

Third WebEx Zoom Meeting for Working Group on Institutional Aspects of Irrigation/ Drainage System Management 3rd WebEx (virtual) -- zoom meeting WG-IOA); July 23rd 2021 from 17:30 to 20:30 hours IST

(Minute of Zoom Meeting)

The implementation of ICID Third WebEx Zoom Meeting for Working Group on Institutional Aspects of Irrigation/ Drainage System Management (3rd WebEx (virtual - - zoom meeting) WG-IOA) was successfully conducted on July 23rd 2021 from 17:30 to 20:30 hours Indian Standard Time or 19:00 to 21:00 Jakarta Standard Time.

The minute of meeting of discussion at the WebEx meeting as follows:

A. Review for Sharing the responsibility to contribute preparation of the final report:

Concerning Preparation of Final Report of WG-IOA with the topic of “Institutional and organizational reform in irrigation and drainage sector for sustainable agriculture water management”, the members of WG-IOA have been discussing the draft of final report of WG-IOA with some reviews and suggestions on both assignment and material of the draft for overcoming the improvement of the draft as well as additional supporting members, implementation schedule and subsequently sharing the responsibility to prepare and improve the draft of final report as the following table:

Table of Reviewed Implementation Schedule and Assignment for preparation of Final Report WG-IOA (Based on discussion at the 3rd WebEx Meeting, 23rd July 2021)

No.	Chapter and Sub Chapter	Prepared By	Remarks
1.0.	<p>Introduction</p> <p>(Some items will be improved based on suggestions at the 3rd WebEx meeting while waiting results of International Workshop on PPP's, in Marrakesh November 2021);</p> <p>Some items suggested by President ICID, Dr. Ragab, Ragab regarding the possibility of including some non-conventional aspects of water resources management such as virtual water pricing, import and export based on water foot print, green economy, environmentally friendly water management and so on (if necessary to extend the time frame of WG-IOA) will be considered to accommodate at the next meeting of WG-IOA owing to the fact that the suggested items were not included in the mandate of WG-IOA - 2015).</p>	<p>Dr. Hafied A. Gany (Chairman of WG-IOA)</p> <p>(Suggestions and recommendations are opened from members of working group and or resource persons based upon IOA items that are not available at the preliminary references)</p>	<p>Some items will be improved based upon suggestion of members of WG-IOA on the next WebEx Meeting, after inclusion of external references based upon the member countries experiences.</p>
2.0.	<p>Legal Frameworks</p> <p>2.1. Issues and challenges related to land and water;</p>	<p>Mr. Taku MORI, from Japan (Secretary of WG-IOA), in collaboration</p>	<p>References are basically taken from</p>

	<p>2.2. Review of institutional and organizational aspects of irrigation and drainage sector; 2.3. Need for institutional reforms; 2.4. Institutional and organizational structure for sustainable water management; 2.5. 2.6.</p> <p>(The draft report has been considered quite comprehensive and discussing the legal frameworks of most of the countries that are included in the study areas within the regions that are relevant with mandate of Working Group IOA particularly the three consecutive International Workshops with the Scope of work-1, which is I&O Aspects of I&D Operation and Maintenance, versus size of land holding; Scope of Work-2, which is PIM and management transfer – approaches and condition for successful PIDM; and Scope of Workshop-3, which is PPPs in Irrigation and Drainage Management toward sustainable irrigated agricultural water management).</p>	<p>through routine email communication with Dr. Hafied Gany and Dr. Keigo Noda (Vice Chairman of WG-IOA), from Japan.</p> <p>(Suggestions and recommendations are opened from members of working group and or resource persons based upon IOA items that are not available at the preliminary references)</p>	<p>cases of the countries presented at the Mexico 2017's Symposium, and/or other relevant cases.</p> <p>(The third WebEx meeting suggest to make intensive coordinative discussion with preparation of other chapters to avoid overlapped and/or repetitive materials amongst the chapters and/or sub chapters)</p>
3.0.	<p>Participatory Irrigation/ Drainage Management (PIDM) and Irrigation/ Drainage Management Transfer (IDMT) 3.1. Needs and objectives of PIDM; 3.2. PIDM Approach; 3.3. Status of PIDM-WUAs, their Roles and Responsibilities; 3.4. Condition for Successful PIDM; 3.5. Global Lessons Learnt; 3.6.</p> <p>(For further improvement, the material of this chapter is opened for suggestions and recommendations from the countries' experiences members of working group and/or resource persons based upon IOA items concerning PIDM and Irrigation and Management Transfer that are not available at the preliminary references, nor the relevant items discussed at the International Workshop conducted in Bali, on 2nd September 2019).</p> <p>Note: The central Office of ICID will provide all the relevant references to Dr. Sunil D. Gorantiwar for being a newly nominated member of WG-IOA.</p>	<p>Ms. Raghard Sami Aljanabi from Iraq in collaboration through routine email with Mr. Hasan Basri Yuksel from Turkey and/or Dr. Qazi Tallat Mahmood Siddiqui from Pakistan.</p> <p>(Due to the fact that till present, no paper draft has been possible to be presented for Chapter 3, then the 3rd WebEx Meeting suggested that this chapter will be taken over by Dr. Sunil D. Gorantiwar sdgorantiwar@gmail.com (nominated member of WG-IOA from India). And still give a chance of the originally approved team to participate when they are available).</p>	<p>May be supported by other members of WG-IOA as if required.</p> <p>(The third WebEx meeting also suggested to make intensive coordinative discussion with other chapters' preparation to avoid overlapped and/or repetitive materials amongst other chapters and/or sub chapters)</p>
4.0.	<p>Observed Impacts of PIDM 4.1. Water Allocation and Service Delivery; 4.2. Cost Recovery; 4.3. Water Use Efficiency;</p>	<p>VPH Dr. Ding Kurlun, member of WG-IOA from China.</p>	<p>May be supported by other members</p>

	<p>4.4. System Sustainability; 4.5. Social Impacts; 4.6.</p> <p>(The draft report has been considered to be quite comprehensive and discussing the observed impacts of PIDM of most of the countries that are included in the study areas within the regions that are relevant with mandate of Working Group IOA particularly experiences with the relevance with the country's' experiences presented in Mexico Symposium with theme of "Global Review of Institutional Reforms in irrigation Sector for Sustainable Agriculture Water management including WUA's" which was conducted in Mexico City on October 2017).</p>	<p>(Suggestions and recommendations are opened from members of working group and or resource persons based upon IOA items that are not available at the preliminary references; this include experiences from China on Observed Impacts on Participatory Irrigation and Drainage Management, in which China has been performing quite extensive experiences in Participatory Irrigation and Drainage Management Transfer.)</p>	<p>of WG-IOA as if required.</p> <p>(The third WebEx meeting also suggested to make intensive coordinative discussion with other chapters' preparation to avoid overlapped and/or repetitive materials amongst other chapters and/or sub chapters)</p>
5.0.	<p>Challenges</p> <p>5.1. Water Accounting and Auditing; 5.2. Method and Mechanism for Determination of Cost Recovery and Water Charges; 5.3. Engineering Challenges; 5.4. Possibility of Public Private Partnership (PPP) for Financing and Improved Service Delivery; 5.5. Issues in Upscaling PIDM/ IDMT; 5.6. Capacity Building and Capacity Development; 5.7. 5.8.</p> <p>The draft report has been considered quite comprehensive and discussing the Challenges that are associated with experiences in the study areas within the regions that are relevant with mandate of Working Group IOA particularly the three consecutive International Workshops with the Scope of work-1, which is I&O Aspects of Irrigation and Drainage Operation and Maintenance, versus size of land holding; Scope of Work-2, which is PIM and management transfer – approaches and condition for successful PIDM; and Scope of Workshop-3, which is PPPs in Irrigation and Drainage Management toward sustainable irrigated agricultural water management.</p>	<p>Dr. Keigo Noda (Vice Chairman of WG-IOA), from Japan.</p> <p>(Suggestions and recommendations are opened from members of working group and or resource persons regarding challenges of WG-IOA based upon IOA items that are not adequately available at the preliminary references.)</p>	<p>May be supported by other members of WG-IOA as if required.</p> <p>(The third WebEx meeting suggest to make intensive coordinative discussion with preparation of other chapters to avoid overlapped and/or repetitive materials amongst the chapters and/or sub chapters)</p>
6.0.	<p>Way Forward and Recommendations</p> <p>6.1. Best Practices for Replication; 6.2. Future Plans; 6.3. Recommendations;</p>	<p>Dr. Qazi Tallat Siddiqui, from Pakistan, through routine collaboration with others responsible chapters' coordinator.</p>	<p>Basically, be based upon items concluded on other chapters and/or other</p>

	<p>(For further improvement, the material of this chapter is opened for suggestions and recommendations from the countries' experiences members of working group and/or resource persons based upon IOA items concerning the Way Forward and Recommendation that are not available at the preliminary references, nor the relevant items discussed at all draft chapters that have been prepared by others that are assigned for the chapters).</p>	<p>(Due to the fact that till present, no paper draft has been possible to be presented for Chapter 6, then the 3rd WebEx Meeting suggested that this Chapter-6 will be taken over by Dr. Neelam Patel neelam.patel@gov.in (nominated member of WG-IOA From India). And still give a chance of the originally approved team to participate when they are available).</p>	<p>relevant references.</p> <p>(The third WebEx meeting suggest to make intensive coordinative discussion with preparation of other chapters to avoid overlapped and/or repetitive materials amongst the chapters and/or sub chapters.)</p>
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1. Additional items might be included in the general outline as if considered relevantly appropriate with the main references, the members are requested to make notes and/or additional items for discussion in the upcoming 4th WebEx meeting (Middle of October 2021).
2. Internal negotiation with other colleague responsible as if consider necessary to share preparing the draft of any particular sub chapter as far as the items are not overlapped with material of other chapters. Such items are subject to further discussion and clarification at the subsequent WebEx meeting.
3. Separate email communication might be pursued for including any other relevant materials which are considered appropriate for enhancing overall improvement of the final report and subsequently be discussed in the following WebEx meeting in line with the time frame.
4. For general reference, all are welcome to propose any reference materials that are appropriately considered relevant with the final report on top of the available references which were collected and provided form previous activities of the WG-IOA.

B. Review and adjustment of the Implementation program of WG-IOA

2. Considering the overall time frame and the availability of time for discussion of the draft of the report of WG-IOA through virtual meetings and/or webinars stated previously, the meeting agrees to encourage active participation of the members of WG-IOA and collaborative supports of other ICID Working Groups, Task Forces and Central Office of ICID, through the following working time frame;

2.1. Due to the fact that till present, no paper draft has been possible to be presented for Chapter 3, then the 3rd WebEx Meeting suggested that chapter will be taken over by **Dr. Sunil D. Gorantiwar** sdgorantiwar@gmail.com (a nominated member of WG-

IOA from India). And still give a chance of the originally approved team to participate when they are available.

2.3. Due to the fact that till present, no paper draft has been possible to be presented for Chapter 6, then the 3rd WebEx Meeting suggested that this chapter will be taken over by **Dr. Neelam Patel neelam.patel@gov.in** (a nominated member of WG-IOA from India). And still give a chance of the originally approved team to participate when they are available.

2.4. Completion of final draft will be done after having and incorporating the Report and Papers on last International Workshop of WG-IOA ICID on Public and Private Partnership (PPPs) in Irrigation and Drainage Operation and Maintenance toward Sustainable Irrigated Agricultural Water Management, which would be conducted at the 72nd IECM of ICID in Marrakech, Morocco, 24-28 November 2021;

2.5. Discussion of the final draft through the 8th meeting of WG-IOA at the 73rd IECM of ICID in Adelaide Australia, October 2022;

2.6. Finalization of the Final Report, Published and launched the report at the 74th IECM of ICID, 16-22 April 2023 in Beijing, China; (**Notes: Publication of the Final Report of WG-IOA**) will be done by means of E-Publication after the necessary editing and formatting with the support of Central Office of ICID).

2.7. Alternatively, due to one reason or another, we still could reserve to launch the Final Report at the 75th IECM of ICID November 2023, at Visakhapatnam (Vizag), Andhra Pradesh State, India, which is still within the time frame of WG-IOA.

C. Any other business discussed at the WebEx Meeting

3. Anticipating the last International Workshop on WG-IOA: For preparing the last material for Final Report of WG-IOA, the last international workshop on PPPs was scheduled to be conducted in Sidney, Australia, but due to Covid 19 Pandemic, the event was moved to Marrakech for March - April 2020, however it was not possible to implement till the pandemic could be controlled. The workshop is now scheduled in Marrakech, Morocco somewhere between 24th and 28th November 2021.

3.1. The topic of the WS is: "Public-Private-Partnership (PPPs) in Irrigation and Drainage Operation and Maintenance toward Sustainable Irrigated Agricultural Water Management.

3.2. Consisted of three sub topics: (1) PPPs Approaches and conditions for Successful IOA toward Sustainable O&M of Irrigation and Drainage; (2) PPPs Approaches and Conditions of IOA for Successful Irrigation/Drainage Management Transfer Arrangement; (3) Legislation and Institutional Requirement for Transferring of Responsibilities and/or Ownership of Irrigation and Drainage Systems to Water Users Association, through PPPs Approach.

4. Effective Utilization of database of WG-IOA at the Central office of ICID: On top of the main and supporting references that have been shared to the members of WG-IOA through Goggle Link, other references such as the related workshop

materials on IOA (including the upcoming Marrakech IOA-Workshop) will also be stored at the CO's Database, and will soon be distributed through Google link too. The members of WG-IOA are highly expected and encouraged to use the reference for preparation of WG-IOA final report.

5. Upcoming Schedule for 4th WebEx Meeting of WG-IOA: For subsequent discussion of the draft of Final Report of WG-IOA that the assignment has been shared and distributed, it is expected to have it conducted at the middle of **October 2021**, after Doodle confirmation with the members of the WG-IOA.

6. Suggestion from President of ICID, Dr. Ragab Ragab: President ICID, Dr. Ragab Ragab, who participated at the WebEx meeting suggested the possibility of including some non-conventional aspects of water resources management in the Report of WG-IOA such as virtual water pricing, import and export based on water foot print, green economy, environmentally friendly water management and suggestion to make the final report of WG-IOA as a published book – if necessary possible to extend the time frame of WG-IOA as an important working group of ICID – will be considered to be accommodated at the next meeting of WG-IOA owing to the fact that the suggested items were not included in the mandate of WG-IOA – 2015.

We highly expect that all of the program will be conducted successfully and looking forward to having active participation of colleague members of the WG-IOA, with helps, support and participation of the relevant WGs', Task Forces' and CO of ICID for materializing the Mandate of WG-IOA (Institutional and Organizational Aspects of irrigation/ Drainage System Management.

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