

APPENDIX XXVIII [PCTA Item 10.3]

**AGENDA FOR THE 5TH MEETING OF
WORKING GROUP ON MODERNIZATION AND REVITALIZATION OF
IRRIGATION SCHEMES (WG-M&R)**

05 September 2019, 14:00-16:00 hours (Session I)

05 September 2019, 16:15-18:15 hours (Session II)

Bali, Indonesia

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://www.icid.org/wg_mnr.html

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 Saskatoon in August 2018.
2. ICID Central Office vide e-mail of 19 November 2018 to all Chairs/ Vice Chairs/ Secretaries suggested to make full use of web-ex platform for virtual meeting so as to ensure regular contribution from the WG members as well as discuss and initiate follow-up actions emerging from the minutes of the previous WG meeting and review the progress of the action points. In order to organize the WebEx Meetings, Webinars and e-Discussions, Chair of the workbodies were requested to send the 'Expression of Interest' to initiate the processes.
3. Mr. Vyacheslav Rozhon (Ukraine), Mr. Mehrzad Ehsani (Iran), Mr. Bir Singh Dhami (Nepal), Ms. Meral Cicek (Turkey), Mr. Firas Hussain Ali (Iraq) have not contributed to the activities of the group during last two years so they are recommended to be discontinued and new members would be invited from the National Committees as well as other NCs. In May 2019, Mr. Mehrzad Ehsani has informed that due to clash of the meetings of WG-WATS and WG-M&R, he is not in a position to attend the WG-M&R meeting as he is also a Chair of WG-WATS. 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.

SUPP: Ms. Portia S Angulo from Philippines National Committee of ICID (PNC-ICID) vide email of 27 August 2019 has nominated Ms. Mona Liza Delos Reyes (Philippines) for the membership of the Working Group.

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

4. At Saskatoon meeting, the group reviewed the action plan to better align the commitments to the capacity of members of the group to deliver against the proposed work plan (refer **Annex 2**); resulting in commitments to deliver actions related to **Goal A** – Enable higher crop productivity (*Strategy A1 Modernizing irrigation systems*), **Goal B** – Be a catalyst for change in policies and practices (*Strategy B1 Support to development of appropriate policies*), **Goal C** Facilitate exchange of information, knowledge and technology (*Strategy C1 Providing knowledge sharing platform for AWM professionals*) as summarized below.
5. **A1- Modernizing Irrigation Schemes** – During Saskatoon meeting, Chair VPH Ian Makin encouraged members to prepare papers for presentation at the proposed workshop of the WG at Bali as well as for the World Irrigation Forums session at Bali 2019 and Congress at Sydney 2020. Five case studies were presented during

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

Canada meeting and it was agreed that the case studies would provide the evidence-based support for the proposed paper on the State of Art on Modernization (output A1.5) contributing to the development of ICID Guidelines on Modernization of Irrigation and Drainage. Accordingly, ICID Central Office has followed-up with members and requested to share more case studies to facilitate development of guidelines on Modernization of irrigation and drainage. A template/ guidelines for preparation of case studies/ country paper is available at http://www.icid.org/mnr_guideline.pdf for reference of the members. The WG is organizing a full-day workshop on Modernization during 3rd WIF to promote further exchange of case studies experiences (refer **item 5**).

6. **B1 – Support to development of appropriate policies** - WG proposed that a joint ICID-FAO position paper on modernization would be prepared with FAO and the WG-M&R for presentation in Sydney in 2020. ICID Central Office has followed-up with Chair to initiate the preparation of position paper. Chair will provide further updates at the meeting.

7. **C1 - Facilitate exchange of information, knowledge and technology** – During Saskatoon meeting, Chair encouraged members to prepare papers for presentation at the Bali workshop and for the Congress sessions at Sydney 2020. Accordingly, ICID Central Office has followed-up with the members for a presentation at the Bali workshop.

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

8. At Saskatoon meeting, Mr. Herve Plusquellec (USA) proposed the publication of an ICID book on the use of geotextiles in irrigation and made a presentation on the proposed book. Members agreed to review the revised book and recommended to consider publication of the book as an ICID publication. Accordingly, ICID Central Office has requested members to get in touch with Mr Plusquellec and review the book. Mr Plusquellec/ Chair will provide further updates at the meeting.

WG-M&R Agenda Item 3: Exchange of information, knowledge & networking

9. During Saskatoon meeting, the group discussed the issues related to exchange of information and updating of WG-M&R website. Chair requested members to provide articles/ reports/ documents/ presentations related to the mandate of the activities for its uploading on the website of the WG. Accordingly, ICID Central Office has requested members to provide material for uploading on the web site of the WG to enrich its contents.

10. WG also proposed to organize regular WebEx meeting during 2018/19 to coordinate the preparation of background documents and implementation of the workshop. ICID Central Office has requested Chair to inform the tentative date to initiate DOODLE POLL seeking the concurrence from the members for organizing a WebEx meeting however, however no virtual meeting could be organised. WG members will discuss mechanism of sharing information and updation of its web site.

WG-M&R Agenda Item 4: Updating Multilingual Technical Dictionary (MTD)

11. At Saskatoon, WG discussed and reviewed about updating of MTD. Chair encouraged members to make use of this veritable resources in the course of their work and update the terms related to the activities of the WG. During the meeting, VP Brian Wahlin (USA) has agreed to review the terms of MTD related to canal automation which was accepted by the WG. ICID Central Office has followed-up with the members to update the terms related to the activities of the WG. Chair/ members will provide further updates at the meeting.

WG-M&R Agenda Item 5: International Workshops on Modernizing Irrigation Services for Water, Food, and Nutrition Security, September 2019, Bali

12. During Saskatoon meeting, members presented five case studies. The case studies are intended to provide the evidence base for the proposed paper on the State of Art on Modernization contributing to the development of ICID Guidelines on Modernization of Irrigation and Drainage. In order to bring together researchers and practitioners to discuss the state of the art of modernization of irrigation services and to present further case studies for inclusion in ICID publication, WG is organizing an International Workshop on ‘Modernizing Irrigation Services for Water, Food, and Nutrition Security’ during Third World Irrigation Forum (WIF3) and 70th International Executive Council (IEC) meeting in September 2019 at Bali. In total, about 10 abstracts/papers have been received for the workshop, which have been reviewed by the Review Committee. Chair will provide further updates at the meeting.

WG-M&R Agenda Item 6: International Young Professionals Training Program, 22-25 April 2019, Gyeonggi Province, Republic of Korea – Response from YPs on questionnaire

13. As agreed at Saskatoon meeting in August 2018, the Korean National Committee (KCID) organized the International Young Professionals Training Program (YP-TP) on “Climate Resilient Smart Irrigation Systems” from

22-25 April 2019 at Gyeonggi Province (Republic of Korea) in collaboration with the Chinese National Committee (CNCID) and ICID. KCID has also organized an International Workshop on “Irrigation Technologies to Mitigate Climate Change” on 26 April 2019 to provide an opportunity to the young professionals to have a broader and in-depth exposure to emerging irrigation technologies and management scenarios considering the urgent need for a sustainable climate change-resilient agriculture sector. During the YP training, thirty-two young professionals from 17 countries participated and gained the knowledge. As part of YP training, each YP was requested to provide their response to the following five questions: (i) How the recent climatic extremes are affecting water management for agriculture in your country/region? (ii) What new and innovative approach and technologies are being adopted to address these climate change issues? (iii) What management approach and solutions are being considered to adapt to climate change? (iv) How would you like to modify/augment water management practices and policies in region to generate a long-term strategy? (v) What is your view and contribution to promote climate smart agriculture?

14. The responses received from the YPs have been compiled, and the same is available at: <https://www.icid.org/ypqresponse.pdf>. It is felt that some of the responses relate to the mandate of the WG and the group may like to take note of the views and suggestions from YPs from different countries and discuss it during the meeting. Chair will provide further updates at the meeting.

WG-M&R Agenda Item 7: Any other business



NOTES FOR CHAIRPERSON:

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Bali, Indonesia after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 6 September 2019.

Annex 1 [Appendix XXVIII, Item 1]

MEMBERS AND THEIR ATTENDANCE AT 2017 AND 2018 MEETINGS

No.	Members	Member from (Year)	2017		2018		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. Vyacheslav Rozhon (Ukraine)	2015					No contribution during last two years. Recommended for discontinuation
5.	Mr. Mehrzad Ehsani (Iran)	2015					No contribution during last two years. Recommended for discontinuation
6.	Ir. Eko Subekti (Indonesia)	2015	•				
7.	Dr. Yohei SATO (Japan)	2015	•		•	•	
8.	Mr. Bir Singh Dhimi, Young Professional (Nepal)	2015					No contribution during last two years. Recommended for discontinuation
9.	Dr. Kwang-Sik Yoon (Korea)	2015	•	•	•	•	
10.	Mr. Mohd Yazid bin Abdullah (Malaysia)	2015	#		#		
11.	Ms. Meral Çiçek (Turkey)	2015					No contribution during last two years. Recommended for discontinuation
12.	Dr. Brian T. Wahlin (USA)	2015	•		•	•	
13.	Mr. Usman-e-Ghani (Pakistan)	2016				•	
14.	Dr. Ali Omran Ali (Iraq)	2016				•	
15.	Mr. Firas Hussain Ali – Young Professional (Iraq)	2016					No contribution during last two years. Recommended for discontinuation
16.	Dr. Sanjay Belsare (India)	2017	•			•	
17.	Mr. Jan Potgieter (South Africa)	2018			•		
18.	Prof. Dr. Tarek Ahmed El-Samman (Egypt)	2018			•		
19.	Dr. Chih-Hung Tan (Chinese Taipei)	2018			•		
20.	Dr. Shinji Fukuda (Japan)	2018			•	•	
21.	Omid Moridnejaad – Young Professional (Iran)	2018				•	
22.	Secretary General, ICID		# ²				
Permanent observers							
(i)	Mr. Alan Kendall Clark (UK)	2015					
(ii)	FAO Representative (Ms. Robina Wahaj)	2015	#				

B. New nomination received from the National Committee

No.	Name	Country	Remarks
1.	Ms. Mona Liza Delos Reyes	Philippines	Recommended as member, subject to her presence else provisional member



² # 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	TBD Case Studies	TBD 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		
	1.6 Develop Guidelines for Modernization of Irrigation systems	Guidelines (This to be reviewed and possibly revised in Mexico 2017)			Release Guidelines in WIF3		
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)

