma. The webinar focuses on developing practical solutions for enhancing the socio-political visions and increasing the level of awareness of legislative bodies regarding policies for ensuring women’s participation in water management to optimize and increase their presence and attain the objective of sustainable water management. More information is available at [https://icid-ciid.org/inner\\_page/234](https://icid-ciid.org/inner_page/234)
- (e) **Goal C - Strategy C4- Activity 4.17.** “Overview paper on the Irrigation Development for publication in Irrigation and Drainage (IRD)”, the item was transferred to Dr. Sheng-Wei Wang. In January 2023, the ICID Central Office requested Dr. Sheng-Wei to be in touch with the Chair for the preparation of the above paper. Dr. Sheng-Wei will provide further updates at the meeting.
- (f) **Goal B - Strategy B3 – Activity 3.1.** “Assess methods and develop guidelines on relevant water balance approach”, Dr. Amgad Elmahdi (Australia) agreed to submit the draft by November 2023. In January 2023, the ICID Central Office requested Dr. Amgad to provide further progress on the preparation of the guidelines however, the response is awaited.
- (g) **Goal A - Strategy A6- Activity 6.7 –** “Identify drivers and social resistances within the systems to improve Irrigation management”, the draft was submitted by Mr. Ahmet Seren however, a response from Mr. Ian Makin is awaited. In February 2023, Mr. Ahmet Seren contacted VPH Ian Makin and requested a contribution to the above draft. Mr. Ahmet Seren/Chair will provide further updates at the meeting.
- (h) **Goal C - Strategy C1 - Activity 1.3.** “Organize Workshop, Seminar, and Symposium on Water Balance Approach”, Dr. Amgad Elmahdi (Australia) agreed to hold a symposium before the end of November 2023. Accordingly, in January 2023, the ICID Central Office requested Dr. Amgad to provide further progress on the organization of the symposium however, the response is awaited.
- (i) **Goal D - Strategy D2 - Activity 2.3.** “Investigating and documenting the social and economic impacts of irrigation systems” - Dr. Akie Mukai (Japan) submitted the draft report and also made a presentation during the WG meeting. The group reviewed the contents and proposed that Dr. Akie will revise and submit the report after getting feedback from the WG members by November 2023. In January 2023, the ICID Central Office requested Dr. Akie Mukai to send the final version of the draft report so that the same can be circulated to all members for their comments however, the response is awaited.
- (j) **Goal E - Strategy E6 - Activity 6.2.** “Investigate and report on the state of research, barriers or locks and promising paths in the field of irrigation management” was discussed among the WG members and Dr. L.B. Roy agreed to prepare “A Table of Contents” by November 2023. In May 2023, Prof. Roy contacted the Chair and requested some feedback in preparation for “A Table of Contents”.

#### **WG-IDM Agenda Item 2.1: Publication of the WG**

6. During the Adelaide meeting, the Chair encouraged all members to contribute to bringing out the publication of the working group. There were some comments about the ICID Journal on its slow review process and not frequent issues. In January 2023, the ICID Central Office requested all members of the group to contribute to the WG’s publication by getting in touch with the Chair.

#### **WG-IDM Agenda Item 3: Presentation by the working members**

7. At the Adelaide meeting, the chair encouraged all members of WG to make presentations related to the mandate of the WG. Dr. Sheng-Wei Wang agreed to request Dr. Hwa-Lung Yu to make a presentation at the 74<sup>th</sup> IEC in November 2023. In November 2022, the ICID Central Office received the presentations from Mr. Ahmet Seren, and uploaded them on the ICID website at [https://icid-ciid.org/inner\\_page/118](https://icid-ciid.org/inner_page/118) In January 2023, the ICID Central Office requested all members of the group to make a presentation by getting in touch with the Chair. The chair will provide further updates at the meeting.

**WG-IDM Agenda Item 4: Exchange of information, knowledge & networking -website**

**WG-IDM Agenda Item 4 1: Website of the group**

8. During the Adelaide meeting, the chair requested members for their active participation in the activities of the WG and facilitate the exchange of information, knowledge, and experience, as well as networking on the topic in order to keep themselves up-to-date with new developments. At the meeting, members also agreed to prepare a short CV and share it among WG members to get to know each other better. In January 2023, the ICID Central Office requested all members of the group to share their brief CVs with the Chair however, the response is awaited. The Chair will provide further updates at the meeting.

**WG-IDM Agenda Item 4 2: Webinar**

9. At the Adelaide meeting, the Chair stated that Dr. Amgad Elmahdi (Australia) has agreed to organize a webinar to share his knowledge and experiences on the topic "Operationalizing and institutionalizing WA" in 2023. Accordingly, in January 2023, the ICID Central Office requested Dr. Amgad to organize the webinar however, the response is awaited. Dr. Amgad will provide further updates at the meeting.

**WG-IDM Agenda Item 5: Updating Multilingual Technical Dictionary (MTD)**

10. In February 2022, Dr. (Ms.) Eman Ragab Nofal (Egypt) informed that for the Arabic translated version of the MTD sheet, she had a meeting with Dr. Hesham Mostafa, Chairman of ENCID, and discussed the translation. She also informed that after an investigation of the sheet with other ENCID members, it was noted that almost all the scientific terms and expressions in the sheet are used and taught in the English language in all engineering faculties and for design purposes. It was suggested that the sheet in its current form in English is very useful to Egyptian engineers. Similarly, in February 2022, Dr. Amgad informed that he joined the Green Climate Fund (GCF) as the Water Sector Lead and it would be difficult for him to commit to any work for the time being. Dr. Amgad/ Dr. Eman Ragab Nofal will provide further updates at the meeting.

**WG-IDM Agenda Item 6: ICID Members' Profile Section**

11. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information. In January 2023, the ICID Central Office requested all members of the group to review and update their information using their credentials.

**WG-IDM Agenda Item 7: World Irrigation and Drainage Schemes (WI&DS)**

12. ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by the National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world, especially in their respective countries to contribute to the register. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.

**WG-IDM Agenda Item 8: Any other business**

13. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. With consultation of PCTA, PCSO, the Secretary General of ICID, and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023 (including WG-M&R). The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change and Water Scarcity (Medium to Long-term Activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four

themes, the mandate of the WG-IDM has been merged under themes 1, 2, and 4 (Irrigation and Drainage Water Management; Natural Resources Management; and Sustainable Development and Management) and proposed to be integrated with three working groups namely: WG-SON-FARM, WG-WFE-N, and WG-IOA. WG Chair will provide further updates during the meeting. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.

**A. Members and their attendance at 2021 and 2022 meetings**

Sl. No.	Members	Member from (Year)	2021		2022		Remarks
			Self	Contributed	Self	Contributed	
1.	Ms. Mary Jean M. Gabriel, Chair (South Africa)	2015		•		•	
2.	Mr. Ahmet Şeren, Vice Chair (Turkey)	2016	•	•	•	•	
3.	Dr. Katsuyuki Shimizu, Secretary (Japan)	2015	•	•	•	•	
4.	Dr. Wu Jingwei (China)	2015	•				
5.	Ir. Mat Hussin Bin Ghani (Malaysia)	2015					No contribution, recommended for discontinuation after the India meeting if no contribution
6.	Mr. Waleed Hassan (Egypt)	2015					No contribution, recommended for discontinuation after the India meeting if no contribution
7.	Dr. Amgad Elmahdi (Australia)	2016	•	•		•	
8.	Dr. Narges Zohrabi (Iran)	2016			•		
9.	Mr. Tariq Altaf (Pakistan)	2017					No contribution, recommended for discontinuation after the India meeting if no contribution
10.	Prof. LB Roy – Direct Member (India)	2018	•	•	•		
11.	Eng. El Sayed El Yamani Ali Sarkees (Egypt)	2018					No contribution, recommended for discontinuation after the India meeting if no contribution
12.	Dr. (Ms) Eman Ragab Mohamed Nofal (Egypt)	2018	•				
13.	Dr. Mukai Akie (Japan)	2020	•	•	•	•	
14.	Engr. Ali Mohamed Ahmed Elhaj (Sudan)	2020				•	
15.	Dr. Gamal Mohamed Elkassar (Egypt)	2021		•			
16.	Prof. Huang Jiesheng (China)	2021					No contribution, recommended for discontinuation after the India meeting if no contribution
17.	Prof. (Ms.) Chen Jing (China)	2021		•			
18.	Dr. Liu Jing - Young Professional (China)	2021	•				
19.	Mr. Mohamad Radzi Bin Abdul Talib (Malaysia)	2022					
20.	Dr. Khumbulani Dhavu (South Africa)	2022				•	
21.	Dr. Hwa-Lung Yu (Chinese Taipei Committee)	2022				•	
22.	Dr. Sheng-Wei Wang (Chinese Taipei Committee)	2022			•	•	

Sl. No.	Members	Member from (Year)	2021		2022		Remarks
			Self	Contributed	Self	Contributed	
23.	Secretary General, ICID		# <sup>2</sup>				
<b>Permanent observers</b>							
(i)	VPH Ian Makin (UK)	2015	•				
(ii)	VPH Hafied Gany (Indonesia)	2015	•				

**B. New nomination received from the National Committee**

No.	Name	Country	Remarks
1	Ms. Özlem YILDIZ	Turkey	Recommended as a member, subject to her presence else a provisional member



<sup>2</sup> Represented



**ROAD MAP TO ICID VISION 2030 – ALLOCATION OF TASKS**

Goal/ Strategies	Activities	Outcomes/ Outputs	Responsible person
<b>Goal A: Enable higher crop productivity with less water and energy</b>			
<b>A1. Strategy:</b> Modernizing irrigation systems	1.1 Develop a program for introducing standards for irrigation systems	Standards for Irrigation and Drainage	Dr. Sheng-Wei WANG
	1.2 Report or case studies on recent developments in Irrigation Drainage Management	Case studies Presented in WG meetings	Dr. Narges ZOHRABI Mr. Ahmet SEREN
<b>A6. Strategy:</b> Improving performance of irrigation systems	6.1 Investigating and providing information on the positive amenities, services and goods provided by irrigation systems (in consultation with WG-ENV)	Technical Report	Dr. K SHIMIZU
	6.7 Identify drivers and social resistances within the systems to improve Irrigation management	Report	Mr. Ahmet SEREN Mr. Ian MAKIN (to assist)
<b>Goal B: Be a catalyst for change in policies and practices</b>			
<b>B1.Strategy:</b> Support the development of appropriate policies	1.14 Report on South-South cooperation for capacity development in the field of irrigation management	Report	Ms. M.Jean GABRIEL
<b>B3. Strategy:</b> Integrated Irrigation and Drainage Management	3.1 Assess methods and develop guidelines on relevant water balance approach	Guidelines	Dr. Amgad ELMAHDI Mr. Ian MAKIN (to assist)
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>			
<b>C1.Strategy:</b> Providing knowledge sharing platform for AWM professionals	1.3 Organize Workshop, Seminar and Symposium on Water Balance Approach	Proceedings	Dr. Amgad ELMAHDI
<b>C4.Strategy:</b> Compile, Collate and Share Knowledge and Experiences	4.9 Condensed overview of existing documents and practical examples on water balance approach	Technical Report	Ms. M.Jean GABRIEL
	4.17 Overview paper on the Irrigation Development for publication in Irrigation and Drainage (IRD)	Technical Paper	Dr. Sheng-Wei WANG
<b>Goal D: Enable Cross Disciplinary and Inter-Sectoral Engagement</b>			
<b>D2. Strategy:</b> Developing Technical Documents in Non-technical Language	2.3 Investigating and documenting the social and economic impacts of irrigation systems	Technical report	Dr. Akie MUKAI
<b>GOAL E : Encourage Research and Support Development of Tools to Extend Innovation into Field Practices</b>			
<b>E6. Strategy :</b> Dissemination of Useful Research Outputs	6.2 Investigate and report on state of research, barriers or locks and promising paths in the field of irrigation management	Technical report	Prof. LB ROY





**AGENDA FOR THE 8<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON WATER SAVING IN IRRIGATED AREAS (WG-WATS)**

06 November 2023, 09:30-11:00 hours (Session I) and 11:30-13:00 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Schemes**

**Presented by the Chair**

**Year of Establishment: 2015**

**Completion of the Mandate: 2023**

**Scope:** (a) water accounting and irrigation auditing (and other ancillary uses); (b) irrigation water measuring devices; (c) assessment of water loss in various components of irrigation systems; (d) various methods and techniques used for water saving in irrigation; (e) policies and strategies for irrigation water saving; (f) charging for Irrigation Services; (g) success stories and best management practices in water saving; (h) tools and processes applied in irrigation water saving; (i) outreach of water saving technologies; and (j) WatSave Awards.

**Webpage:** [http://icid-ciid.org/inner\\_page/108](http://icid-ciid.org/inner_page/108)

**WG-WATS Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held in November 2021.
2. In 2023, the Chinese Taipei Committee (CTCID) nominated Dr. Shao-Yiu Hsu while the Turkish National Committee on Irrigation and Drainage (TUCID) nominated Dr. (Ms.) Derya Coşkun and Mr. Egemen Gürsoy (Turkey) for the membership of the working group.
3. During the virtual meeting on 16 February 2023, the group accepted Dr. Mohamed El-Hagarey (Egypt) as Secretary of the WG. Dr. Shao-Yiu Hsu (Chinese Taipei Committee) attended the virtual meeting on 16 February and introduced himself while Mr. Egemen Gürsoy (Turkey) attended the virtual meeting on 25 July 2023.
4. VPH Dr. M. Hassan Amer (Egypt), Mr. Abijit Joshi – Direct Member, Jain Irrigation Systems Limited (JISL), Dr. Ashfaq Ahmed Sheikh (Pakistan), Prof. Michele Perniola (Italy), Eng. (Ms) Hala Ramadan El-Sayed Ismail (Egypt) have not contributed to the activities of the working group during the last two years.
5. Chair in consultation with the Vice Chair, Secretary of the WG, and the Central Office has updated the membership of the WG as given in **Annex 1** (*refer electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt with suitably after the meeting.

**WG-WATS Agenda Item 2: Brief of the virtual meeting organized in 2023**

6. The first virtual meeting of WG-WATS was organized on 16 February 2023 while the second virtual meeting was organized on 25 July 2023. During the virtual meetings, Chair discussed various activities being undertaken by the WG as part of the Road Map to ICID Vision 2030, publication of the WG, organization of the internal workshop, etc. Minutes of the virtual meetings of all work body have been uploaded on a dedicated webpage - [https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152) Chair will provide further updates at the meeting.

**WG-WATS Agenda Item 3: Road Map to ICID Vision 2030 - Status of activities on water saving in irrigated areas**

7. The group discussed the Road Map to ICID Vision 2030 with the members and updated it (*refer to Annex 2*). During the virtual meeting, Chair encouraged working group members to give a webinar and organize training courses with the scope of the working group in coordination with the ICID Central Office in New Delhi. Chair will provide further updates on activities as per the Roadmap.

**WG-WATS Agenda Item 4: Preparation of Internal workshop in November 2023 at Vizag, India**

8. During the virtual meeting on 25 July, the Chair and Dr. Mohamed El-Hagarey made a presentation on two topics for the internal workshop, the first one on 'Evaluation of the sprinkler irrigation systems' and the second one

<sup>1</sup> This will also include details of membership of WG as **Annex**

on 'Save irrigation water and nutrients using the innovative machine and water management for rice crop cultivation (SWMR)'. Coordination will be made later with the ICID Central Office regarding the administrative matters of the workshop. Chair/Vice-Chair/Secretary of the working group forms the informal review committee. The Chair and Dr. Mohamed El-Hagarey showed their interest in preparing two scientific papers for the internal workshop.

9. Chair invited the WG members to prepare and submit scientific papers/ experiences for an internal workshop. The duration of the internal workshop is about 90 minutes (one-and-a-half hours) and takes place within the timeslot allotted for the WG meeting. Chair will provide further updates at the meeting.

**WG-WATS Agenda Item 5: The Survey on Water Charging Policies**

10. During the virtual meeting on 25 July, the chair prepared a presentation on the results of the survey, National Committees filled out this survey were China, France, Somalia, the United States, and Iraq (reviewing the reality of Water Charging Policies). Dr. Mohamed El-Hagarey presented the presentation to the audience.

11. During the virtual meeting in February 2023, the chairman and the members present suggested that the ICID Central Office remind the National Committees once again with a request to complete the survey. Accordingly, in March 2023, the ICID Central Office circulated the technical framework "Agricultural Water Charging" to all NCs and requested them to submit the completed content to finalize the report. Chair will provide further updates at the meeting.

**WG-WATS Agenda Item 6: Presentation by the WatSave Award winner(s)**

12. During the virtual meeting in February 2023, Chair provided an overview of the WatSave Annual Award and encouraged representatives of the National Committees to apply for this year. During the virtual meeting on 25 July, the Chair shared a brief of WatSave Award Winners for the year 2022. After discussion, it was proposed that coordination will be made with the ICID Central Office for this year 2023 to invite the upcoming winners to make a presentation of their work in November 2023 at Vizag, India. Chair will provide further updates at the meeting.

**WG-WATS Agenda Item 7: Dissemination of activities of WG – Website of the group**

13. During the virtual meetings, the group noted that the WG website ([https://icid-ciid.org/inner\\_page/119](https://icid-ciid.org/inner_page/119)) has been updated with the membership list, agenda, minutes, paper presentations, publications, etc. Chair requested members for their active participation in the activities of the WG and facilitate exchange of information, knowledge, and experience, as well as networking on the topic in order to keep themselves up-to-date with new developments in the various aspect of water saving.

14. Chair requested members to provide information, papers, and presentation made on topics related to the scope of work of the WG to the ICID Central Office for uploading on the website of the WG. Members may like to discuss and evolve the methodology for sharing information and updating of WG website.

**WG-WATS Agenda Item 8: Updating Multilingual Technical Dictionary (MTD)**

15. During the virtual meeting in July 2023, Chair informed that the Multilingual Technical Dictionary (MTD) is an e-dictionary of all technical terms related to irrigation, drainage, flood management, environment, river training, and allied disciplines of the water sector. Any term/ definition can be printed/copied with the option to download/update of terms from the ICID website. The MTD enriches the process of sharing and exchange of experiences and has proven to be highly useful for engineers, researchers, students, professionals, planners, designers, academics, and all others related to the field of irrigation and drainage. Chair requested members to review the MTD terms related to the mandate of the group and provide their views/suggestions (<https://icid-ciid.org/mtd/display.php?lang=en>)

**WG-WATS Agenda Item 9: ICID Members' Profile Section**

16. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**WG-WATS Agenda Item 10: World Irrigation and Drainage Schemes (WI&DS)**

17. ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on “World Irrigation and Drainage Schemes (WI&DS)”. WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

**WG-WATS Agenda Item 11: Any other business**

18. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandates. With consultation of PCTA, PCSO, Secretary General of ICID, and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-WATS has been included in theme 1 (Irrigation and Drainage Water Management) and proposed to be integrated with WG-SON-FARM. WG Chair will provide further updates during the meeting. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.



**A. Members and their attendance at 2021, 2022, and 2023 (virtual) meetings**

Sl. No.	Members	Member from (Year)	2021		2022		Attended virtual meetings in 2023	Remarks
			Self	Contributed	Self	Contributed		
1.	VP Engr. Rafat Nael Abdulghani Al-Intaki, Chair (Iraq)	2020	•	•	•		•	
2.	VPH Adama Sangare, Vice Chairman (Mali)	2015		•				
3.	Dr. Mohamed ElHagarey, Secretary (Egypt)	2018		•		•	•	
4.	VPH M. Hassan Amer (Egypt)	2015						No contribution, recommended for discontinuation after the India meeting if no contribution
5.	Dr. P. Soman – Direct Member, Jain Irrigation Systems Limited (JISL)	2015		•			•	
6.	Mr. Abijit Joshi – Direct Member, Jain Irrigation Systems Limited (JISL)	2015						No contribution, recommended for discontinuation after the India meeting if no contribution
7.	Ms. Jianxin Mu (China)	2016				•	•	
8.	Mr. Yalçın Dalgin (Turkey)	2016		•				
9.	Dr. Ashfaq Ahmed Sheikh (Pakistan)	2017						No contribution, recommended for discontinuation after the India meeting if no contribution
10.	Prof. Michele Perniola (Italy)	2017						No contribution, recommended for discontinuation after the India meeting if no contribution
11.	Dr. Tasuku Kato (Japan)	2018	•			•	•	
12.	Dr. Ray-Shyan Wu (Chinese Taipei Committee)	2018	•		•		•	
13.	Eng. (Ms) Hala Ramadan El-Sayed Ismail (Egypt)	2018						No contribution, recommended for discontinuation after the India meeting if no contribution
14.	Mr. Isomiddin Akramov, (Uzbekistan)	2019	•					
15.	Ir. Felipe Dantas (Australia)	2019		•				
16.	Dr. Man Singh (India)	2021				•		
17.	Dr. Deepak Khare (India)	2021		•			•	
18.	Dr. Muhammad Ashraf (Pakistan)	2021		•				
19.	Prof. Qi Xuebin (China)	2021	•			•	•	
20.	Prof. Gu Tao (China)	2021	•	•				
21.	Dr. Yujiang Xiong – Young Professional (China)	2021	•	•				

Sl. No.	Members	Member from (Year)	2021		2022		Attended virtual meetings in 2023	Remarks
			Self	Contributed	Self	Contributed		
22.	Ir. Wan Noorul Hafilah Binti Wan Ariffin (Malaysia)	2022			•	•	•	
23.	Dr. Khumbulani Dhavu (South Africa)	2022				•		
24.	Secretary General, ICID		# <sup>2</sup>					
	<b>Permanent Observers</b>							
(ii)	IWMI Representative	2015						
(iii)	FAO Representative	2015						

**B. New nominations received from the National Committee/ Committee**

#	Name	Country	Remarks
1	Dr. Shao-Yiu Hsu	Chinese Taipei Committee	Recommended as a member, as he attended the virtual meetings in February and July 2023
2	Dr. (Ms.) Derya Coşkun	Turkey	Recommended as a member, subject to her presence else a provisional member
3	Mr. Egemen Gürsoy	Turkey	Recommended as a member, as he attended the virtual meeting in July 2023



<sup>2</sup> Through representation



**Annex 2 [Appendix XXVIII, Item 3]**

**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORKBODIES**

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023
<b>GOAL A: ENABLE HIGHER CROP PRODUCTIVITY WITH LESS WATER AND ENERGY</b>								
<b>A3. Strategy:</b> Improving water saving techniques and technologies	3.1 Support Watsave award winner selection	Awards	Presenting Annual Watsave Awards	Presenting Annual Watsave Awards	Presenting Annual Watsave Awards	Presenting Annual Watsave Awards	Presenting Annual Watsave Awards	Presenting Annual Watsave Awards
	3.2 Best Practices and Successful Story on Water Saving	Documents	Announcing annually for Watsave awards and selecting successful stories	Announcing annually for Watsave awards and selecting successful stories	Announcing annually for Watsave awards and selecting successful stories	Setting up 10 years respective work as the documents and release by CO (2010 -2020)		
<b>GOAL B: BE A CATALYST FOR CHANGE IN POLICIES AND PRACTICES</b>								
<b>B1. Strategies:</b> Supporting development of appropriate policies	1.3 Disseminate the water saving award technologies	Workshop proceedings						
	1.4 Policy and legal approaches to Water Saving	Policies/ Document	-Workshop -Designing and preparing questionnaire to collect data	Collecting and reviewing relevant laws and regulations from NC	Providing first draft	Finalize the book on policies and strategies drives on water saving		
	1.5 Water Charging policies	Position paper	Designing Standard questionnaire	Reviewing Water Charging procedure on NC	Providing first paper	Final Paper		
	1.11 State of the art on water saving	Journal Paper	Preparation of the draft of first paper	Submission of first paper for IRD	Preparation of the draft of second paper	Submission of second paper for IRD		
<b>GOAL C: FACILITATE EXCHANGE OF INFORMATION, KNOWLEDGE AND TECHNOLOGY</b>								
<b>C1. Strategies:</b> Providing knowledge sharing platform for AWM professionals	1.1 Organize Workshop, Seminar and Symposium	Compilation of proceedings	Workshop			Workshop		
<b>C4. Strategy:</b> Compile, collate and share knowledge and experiences	4.8 Condensed overview of existing key books, manuals, guidelines and other relevant publications on water saving	Technical report	Release the first report		Release the second report	Release of third report		

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)





**AGENDA FOR THE 5<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON RAIN WATER HARVESTING (WG-RWH)**  
05 November 2023, 14:00-15:30 hours (Session I) and 16:00-17:30 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India  
**Strategy Theme: Scheme**  
**Presented by the Chairman**

**Year of Establishment: 2018**

**Completion of the Mandate: 2024**

**Mandate:** (a) Promote rainwater harvesting as a natural, local, and efficient source of water in accordance with the key principles of Rainwater Harvesting; (b) Conduct research and provide advice from a range of disciplines: rainwater harvesting, irrigation and agricultural practices including water management, land use planning, policy environments, and stormwater management; (c) Provide Rainwater Harvesting Codes of Practice suitable for urban and agricultural water use.

**Webpage:** [http://icid-ciid.org/inner\\_page/120](http://icid-ciid.org/inner_page/120)

**WG-RWH Agenda Item 1: Action taken report by the Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held in Adelaide in October 2022.
2. In July 2023, Chair Geoff Harvey informed President Dr. Ragab that he would be resigning from the Chairmanship of the WG and ready to hand over the position to interested professionals. The group may like to discuss the appointment of a new Chair during the meeting.
3. In January 2023, the Chinese Taipei Committee (CTCID) nominated Dr. Yuan-Chien Lin and Dr. Shu-Yuan Pan for membership of the working group. Similarly, in December 2022, the Turkish National Committee (TUCID) nominated Mr. Ahmet Gökberk Kurmuş and Mr. Hasan Burak Yalçın for membership of the group.
4. Mr. Warren Helgason (Canada), Dr. Ratan Chand Jain (India), Mr. Bashu Dev Lohanee (Nepal), Ms. Mary Jean Gabriel, Chair, WG-IDM (South Africa), and Dr. Puspa Raj Khanal (FAO) have not contributed to the activities of the working group during the last two years.
5. The chair in consultation with the ICID Central Office has updated the membership of the WG as given in **Annex 1** (*refer electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt with suitably after the meeting.

**WG-RWH Agenda Item 2: Work plan of the WG and Road Map to ICID Vision 2030 – activities on Rain Water Harvesting**

6. During the Adelaide meeting, the Chair reviewed the Road Map to ICID Vision 2030 and shared the latest updates to PCTA for inclusion (refer to **Annex 2**). A paper on permaculture as a cross-disciplinary framework and catalyst for change for drainage irrigation was presented at the meeting. Similarly, a paper on “Vision and Roles” for rainwater harvesting was also presented. The chair may discuss with the members of the group and update the Road Map to ICID Vision 2030 during the meeting.

**WG-RWH Agenda Item 3: Work jointly with the Working Group on Water Food Energy Nexus on the practice of harvested rainwater utilization**

7. At the Adelaide meeting, the Chair informed the members that the action had not been achieved as yet. During the meeting, it was proposed that the chair would contact the WG-WFE-N and report back to WG-RWH. The chair will provide further updates at the meeting.

**WG-RWH Agenda Item 4: Exchange of information, knowledge & networking**

8. During the Adelaide meeting, the group noted that minimal information had been shared on the website of the WG. It was decided that the chair would contact members of the WG to provide at least one article related to rainwater harvesting. In January 2023, the Central Office requested all members of the group to share reports and

<sup>1</sup> This will also include details of membership of WG as **Annex**

documents related to the mandate of the working group however, the response is awaited. The chair will provide further updates at the meeting.

**WG-RWH Agenda Item 5: Presentation by the working group members**

9. At the Adelaide meeting, the group noted that only FOUR members were present which was disappointing. It was proposed to organize a virtual meeting for discussion of the activities of the group. Accordingly, in November 2022, the ICID Central Office requested the Chair to organize the virtual meeting however, no virtual meeting could be organised. The chair will provide further updates at the meeting.

**WG-RWH Agenda Item 6: ICID Members' Profile Section**

10. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One newly added web feature provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**WG-RWH Agenda Item 7: World Irrigation and Drainage Schemes (WI&DS)**

11. ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by the National Committee/ ICID Central Office for inclusion are entitled to Certification. The chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world, especially in their respective countries to contribute to the register. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

**WG-RWH Agenda Item 8: Any other business**

12. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandates. With consultation of PCTA, PCSO, the Secretary General of ICID, and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change and Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-RWH has been included in theme 2 (Natural Resources Management) which is proposed to be integrated with two working groups namely: WG-AFM and WG-MWSCD. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.

13. Members may like to discuss the new structure of the working group and the WG Chair will provide further updates during the meeting.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.

**A. Members and their attendance at 2021 and 2022 meetings**

Sr. No.	Members	Member From (Year)	2021		2022		Remarks
			Self	Contributed	Self	Contributed	
1.	Mr. Geoff Harvey, Chair (Australia)	2019	•		•	•	
2.	Mr. Michael Smit (Australia)	2019	•		•		
3.	Mr. Warren Helgason (Canada)	2019					No contribution, recommended for discontinuation after the India meeting if no contribution
4.	Dr. A.K. Randev, Chairman, WG-SON-FARM (India)	2019	•			•	
5.	Dr. Ratan Chand Jain (India)	2019					No contribution, recommended for discontinuation after the India meeting if no contribution
6.	Prof. (Ms.) Elena Bresci (Italy)	2019				•	
7.	VP Mr. Hisham Ghazali (Malaysia)	2019	#		#		
8.	Mr. Bashu Dev Lohane (Nepal)	2019					No contribution, recommended for discontinuation after the India meeting if no contribution
9.	Ms. Mary Jean Gabriel, Chair, WG-IDM (South Africa)	2019					No contribution, recommended for discontinuation after the India meeting if no contribution
10.	President Dr. R. Ragab, Chairman, WG-WFE-N (United Kingdom)	2019				•	
11.	Dr. Puspa Raj Khanal (FAO)	2019					No contribution, recommended for discontinuation after the India meeting if no contribution
12.	Dr. Vinod Kumar Tiwari - Director Member, MWRRA (India)	2020		•			
13.	Dr. Alok Sikka (IWMI)	2020			•		
14.	VP Dr. Ding Kunlun (China)	2021	•		•		
15.	Prof. Dato' Dr. Nor Azazi Bin Zakari (Malaysia)	2022					
16.	Secretary General, ICID		# <sup>2</sup>				

**B. New nominations received from the National Committee/ Committee**

No.	Name	Country	Remarks
1	Dr. Yuan-Chien Lin	Chinese Taipei Committee	Recommended as a member, subject to his presence else a provisional member
2	Dr. Shu-Yuan Pan	Chinese Taipei Committee	Recommended as a member, subject to his/ her presence else a provisional member
3	Mr. Ahmet Gökberk Kurmuş	Turkey	Recommended as a member, subject to his presence else a provisional member
4	Mr. Hasan Burak Yalçın	Turkey	Recommended as a member, subject to his presence else a provisional member



<sup>2</sup> Represented

**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES**

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024
<b>Goal 1: Enable higher crop productivity with less water and energy</b>	WG Activity 1.1							
<b>Goal 2: Be a catalyst for change in policies and practices</b>	WG Activity 2.1		Inaugural meeting work plan	Position standard	Innovation celebration			
<b>Goal 3: Facilitate exchange of information, knowledge and technology</b>	3.1 Organize international workshop, seminar or symposium	First workshop	Work plan	Collect codes and legislation	Videos on best practices	Presentation	Presentation	Presentation
<b>Goal 4: Enable cross disciplinary and inter- sectoral engagement</b>	WG Activity 4.1		Work plan	Work with WG-WFE- N	Training modules	Work with WG-WFE-N	Work with WG-WFE-N	Work with WG-WFE-N
<b>Goal 5: Encourage research and support development of tools to extend innovation into field practices</b>	WG Activity 5.1					Prepare and submit article	Prepare and submit article	Prepare and submit article
<b>Goal 6: Facilitate capacity development</b>	WG Activity 6.1						Organize virtual meeting	



**AGENDA FOR THE 4<sup>th</sup> MEETING OF  
WORKING GROUP ON LAND DRAINAGE (WG-LDRG)**

06 November 2023, 14:00-15:30 hours (Session I) and 16:00-17:30 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Scheme**

**Presented by the Chair**

**Year of establishment: 2020**

**Completion of the mandate: 2026**

**Mandate:** (a) To promote drainage as part of integrated water resources management. In this regard exchange of information, knowledge and experience among the WG members in order to be up to date with new developments, methods and approaches. Prepare and present reports and/or case studies on recent developments in the countries that are represented in the WG; organize international drainage workshops; (b) To collect and review manuals, guidelines, codes of practice and standards on drainage schemes of various countries and prepare universal draft standards; (c) To promote sustainable approaches for drainage and related projects through a balanced integration of environmental, economic, social and cultural aspects. In this regard nonconventional drainage methods such as bio-drainage, dry-drainage, controlled drainage and reuse of drainage water will be given due attention; (d) To prepare an overview paper on the state of the art on the topic for publication in Irrigation and Drainage (IRD); (e) To hold drainage conferences and workshops with collaboration of NCs and close collaboration to hold two International Drainage workshops (14<sup>th</sup> and 15<sup>th</sup> IDW); (f) Collecting data of the World Drained Area and keep it updated through WG members and NCs information according to Goal E, Strategy E5 (Compilation of Global Data Sets on Irrigation and Drainage), Clause 5.3 (Datasets for Drainage Area) of Road Map of ICID Vision 2030.

**Website:** [https://icid-ciid.org/inner\\_page/146](https://icid-ciid.org/inner_page/146)

**WG-LDRG Agenda Item 1: Action taken report by Chair<sup>1</sup>**

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held in October 2022.
2. In May 2023, the Pakistan National Committee (PANCID) nominated Engr. Asghar Ali Halepoto, Engr. Abdul Haleem Memon, and Engr. Ghulam Rasool (as an Observer) for the membership of the group. In April 2023, the Zambia National Committee of ICID (ZACID) nominated Mr. Davies Mulenga Sampa for membership of the group. In February 2023, the Tajikistan National Commission on Irrigation and Drainage (TajNCID) nominated Mr. Sharif Mahmudov for membership of the WG. Similarly, in December 2022, the Turkish National Committee on Irrigation and Drainage (TUCID) nominated Dr. Bilge Omar and Mr. İzzet Nazmi Eyüboğlu for membership of the group.
3. During the virtual meeting on 24 August 2023, President Hon. Peter Lee (UK) informed the group that Mr. Peter Johnson had retired so a new nomination may be invited. Similarly, during the virtual meeting on 17 May 2023, Mr. Sharif Mahmudov (Tajikistan), Mr. Davies Mulenga Sampa (Zambia), and Olle Häggblom (Finland) participated and introduced themselves. During the virtual meeting on 19 January 2023, the Chair requested Dr. Deepak Khare (India) to be the Secretary of the group and it was accepted by Dr. Khare. Similarly, Dr. Sasha Koo-Oshima was accepted as a Permanent Observer from the FAO. Dr. Evan Christen (Australia) was accepted as a member. Mr. Olle Häggblom (Finland) was accepted as a member, who would replace Ms. Helena Aijo.
4. The group may like to discuss the appointment/selection/replacement of the Vice Chair for WG-LDRG as there is no correspondence from him. Chair in consultation with the Vice Chair, Secretary of the WG, and the Central Office has updated the membership of the WG as given in **Annex 1** (refer to the *electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt with suitably after the meeting.

**WG-LDRG Agenda Item 2: Brief of the virtual meetings organized in 2023**

5. The group organized virtual meetings on 19 January, 17 May, and 24 August 2023 and discussed various activities being undertaken by the WG as part of the Road Map to ICID Vision 2030, publication of the WG, organization of the workshop, work plan, etc. Minutes of the virtual meetings of all work body have been uploaded on a dedicated webpage - [https://icid-ciid.org/inner\\_page/152](https://icid-ciid.org/inner_page/152). The chair will provide further updates at the meeting.

<sup>1</sup> This will also include details of membership of WG as **Annex**

**WG-LDRG Agenda Item 3: Road Map to ICID Vision 2030 – Status of activities on drainage**

**WG-LDRG Agenda Item 3.1: Progress on the publication of dry drainage**

6. During the virtual meeting on 19 January 2023, the Chairman discussed the issues related to the publication on dry drainage. President Dr. Ragab Ragab (UK) explained the idea of the publication. At the meeting, the group suggested ICID Central Office to contact Prof. Wang Shaoli (China) and Mr. John Gowing of Silsoe (UK) and request them for the publication of dry drainage. In response, Dr. Ragab mentioned that John Gowing is at Newcastle University and Dr. Ragab will contact him. He also mentioned that Melvin Kay may have the required information and he will contact him too. Prof. Wu Jingwei (China) offered to provide a paper on dry drainage in the month of June/July 2023. In August 2023, Dr. Vlotman contacted Prof. Jingwei and requested him to send a draft copy of the paper. The chair will provide further updates at the meeting.

**WG-LDRG Agenda Item 3.2: Work plan of the working group**

7. Based on the available information, the Chair Dr. Willem Vlotman prepared the rolling work plan, and the same is attached as **Annex 2**. All participants are requested to give their inputs and commitments to actions indicated as well as propose work items, and name of the lead persons. During the virtual meeting, nobody had any suggestions, but later during the meeting topics/work items were identified. The table has been updated accordingly. The chair will provide further updates at the meeting.

**WG-LDRG Agenda Item 4: Updating database on ‘Drained area in the world’**

8. During the virtual meetings, the group discussed and reviewed the updated database of drainage areas which is available at [https://icid-ciid.org/icid\\_data\\_web/World-drained-areas.pdf](https://icid-ciid.org/icid_data_web/World-drained-areas.pdf). Members are once again requested to share the latest drained area in consultation with their National Committee/ Committee to Central Office for updating it on the ICID website. The latest compilation will be presented in ICID’s annual report, which is being prepared currently.

**WG-LDRG Agenda Item 5: Updating Multilingual Technical Dictionary (MTD)**

9. WG members may like to discuss the issue of updating of Multilingual Technical Dictionary (MTD) terms related to the mandate of the WG during the meeting - <https://icid-ciid.org/mtd/display.php?lang=en>

**WG-LDRG Agenda Item 6: ICID Members' Profile Section**

10. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

**WG-LDRG Agenda Item 7: World Irrigation and Drainage Schemes (WI&DS)**

11. ICID has taken the initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on “World Irrigation and Drainage Schemes (WI&DS)”. WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by the National Committee/ ICID Central Office for inclusion are entitled to Certification. The chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world, especially in their respective countries to contribute to the register. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.

**WG-LDRG Agenda Item 8: International Workshop on the State of Drainage Worldwide, November 2023, Vizag, India**

12. International Workshop on the State of Drainage Worldwide will be held on 02 November 2023. Twelve abstracts have been received by 01 July 2023. So far, eight full-length papers have been received from the authors for the workshop. During the virtual meeting on 24 August 2023, Chair Dr. Willem Vlotman informed the WG members that in case he is not able to attend the Vizag meeting he requested President Hon. Prof. Bart Schultz to chair the Workshop in Vizag for which he kindly accepted it. Chair/ Prof. Bart Schultz will provide further updates at the meeting.



**WG-LDRG Agenda Item 9: 14<sup>th</sup> International Drainage Workshop (IDW) in 2024, Tajikistan**

13. The Tajikistan National Commission on Irrigation and Drainage (TajNCID) is organizing the 14th International Drainage Workshop (IDW) on “Modernization of irrigation and drainage systems for adaptation to climate change and sustainable development” in Dushanbe, Republic of Tajikistan. TajNCID is developing the website in consultation with ADB which is expected to be launched soon. During the virtual meeting on 24 August 2023, Mr. Sharif Mahmudov from the Tajikistan National Commission on Irrigation and Drainage (TajNCID) informed the group that the workshop will be held from May 30 to June 1, 2024. Mr. Sharif will provide further updates at the meeting.

**WG-LDRG Agenda Item 10: Any other business**

14. **Restructuring of the Working Group:** At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandates. With consultation of PCTA, PCSO, the Secretary General of ICID, and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change and Water Scarcity (Medium to Long-term Activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-LDRG has been included in theme 1 (Irrigation and Drainage Water Management). A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.

15. **Webinar:** The webinar on “Towards the utilization of agricultural drainage benefits for facing the future challenges and achieving sustainability” was organized on 29 September 2023. Prof. Bart Schultz (The Netherlands), Prof. Chandra A. Madramootoo (Canada), and Dr. Willem F. Vlotman (Australia) were the Speakers while Dr. Mohamed Wahba was the Moderator. The chair/ Prof. Dr Bart Shultz will provide further updates at the meeting.

16. During the Adelaide meeting, Prof. Bart Schultz (Netherlands) gave a brief overview of the status of Polders in the World - Polders Website. Prof. Bart informed that he has most polders in the world identified and he will now try to get more technical data on each. Prof. Bart asked all members of the WG-LDRG to assist with this activity; i.e. information on drainage and flood protection of those areas. Prof. Bart Schultz will provide further updates at the meeting.

17. At the Adelaide meeting, Evan Christen (Australia) indicated that he has collected a number of papers on Bankless channels. In August 2023, Chair Dr. Vlotman contacted Evan Christen and requested to share more information on Bankless channels however, the response is awaited. Mr. Evan Christen will provide further updates at the meeting.



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.



**A. Members and their attendance at 2021, 2022, and virtual meetings**

No.	Members	Member from (Year)	2021		2022		Participated in 2023 virtual meetings	Remarks
			Self	Contributed	Self	Contributed		
1.	Vice President Hon. Dr. Willem F. Vlotman, Chair (Australia)	2022			•	•	•	
2.	Dr. Momon Sodik Imanudin, Vice Chairman (Indonesia)	2021			# <sup>2</sup>			
3.	Dr. Deepak Khare (India)	2021				•	•	Appointed as Secretary during virtual meeting on 19 January 2023
4.	Mr. Fazal Rehman Kashif (Pakistan)	2021	•			•		
5.	Ms. Wang Shaoli (China)	2021	•			•	•	
6.	Prof. Wu Jingwei (China)	2021	•			•	•	
7.	Dr. Tao Yuan - Young Professional (China)	2021	•			•	•	
8.	Dr. Luo Wenbing - Young Professional (China)	2021				•	•	
9.	Dr. Hao-Che Ho (Chinese Taipei Committee)	2021				•	•	
10.	Prof. Cheh-Shyh Ting (Chinese Taipei Committee)	2021						
11.	Eng. Mohamed Saleh El-Basyony (Egypt)	2021						
12.	Eng. Maiada Mohamed Anwar (Egypt)	2021				•		
13.	Eng. Dina Mahmoud Mohamed Ali - Young Professional (Egypt)	2021						
14.	Dr. Gehan Abdel Hakeem Sallam (Egypt)	2021	•			•	•	
15.	Mr. Mati Tonismae (Estonia)	2021						
16.	Dr. Gurbachan Singh (India)	2021						
17.	Prof. LB Roy – Direct Member (India)	2021	•		•	•	•	
18.	Dr. Ratan Chand Jain (India)	2021						
19.	Mr. Ardavan Azari (Iran)	2021	•			•	•	
20.	Mr. Ammar Al-Khafaji (Iraq)	2021	•				•	
21.	Dr. (Ms.) Naoko Koshiyama (Japan)	2021	•		•	•	•	
22.	Dr. Natsuki Yoshikawa (Japan)	2021	•				•	
23.	Ir. Mohd Anuar Musardar bin Yusoff (Malaysia)	2021	•			•	•	
24.	Dr. Yurii Yanko (Russia)	2021						
25.	Prof. Aidan Senzanje (South Africa)	2021				•	•	
26.	Dr. Bancha Kwanyuen (Thailand)	2021	•			•	•	
27.	Mr. Ekasit Kositsakulchai (Thailand)	2021	•			•	•	
28.	Dr. Peter Johnson (United Kingdom)	2021						Retired - to be replaced

<sup>2</sup> Through representation

No.	Members	Member from (Year)	2021		2022		Participated in 2023 virtual meetings	Remarks
			Self	Contributed	Self	Contributed		
29.	Dr. Mangliyev Abdukhalil Abdusattorovich (Uzbekistan)	2021						
30.	Dr. Evan Wilfred Christen (Australia)	2022			•			
31.	Mr. Olle Häggblom (Finland)	2022					•	
	<b>Permanent Observer</b>							
(i)	Dr. Sasha Koo-Oshima (FAO)	2022					•	

#### B. New nominations received from the National Committees

Sr. No.	Name	Country/ Organization	Remarks
1	Engr. Asghar Ali Halepoto	Pakistan	Recommended as a member, subject to his presence else provisional member
2	Engr. Abdul Haleem Memon	Pakistan	Recommended as a member, subject to his presence else provisional member
3	Engr. Ghulam Rasool	Pakistan	Recommended as an Observer
5	Mr. Sharif Mahmudov	Tajikistan	Recommended as a member as he attended the virtual meetings on 24 August and 17 May 2023
6	Dr. Bilge Omar	Turkey	Recommended as a member as he attended the virtual meetings on 24 August, 17 May, and 19 January 2023
7	Mr. İzzet Nazmi Eyübođlu	Turkey	Recommended as a member as he attended the virtual meetings on 24 August and 19 January 2023
8	Mr. Davies Mulenga Sampa	Zambia	Recommended as a member as he attended the virtual meetings on 24 August and 17 May 2023



**THREE-YEAR ROLLING PLAN OF THE WORKING GROUP ON LAND DRAINAGE (Mandate till 2026)**

**To be updated after every WG-LDRG meeting (virtual or in-person meeting)**

Particulars/Mandate/Subject	Actor(s)	2023 Meeting no	2024 Meeting no	2025 Meeting no
Drained Areas in the World	Central Office	4, 6	8, 10	12, 14
Multi Technical Dictionary	Central Office	5, 7	9, 11	13, 15
Presentations during WG-LDRG meetings	Members and Permanent Observers, Chairman, and Central office to follow up	7 - 74th IEC, Vizag	10 - 75th IEC, Sydney. Sep 01, 2024 - Sep 07, 2024	14 - 76th IEC Kuala Lumpur. Sep 07, 2025 - Sep 13, 2025
Country papers: - Finland - Australia - ...	Nat. Com., Members and Observers: - Olle Häggblom - Willem Vlotman, IAL	4, 5, 6, 7 - M5 rec'd - M7	8, 9, 10, 11	12, 13, 14, 15
Drainage Workshop Vizag	Willem F. Vlotman, Central Office	7 Vizag	-	-
International Drainage Workshop IDW14 Tajikistan	Mr. Sharif Mahmudov (Dr. Bahrom Caforzoda, Secretary TajNCID)	5, 6, 7 (Vizag)	9 (IDW14)	-
Future IDWs; i.e IDW15, etc.	Members and Permanent Observers*	-	10	14
Bankless Irrigation and effect on drainage; discussion paper and journal paper	Evan Christen	6	10	
Paper on dry drainage	Jingwei Wu, Wuhan University	6, 7		
Capiphone drain, information paper	Willem F. Vlotman, Geoffrey Fenn	7	10	
Paddy field drainage, information paper	Dr. (Ms.) Naoko Koshiyama (Japan)	7		
Regulated drainage of peat lands	Olle Häggblom, Bart Schultz	7***	8	
Rock drainage	Peter Lee	6 ✓		
Hydroluis drain	Dr. (Ms.) Bilge Omar and others	7 - 74th IEC, Vizag		





**AGENDA FOR THE 8<sup>TH</sup> MEETING OF THE  
SUB-COMMITTEE ON THEMES, TOPICS AND WORK PLANS OF  
FUTURE ICID EVENTS (SC-E-THEMES)**

03 November 2023: 11.30 – 13.00 Hours  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Terms of Reference (ToR):** (i) To deliberate and recommend the Themes, sub-themes of World Irrigation Forums and Theme and Questions of future Congresses, (ii) To set out format and technical contents of the Congress and WIFs, (iii) To review the technical outputs and outcomes and suggest follow ups, (iv) To work out the structure of meetings related to IEC, particularly the WGs at the ICID's Annual Events, to make them more effective and (v) To draw Guidelines to make the WG meetings/sessions technically richer and beneficial to the stakeholders and industries by exploring the ways of combining the meetings of workbodies with areas of common interest or holding webinars, etc.

**Members:** (1) PH Dr. Gao Zhanyi, Chair (China, 2017); (2) VP Prof. Dr. Tsugihiko Watanabe, Chair, PCTA (Japan, 2021); (3) Er. Mohamed Bouaam, Member, PCTA (Morocco, 2021); (4) VPH Mr. Franklin E. Dimick, Chair, WG-MWSCD (USA, 2017); (5) VPH Dr. Mohamed Wahba, Chair, WG-CDTE (Egypt, 2017); (6) VPH Mr. Ian W. Makin, Chair, WG-M&R (UK, 2017); (7) VPH Dr. K. Yella Reddy, Member, ITAC-WIF3 (India, 2019); (8) Mr. Momir Vranes, Member, ITAC-24<sup>th</sup> Congress (Australia, 2021); (9) Mr. Cheng Mingzhong, Member, ITAC-WIF4 (China, 2021), (10) VPH Waseem Nazir (Pakistan, 2017); (11) Dr. Alok Sikka (IWMI Representative, 2021) and (12) Er. Ashwin B. Pandya, Secretary General, ICID.

**Sub-Committee Agenda Item 1: ATR on the Minutes of the 8<sup>th</sup> Meeting of Sub-Committee**

1. Last year SC-E-THEMES did not conduct the meeting virtually or physically. Hence no minutes and ATR thereon to consider.

**Sub-Committee Agenda Item 2: To review the membership of the Sub-Committee**

2. As per the notification No.15 of 2017 dated 24 November 2017, the Sub-Committee shall consist of the members as per the following composition:

- (a) Technical Experts – one each drawn from ITAC for immediate past and future WIF and Congresses, within the span of six years.
- (b) Two Experts nominated by PCTA.
- (c) Three Experts drawn from Technical Workbodies of ICID
- (d) Chairperson of SC will be nominated from amongst the members, by the President in consultation with Secretary General.
- (e) The membership will be for a maximum of six years and the nominee of ITAC of past Event will be a member for two years after the conclusion of that particular event.
- (f) The membership shall not exceed more than 10 members.

3. As per clause (e) of the membership composition, the membership of the nominee of ITAC for WIF3, Dr. K. Yella Reddy is for two years after the conclusion of WIF3 in Bali in 2019. The Committee desired to have the nominee of MANCID also as a member of the Committee, as and when ITAC for WIF5 is constituted. The Committee suggested that two representatives of international technical partners of ICID as its members and accordingly IWMI should be invited to be a member of the Committee. IWMI has nominated Dr. Alok Sikka as their representative. By the end of 74<sup>th</sup> IEC being held in India in November 2023, PH Dr. Gao Zhanyi, Chair (China, 2017), VPH Mr. Franklin E. Dimick, Chair, WG-MWSCD (USA, 2017), VPH Dr. Mohamed Wahba, Chair, WG-CDTE (Egypt, 2017), VPH Mr. Ian W. Makin, Chair, WG-M&R (UK, 2017), and VPH Waseem Nazir (Pakistan, 2017) will complete their six years term and new Chair and additional members will have to be nominated. Further, it is to inform that WIF4 to be held at Beijing, China in April 2023 has been rescheduled to 2027 as WIF5 due to COVID-19 impact. France NC (AFEID) will be hosting 26<sup>th</sup> Congress so a new member from AFEID will also have to be included in the Committee in addition to member from MANCID who will now be holding WIF4 (earlier WIF5) in 2025. Indian NC (INCID) will be organizing 24<sup>th</sup> Congress and 74<sup>th</sup> IEC at Vishakhapatnam in November 2023 and one member from ITAC for 25<sup>th</sup> Congress will also have to be included as member of the Committee for a term of two years.

4. It may be noted that the present composition of the membership of the Sub-Committee stipulates 10 members only and for allowing extra members as proposed, the composition of the Committee as notified vide Notification No.15 of 2017 dated 24 November 2017 needs to be revisited and revised. The Committee may accordingly revise the composition of its membership to accommodate more members in the Committee as indicated above.

5. The Sub-committee will review the membership based on the above guidelines

**Sub-Committee Agenda Item 3: To work out the structure of meetings related to IEC, particularly the WGs at the ICID's Annual Events, to make them more effective**

6. The Sub-Committee will review the following recommendations and progress made at previous meetings:

- (a) Organize online WebEx meetings prior to the main physical meeting to take care of all routine matters such as attendance, membership issues, publications etc.
- (b) Organize shortened separate physical (face to face) meetings of the WGs for 90 minutes each in place of earlier 180 minutes.
- (c) Organising a series of internal workshops (90 minutes) on the specific items related to the mandate of the working group and combining the outcome of these workshops to produce WG output/Report/Document as appropriate.
- (d) Assign the time bound specific tasks emerging from the mandate of the WG to the members for effective results.
- (e) Restructure the Plenary Session of IEC to allow the chairs/WGs to disseminate the work of their WGs to all stakeholders.

7. ICID Central Office has been requesting Chairs/ Vice Chairs/ Secretaries of workbodies to make full use of web-ex platform for virtual meeting, so as to ensure regular contribution from the WG members as well as to discuss and to initiate follow-up actions emerging from the minutes of the previous WG meeting and to review the progress of the action points. In order to organize the WebEx Meetings, Webinars and e-Discussions, Chairs of the workbodies have been requested to send the 'Expression of Interest' to initiate the process.

8. While reviewing the existing structure of meetings related to IEC, particularly the WGs at the ICID's annual events, to make them more effective, the Sub-Committee observed that the structure of the meetings related to IEC has been well organized effectively and efficiently and the WebEx meetings are organized in the past two years. The Council also at its 72<sup>nd</sup> meeting approved the recommendation of the Sub-Committee to organize three virtual meetings in a year along with one physical (face-to-face) meeting during the annual meetings of ICID, limiting at least one meeting in a quarter of every year. Accordingly, the Chairs of the WBs have been requested to organize the virtual meetings, which resulted in the organization of 27 virtual meetings of ICID WBs (4 meetings of WG-NCWRI; 3 meetings each of the WGs on LDRG, ERWG, CLIMATE; 2 meetings each of the WGs on WATS, ASRWG, M&R; one meeting each of the WGs ENV, CDTE, WWF10, WG-VE, WFE-N, SDTA, SON-FARM, MWSCD).

9. As recommended by the Sub-Committee, the term of Chairpersons and members of WGs is regularly reviewed in order to refresh the members and make WGs more active and effective, as per the provisions in ICID By-laws and Constitution in this regard.

10. While discussing report of PCTA during 73<sup>rd</sup> IEC meeting held on 10 October 2023 held at Adelaide, Australia, on the recommendation of the PCTA the Council approved for setting up of the Task Force to review mandates and outcomes of the WGs and to recommend the new structure and mandates of the WGs in line with the demands of the sector and in consultation with the WG members and Chairs. Accordingly, President, ICID and PCTA Chair in consultation with the WG Chairs has undertaken exercise of reviewing mandate of the WGs, continuation of WGs after completion of the tenure of the WGs etc. and to suggest new structure of the WG. At the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandate. The ICID President in consultation with PCTA Chair, PCSO Chair, Working Group Chairs, the Secretary General of ICID and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups are proposed to be restructured into 11 new working groups under four themes: (1) Irrigation and Drainage (Long-term activities)- WG-IWM&D, WG-NWREP & LDRG; 2. Natural Resources (Medium-term activities) RWH, WG-SCER, WFE-N & IDSST; 3. Climate Change & water scarcity (Medium to long-term activities) - CLIMATE; 4. Sustainable Development (Long-term activities) WG-I&O MVE, HIST & CDTE. The new structure was approved by the 18 WG chairs and the 11 remaining WG chairs after November 2023 adapted their mandates, WG names and created tasks to accommodate the amalgamated outgoing WGs. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.



**Sub-Committee Agenda Item 4: To draw Guidelines to make the WG meetings/sessions technically richer and beneficial to the stakeholders and industries by exploring the ways of combining the meetings of workbodies with areas of common interest or holding webinars, etc. – To finalize the recommendations**

11. The Sub-Committee will review the following recommendations and effects made previously:

- (a) Organize combined meetings of the WGs for the duration of time saved from shortening the separate WG meetings, say of 180 minutes. This combined meeting could be in the shape of workshop/seminar/panel discussion on the common issues emerging from the mandate of the concerned WGs.
- (b) While ICID has four strategy themes i.e. Basin, Knowledge, On-farm and Schemes; 'On-farm' has only two WGs; namely, WG-SON-FARM and WG-NCWRI; which can perhaps come together on trial basis to understand the actual working of the concept and the benefits thereof.
- (c) Webinars (on-line) on the topics/areas of common interest of the concerned WGs could be held during the year.
- (d) A lot of on-line coordination prior to the annual meetings among the Chairs/members would be prerequisite for successful combined meetings (workshop/seminar/panel discussion) at the time of IEC.

12. Based on the observation and outcome of the joint sessions held at Saskatoon, Canada and Bali, Indonesia, during its last meeting in 2021, the Committee opined that it would be useful to organize the joint session of WGs under each strategy theme with the highlight of holistic consideration of WGs' mandate and activities for achieving the objectives of the strategy theme, and to improve the performance of activities of WGs and identify the necessity to setup new WGs under the strategy theme.

13. Last year, the Sub-Committee reviewed and deliberated upon the ways of combining the meetings of workbodies with areas of common interest or holding webinars and prepare to draw Guidelines, based on the implementation and result of the recent activities on organizing the combined meetings of the WGs. The Committee felt that the idea of holding of the joint sessions of the WGs on strategy theme-wise was not a good idea as the mandates of the WGs under ST-ON-FARM, viz. WG-SON-FARM and WG-NCWRI were different. Hence, the Committee recommended that the joint sessions of the WGs shall be based on the topics/ issues of common interest rather than strategy-theme wise as of now the WGs under ST-ON-FARM. Therefore, the Committee suggested that in future the joint sessions may be organized by workbodies on topics of common interest like WG-SON-FARM, WG-M&R and WG-IDM.

14. The Committee's recommendation of establishing new WGs on On-Farm Technology and Practices such as 'On-Farm Irrigation Technology and Equipments', 'On-Farm Automation', and 'New Technologies in Construction Design' under Strategy Theme 'On-Farm' is under active consideration in view of there are only two WGs under strategy theme 'On-Farm'. The mandates of existing workbodies is also reviewed to include these aspects in their mandates, in case if it is not possible to establish new WGs on the suggested topics.

15. The Sub-Committee will review and discuss the ways of combining the meetings of workbodies with areas of common interest or holding webinars, and prepare to draw Guidelines in view of the exercise of restructuring of the WGs as indicated in agenda item 3 above.

**Sub-Committee Agenda Item 5: To consider the report of ITAC for 25<sup>th</sup> ICID Congress**

16. The Sub-Committee will consider and discuss the report of ITAC for 25<sup>th</sup> ICID Congress.

**Sub-Committee Agenda Item 6: To review the Theme and Sub-Themes for 4<sup>th</sup> World Irrigation Forum (WIF4, 2025)**

17. The venue for the 5<sup>th</sup> World Irrigation Forum was fixed during the 71<sup>st</sup> IEC (virtual) meeting as Kuala Lumpur, Malaysia hosted by the Malaysian National Committee of ICID (MANCID) in September 2025. But due to the COVID-19 impact the 4<sup>th</sup> World Irrigation Forum to be held at Beijing, China, has been rescheduled as WIF5 to be held in 2027 to be held in China, and accordingly WIF5 to be held by MANCID at Kuala Lumpur, Malaysia from 7-13 September, 2025 has been renamed as WIF4. Topics for WIF4 now to be held in Malaysia are yet to be finalized. MANCID has been requested to suggest theme and sub-themes for the event. The list of topics for Themes and Sub-Themes covered/decided, together with the Themes for World Water Forums (WWFs) up to 10<sup>th</sup> WWF are given at **Annex**.

18. The 5<sup>th</sup> World Irrigation Forum will be organized by Chinese National Committee on Irrigation and Drainage (CNCID) at Beijing, China in January 2027. The Sub-Committee have approved the following topics for Theme and Sub-Themes for WIF5 to be held in China in 2027 as per rescheduled timeline.

**Theme - Modernization of Irrigation Systems**

- Sub-Theme 1: Policy and strategy for modernization of irrigation systems
- Sub-Theme 2: Technology for modernization of irrigation systems
- Sub-Theme 3: Financing for modernization of irrigation systems
- Sub-Theme 4: Performance assessment of Irrigation systems

**Sub-Committee Agenda Item 7: To review the Theme and Topics for 26<sup>th</sup> ICID Congress, 2023**

19. The 77<sup>th</sup> IEC meeting has approved the venue for the 26<sup>th</sup> ICID Congress as Marseille, France from 12 to 17 October 2026 hosted by AFEID.

20. The following theme and topics have been proposed by AFEID for the 26<sup>th</sup> ICID Congress, the Sub-Committee may review the main theme and topics for questions & sub-questions 66 and 67.

**Theme: Agriculture and Climate Change: Stakes and Levers for Irrigation and Drainage**

**Question 66:** Facing climate challenge, how can irrigation and drainage contribute to the agro-ecological transition?

**Question 67:** Reducing agricultural water use: Technology must facilitate practice changes. Remote sensing, irrigation management, irrigation equipment and services, reuse ...where do we stand?

**Sub-Committee Agenda Item 8: Any Other Business**



**LIST OF TOPICS FOR THEMES & SUB-THEMES FOR WIFS UPTO WIF4  
AND THEMES OF WWFS UPTO WWF10**

**A. WORLD WATER FORUMS**

1. **First World Water Forum, 1997, Marrakech, Morocco**  
**Theme:** Vision for Water, Life and the Environment in the 21st Century.
2. **Second World Water Forum, 2000, The Hague, The Netherlands**  
**Theme:** From visions to action
3. **Third World Water Forum, 2003, Kyoto, Shiga & Osaka, Japan**  
**Theme:** A Forum with a Difference
4. **Fourth World Water Forum, 2006, Mexico City, Mexico**  
**Theme:** Local Actions for a Global Challenge
5. **Fifth World Water Forum, 2009, Istanbul, Turkey**  
**Theme:** Bridging divides for water
6. **Sixth World Water Forum, 2012, Marseille, France**  
**Theme:** Solutions for Water
7. **Seventh World Water Forum, 2015, Daegu and Gyeongju, Korea**  
**Theme:** Water for our Future
8. **Eighth World Water Forum, 2018, Brasilia, Brazil**  
**Theme:** Sharing Water
9. **Ninth World Water Forum, 2022, Dakar, Senegal**  
**Theme:** Water Security for Peace and Development
10. **Tenth World Water Forum, 2025, Bali, Indonesia**  
**Theme:** Water for Shared Prosperity

**B. WORLD IRRIGATION FORUMS**

1. **First World Irrigation Forum, 2013, Mardin, Turkey**  
**Theme:** **Irrigation and Drainage in a Changing World: Challenges and Opportunities for Global Food Security**  
Sub-Theme 1: Policy, Science and Society Interactions  
Sub-Theme 2: Challenges and Developments in Financing Irrigation and Drainage Sector  
Sub-Theme 3: Integrated Water Management Approaches for Sustainable Food Production
2. **Second World Irrigation Forum, 2016, Chiang Mai, Thailand**  
**Theme:** **Water management in a changing world: Role of Irrigation for sustainable food production**  
Sub-theme 1: Key actors in balancing water, food, energy and ecology  
Sub-theme 2: Managing impacts of climatic extremes with focus on floods and droughts  
Sub-theme 3: Key and smart actions to alleviate hunger and poverty through irrigation and drainage

**3. Third World Irrigation Forum, 2019, Bali, Indonesia**

**Theme: Development for water, food and nutrition security in a competitive environment**

Sub-theme 1: Enabling policy environment for water, food and energy

Sub-theme 2: Role of civil society and NGOs with focus on farmers and extension facilities

Sub-theme 3: Improving agricultural water productivity with focus on rural transformation

**4. Fourth World Irrigation Forum, 2025, Kuala Lumpur, Malaysia.**

Email sent to MANCID to share the theme and sub-themes

**5. Fifth World Irrigation Forum, 2027, Beijing, China**

**Theme: Modernization of irrigation schemes**

Sub-theme 1: Policy and strategy for modernization of irrigation systems

Sub-theme 2: Technology for modernization of irrigation systems

Sub-theme 3: Financing for modernization of irrigation systems

Sub-theme 4: Performance Assessment of Irrigation systems



## UPDATE YOUR PROFILE INFORMATION TO HELP ICID SERVE YOU BETTER

ICID made its presence on the Internet in the year 1998. The info-rich ICID website acts as a doorway to a wide range of information on irrigation, drainage, flood management and serves as a vital mechanism of communication with National Committees, partner organizations, young professionals, and web visitors. From time to time, the ICID website has gone through many changes to meet the requirement of members and partners.

The Commission launched a new website as part of its 70th Anniversary Celebration to meet the new web technologies, including Content management system, Data-driven web applications/ pages, Mobile-friendly, Internet of Things, etc. The new website has been very well received by the members and partners.

As part of the initiative launched a new web feature "**Member Profile**" to allow all ICID members to access their online account and able to update their information, which includes:

- **Upload photograph**
- **Personal Information:** Contact details (Name, Address, Telephone, Mobile, Email, etc.) Date of Birth (Only for Central Office record for categorizing young professionals/retired professional. This information is not displayed on website nor placed on public domain. Members can also include their date of birth as "01/ Actual Month/Actual Year") for auto calculation of age.
- **Brief Profile** (Not more than 300 words)
- **Publications** (To add a list of publications and their hyperlinks)
- **Specialization** (Select your areas of specialization(s))

*(Right now, workbody membership period update option is not provided to users as it requires verification of record based on the IEC approval(s). Members are requested to inform ICID Central Office in case of any discrepancy including a timeline of the membership).*

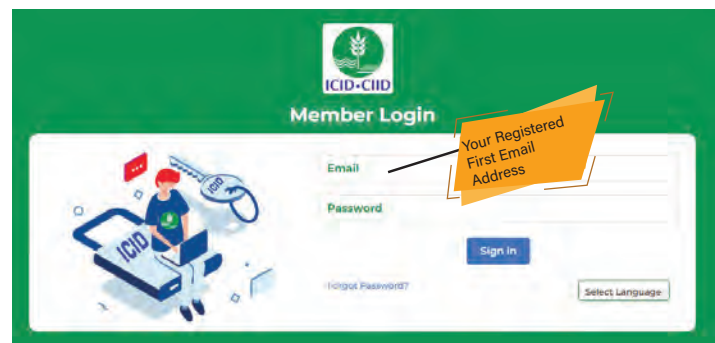
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Click on the name (hyperlink) listed on Office Bearers/ National Committee/ ICID Directory/ Workbody membership (Example: President Prof. Dr. Ragab Ragab: [https://icid-ciid.org/member/member\\_profile/xxx](https://icid-ciid.org/member/member_profile/xxx))

Position	Category	Period
PRESIDENT	ICID OFFICE BEARERS - PRESENT	2020-2023
CHAIR	WG-WFE-R	2020-2023
VICE PRESIDENT HON.	ICID OFFICE BEARERS (HONORABLE)	2010-2013
MEMBER	WG-NOWP	0-0
MEMBER	WG-RWH	0-0
MEMBER	WG-AWSDC	0-0



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Select photograph and update (not more than 300 KB)

Expand the "**PERSONAL INFORMATION**" bar; **Edit Profile** to update address and contact fields; Select "Change Password" to create your own from "1234"; and **Update**.

Expand the "**BRIEF PROFILE**" bar; Select "**Edit Profile**"; Type/Paste your latest brief profile and **Update**

Expand the "**PUBLICATIONS**" bar; Select "**Edit Publication**"; Type/Paste your list of publications; Hyperlink option provided on the editor will help you to link external links of your publications, and **Update**

Expand the "**SPECIALIZATION**" bar; Select "**Edit Expertise**"; **Select** the areas of your specialization to include by clicking, and **Update**.

*Please make sure to change your password along with the other updates in the Personal Information section.*

Data security is crucial in ensuring data privacy and data protection. To ensure proper data management and prevent any unauthorized use, ICID stopped projecting the individual information on the ICID website. However, this important information can be seen only by the authorized members of ICID using their Login credentials.

For any assistance, please contact Mr. Madhu Mohanan, Communication Office, ICID on [icid@icid.org](mailto:icid@icid.org)



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