

**MINUTES OF 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.

Members Present: (1) VPH Ian Makin, Chair (UK); (2) Prof. Dr. Tarek Ahmed El-Samman (Egypt); (3) Dr. Sanjay Belsare (India); (4) Dr. Shinji Fukuda (Japan); (5) Dr. Toshihiko Kuno (Japan); (6) Dr. Kwang-Sik Yoon (Korea, Rep. of); (7) Mr. Dinesh Bhatt (Nepal); (8) Ms. Mona Liza Delos Reyes (Philippines); (9) Engr. Reyne B. Ugay (Philippines); (10) Mr. Jan Potgieter (South Africa); (11) Dr. Brian T. Wahlin (USA); (12) Secretary General, ICID represented by Er. Harish Kumar Varma, Executive Director, ICID (India).

Webpage: http://icid-ciid.org/inner_page/117

WG-M&R Minutes Item 1: Action taken report by Chair

- The Chair welcomed all the participants and briefed the members on the preparations of the postponed International Workshop on Modernization that was planned for the 2020 meeting, additional information is summarized under item 3 below.
- The following nominations received from the National Committees for the membership were accepted/provisionally admitted:

Sl. No.	Members	Country	Accepted/ Provisionally admitted
1	Dr. Toshihiko Kuno	Japan	Accepted
2	Mrs. Zaineb Mohammed Akram	Iraq	Provisional– Chair will contact by email
3	Dr. Mohsen Barahimi	Iran	Provisional – Chair will contact by email
4	Mr. Dinesh Bhatt	Nepal	Accepted

- The group noted the stepping down of Dr. Yohei Sato from the membership of WG due to his retirement from the Chairperson of Japanese National Committee (JNCID). Chair thanked members who were not present for their contributions to the preparations for the postponed International Workshop. Membership status is given in **Annex 3 (page 43)**.

WG-M&R Minutes Item 2: Road Map to ICID Vision 2030 – Status of activities on modernization and revitalization

- During virtual meeting, the group reviewed and discussed the Road Map to ICID Vision 2030 (*refer Annex*). Given the postponement of most activities because of the restrictions in response to COVID-19, the expected outputs scheduled for 2020 have been delayed. The current mandate of the WG is upto 2021 however, members of the WG request PCTA to approve to extend the mandate to 2023 to enable completion of the current work program and preparation of a proposal for a new WG to continue a focus on improving irrigation and drainage services. Roadmap of the WG will be reviewed and updated during next virtual meeting of the WG proposed in February 2021 considering proposed extension of the WG. IEC during its 71st meeting held on 8 December 2020 approved extension of the WG till 2023.

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

5. Given the postponement of the proposed International Workshop that was expected to provide a framework for the main publication of the WG – (Guidelines on Modernization of Irrigation Services, with case studies) – the publication is rescheduled for publication after the International Workshop in 2021.

6. During discussions, the need for case studies of the application of asset management as a modernization strategy was raised. Dr. Shinji Fukuda (Japan) offered to prepare a case study for consideration. In addition, Dr. Sanjay Belsare (India) offered to prepare a case study of modernization in Maharashtra (India).

7. After the meeting, the chair participated in the meeting of the WG-IDM held on 16 November 2020 during which Mr. Ali Elhaj (Sudan) offered to provide a case study of modernization in Sudan. The chair will continue to work with the members of the WG to identify and prepare further case studies. Chair agreed to prepare the outline of the proposed publication for consideration of the WG members, for discussion during the proposed February 2021 WebEx meeting.

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

8. The Chair briefed the members that eighteen abstracts have been received which were reviewed by the Chair, Vice Chair, Secretary and one member of the WG. Authors of 8 selected abstracts have been invited to prepare papers for presentation at the Morocco workshop and the remaining ten authors invited to prepare papers for consideration for inclusion in the proposed publication on Modernization of Irrigation and Drainage Services.

9. Shortly after informing the authors of the outcome of the review, the Morocco meeting was postponed, due to COVID-19 restrictions. It is therefore proposed to reschedule the international Workshop to a date, yet to be decided, during 2021. Consideration will be given to organizing a WebEx event to enable participation of the maximum number of people; although all members of the WG highlighted the value of face to face meetings to discuss the issues of modernization. A WebEx meeting of the WG is proposed in February 2021 to discuss the next steps regarding - (i) the proposed International Workshop and (ii) content of the main WG output.

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

10. Executive Director Harish Varma from ICID Central Office informed the WG about the new initiative “International Network of Service Providers for Irrigation Excellence (INSPIRE)” noting the network’s vision is economically profitable, financially viable, and environmentally and socially sustainable irrigation. INSPIRE recognizes the important role that the managers of irrigation systems play in achieving the vision and aims to support them and strengthen their capacities through information exchange, learning from global experience, and collecting best practices. Chair encouraged members to provide support and guidance to the INSPIRE network as it evolves. The background note on the INSPIRE initiative was shared with the members of the WG. Er. Harish Kumar Varma from ICID Central Office also briefed the WG on the updated schedule of ICID events.



Annex [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
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)

