

**AGENDA FOR THE VIRTUAL 6TH MEETING OF
WORKING GROUP ON MODERNIZATION AND REVITALIZATION OF
IRRIGATION SCHEMES (WG-M&R)**

09 November 2020, 17:30 hours (IST)

Strategy Theme: Schemes

Presented by the Chair

Year of Establishment: 2015

Completion of the Mandate: 2021

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

WG-M&R Agenda Item 1: Action taken report by Chair¹

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 at Bali in September 2019.
2. The outbreak of the COVID-19 pandemic has impacted one and all and the irrigation sector is no different. Given the emerging situation of COVID-19, many meetings have been postponed until the situation comes under control. With this difficult situation, members were requested 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 initiate follow-up actions emerging from the minutes of the previous WG meeting and review the progress of the action points. Accordingly, in order to organize the WebEx Meetings, Webinars and e-Discussions, ICID Central Office requested Chairs of the workbodies to initiate the processes.
3. The Japanese National Committee on Irrigation and Drainage (JNCID) has nominated Dr. Toshihiko Kuno, Iraq National Committee on Irrigation and Drainage (IRQCID) has nominated Mrs. Zaineb Mohammed Akram, Iranian National Committee on Irrigation and Drainage (IRNCID) has nominated Dr. Mohsen Barahimi, and Nepal National Committee has nominated Mr. Dinesh Bhatt for the membership of the group.
4. In January 2020, Dr. Yohei Sato has informed that he would like to step down from the membership of WG due to his retirement from the Chairperson of JNCID. 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-M&R Agenda Item 2: Road Map to ICID Vision 2030 – Status of activities on modernization and revitalization

5. At Bali meeting, WG discussed and considered the following actions agreed in relation to the Road Map, namely:

A1. Strategy: Modernizing irrigation systems

1.4 Preparation and presentation of Case studies

6. During the Bali meeting, the group noted that 9 case studies have been prepared and presented at the International Workshop held in September 2019. Additional case study from Indonesia was presented during the WG-M&R on 5 September, making over 20 case studies available. Further case studies on selected aspects of modernization would be prepared for inclusion in publication for Sydney (*refer Item 1.5 below*).

¹ This will also include details of membership of WG as **Annex**

1.5 *Prepare an overview paper on State of the Art on Modernization of Irrigation Systems*

7. It was decided that available case studies would be summarized and collated as a state-of-the-art paper for preparing guideline on modernization (*refer item 1.6 below*). A revision to the proposed definition of modernization will be developed for consideration by the WG-M&R to increase the focus on services to farmers but retaining the overall philosophy developed in the working definition of modernization finalized by the WG earlier.

1.6 *Develop Guidelines for Modernization of Irrigation systems*

8. At Bali meeting, it was proposed that based on case studies presented – a generic guideline on processes would be developed. Chair will provide further updates at the meeting.

A2. Strategy: Improving O&M of Irrigation Systems

2.1 *Advocacy paper to draw attention to the needs of adequate resources for O&M*

9. The group proposed that advocacy paper will be addressed through the proposed survey on O&M norms and subsequent paper.

2.2 *Develop norms of O&M of Irrigation systems*

10. WG proposed to postpone the development of O&M of irrigation systems until current publications completed. The group is planning to bring out the publication in 2020 / 2021. Chair will provide further updates at the meeting.

B1. Strategy: Supporting development of appropriate policies

1.9 *Prepare position Paper on Key Issues on Modernization of Irrigation Schemes*

11. During Bali meeting, WG noted that preparation of position paper was proposed for WWF8 but could not be done. Due to other activities in hand, it was proposed to postpone till current program of works are completed.

C1. Strategy: Providing knowledge sharing platform for AWM professionals

1.5 *Organize Workshops, Seminar and Symposium on modernization*

12. The group organized the International Workshop during WIF3 at Bali on 1 September 2019 wherein 9 case studies presented and discussed. More than 70 professionals participated in the workshop. WG also planned an international workshop during Morocco meeting in 2020, which has been rescheduled due to COVID-19 situation and further plan for workshop is being finalised.

F4. Strategy: Developing and sharing AWM knowledge

4.4 *Condensed overview of Key books, manuals and Guidelines*

13. During Bali meeting, the group discussed and proposed to consider it after Sydney² meeting.

WG-M&R Agenda Item 2. 1: Publication of the WG

14. After discussion at Bali meeting, it was proposed that available case studies (20 nos.) will be summarized and collated as a state-of-the-art paper which will form the basis for preparing guideline on modernization. Further, based on the case studies presented at Bali and previous meetings of WG-M&R, a generic guideline on the modernization processes will be developed for publication at the Sydney Congress in September 2020 (now rescheduled to July 2021). It was also proposed to include the state-of-the-art review as the introduction to the publication, with case studies illustrating experience and future directions. During Bali meeting, it was proposed that work during 2019/20 will include preparation of a questionnaire to obtain updated information on O&M norms from member countries as the basis for a review paper for publication by ICID or in the IRD Journal. ICID Central Office has requested WG Chair to get in touch with members for their contribution in the development of the questionnaire with WebEx conference planned in early 2020 to confirm the questions before circulation to the NCs. Chair will provide further updates at the meeting.

² 24th ICID Congress at Sydney has been rescheduled to July 2021 due to COVID-19 pandemic.

WG-M&R Agenda Item 3: International Workshop on Modernizing Irrigation Services, December 2020, Marrakesh

15. The International Workshop which was originally scheduled to be conducted in Sydney, Australia in September 2020 has been moved to Marrakesh, Morocco due to Covid-19 Pandemic, which have been further rescheduled due to continuing global COVID-19 situation. Further plan is being finalized. Now, WG is planning to organize an International Workshop on 'Modernizing Irrigation Services'. By the given deadline, in total, 18 abstracts have been received for the above international workshop, which have been reviewed by the Review Committee. Chair will provide further updates at the meeting.

WG-M&R Agenda Item 4: Any other business



NOTES FOR CHAIRPERSON:

Draft minutes of this meeting to be submitted to ICID Secretariat after the meeting.

A. Members and their attendance at 2018 and 2019 meetings

No.	Members	Member from (Year)	2018		2019		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
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				•	
5.	Ir. Eko Subekti (Indonesia)	2015			•		
6.	Dr. Yohei SATO (Japan)	2015	•	•	•	•	<i>Stepped down</i>
7.	Dr. Kwang-Sik Yoon (Korea, Rep.of)	2015	•	•	•	•	
8.	Mr. Mohd Yazid bin Abdullah (Malaysia)	2015	# ³				
9.	Dr. Brian T. Wahlin (USA)	2015	•	•		•	
10.	Mr. Usman-e-Ghani (Pakistan)	2016		•			
11.	Dr. Ali Omran Ali (Iraq)	2016		•			
12.	Dr. Sanjay Belsare (India)	2017		•		•	
13.	Mr. Jan Potgieter (South Africa)	2018	•				
14.	Prof. Dr. Tarek Ahmed El-Samman (Egypt)	2018	•				
15.	Dr. Chih-Hung Tan (Chinese Taipei)	2018	•		•		
16.	Dr. Shinji Fukuda (Japan)	2018	•	•		•	
17.	Omid Moridnejad – Young Professional (Iran)	2018		•			
18.	Ms. Mona Liza Delos Reyes (Philippines)	2019			•	•	
19.	Engr. Reyne B. Ugay (Philippines)	2019			•	•	
20.	Secretary General, ICID						
Permanent observers							
(i)	Mr. Alan Kendall Clark (UK)	2015					
(ii)	FAO Representative	2015	#				

B. New nominations received from the National Committee

No.	Name	Country	Remarks
1	Dr. Toshihiko Kuno	Japan	Recommended as member, subject to his presence else provisional member
2	Mrs. Zaineb Mohammed Akram	Iraq	Recommended as member, subject to her presence else provisional member
3	Dr. Mohsen Barahimi	Iran	Recommended as member, subject to his presence else provisional member
4	Mr. Dinesh Bhatt	Nepal	Recommended as member, subject to his presence else provisional member

³ # 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
Goal A: Enable higher crop productivity with less water and energy							
A1. Strategy: 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	
	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		
	1.6 Develop Guidelines for Modernization of Irrigation systems	Guidelines (This to be reviewed and possibly revised in Mexico 2017)			Release Guidelines in WIF3	Release Guidelines	
A2. Strategy: Improving O&M of Irrigation Systems	2.1 Advocacy paper to draw attention to the needs of adequate resources for O&M	Advocacy paper					
	2.2 Develop norms of O&M of Irrigation systems	Technical Report					
Goal B: Be a catalyst for change in policies and practices							
B1. Strategy: Supporting development of appropriate policies	1.9 Prepare position Paper on Key Issues on Modernization of Irrigation Schemes	Position/Policy Paper of ICID				Release in Sydney in 2020	
Goal C: Facilitate exchange of information, knowledge and technology							
C1. Strategy: 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	Conference Session in Sydney in 2020	
Goal F: Facilitate capacity development							
F4. Strategy: Developing and sharing AWM knowledge	4.4 Condensed overview of Key books, manuals and Guidelines	Book Overview					

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

