

**AGENDA FOR THE 3RD MEETING OF
WORKING GROUP ON IRRIGATION DEVELOPMENT AND MANAGEMENT (WG-IDM)**

14 August 2018, 13.30-15.00 hours (Session I) and 15.30-17.00 hours (Session II)
Saskatoon, Saskatchewan, Canada

Strategy Theme: Schemes

Presented by the Chair

Year of Establishment: 2015

Completion of the Mandate: 2021

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 economical performance enhancement (cost reduction and efficiency improvement).

WG-IDM 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 Mexico in October 2017.
2. ICID CO vide e-mail dated 8 December 2017 to all Chairs/ Vice Chairs/ Secretaries suggested 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 discuss and initiate follow-up actions emerging from the minutes of the previous WG meeting and review the progress of the action points. No virtual meeting of the WG could be organised since last meeting of the WG in Mexico in October 2017. In this connection PCTA in its meeting in Mexico in October 2017 accepted the recommendation of the Sub-committee to investigate the structure, scheduling of meetings and membership of working groups (SC-SSMWG) that WG Chairs make the WG meetings technically more attractive by taking preparatory steps through virtual meetings of the WGs before preparing the agenda for the meetings.
3. The Egyptian National Committee (ENCID) has nominated Eng. El Sayed El Yamani Ali Sarkees and Dr. (Ms) Eman Ragab Mohamed Nofal while Prof. LB Roy, Direct Member (India) has nominated himself for the membership of the group. Chairman 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-IDM Agenda Item 2: Road Map to ICID Vision 2030 – Status of activities on irrigation development and management

4. At Mexico meeting, the group keeping in view the revised scope and mandate and availability of resources for achieving various activities, the WG modified the Road Map and assigned certain tasks to its members (refer **Annex 2**). During the Mexico meeting, the 68th International Executive Council (IEC) encouraged WGs to monitor the progress of 'Activities identified under Various Strategies for Action Plan 2017-21' appended to 'A Road Map to ICID Vision 2030' and report to their respective Permanent Committees.
5. Accordingly, in January 2018, the Central Office has requested the Chairs of the Work bodies to monitor the progress of achieving milestones as indicated in the Action Plan and report status to the concerned Permanent Committee to enable the Theme Leaders to take stock of the progress of the Work body in achieving the Action Plan in their synthesis report. Similarly, the Central Office has also requested all members of WG to provide updates on the action taken by them on the assigned task. In response, Dr. Amgad Elmahdi has informed that he is in touch with the Chair to contribute and support the Vision 2030. Chair will provide further updates at the meeting.

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

WG-IDM Agenda Item 3: Presentation by the working members

6. At Mexico meeting, interesting presentations were made by Dr. Katsuyuki Shimizu (Japan); Dr. Jan Ming-Young (Chinese Taipei); and VPH Felix Reinders (South Africa). Members are encouraged to make presentations related to the mandate of the group at Canada meeting in consultation with the WG Chair.

WG-IDM Agenda Item 4: Exchange of information, knowledge & networking – website

WG-IDM Agenda Item 4.1: Website of the WG

7. In January 2018, the Central Office has requested WG members to provide interesting articles/ papers/ presentations/ documents related to the mandate of the WG for uploading it on the WG's website http://www.icid.org/wg_idm.html. In response, Dr. Amgad has suggested to upload the profile of each member and mailing list on the website of the WG and has also shown interest to share a number of papers and reports that related to the activities of the group. Dr. Amgad and Chair may provide further updates in the matter.

WG-IDM Agenda Item 4.2: Webinars/ Web based seminars

8. During Mexico meeting, the group discussed the importance of the webinar and agreed that as a very good platform of knowledge exchange and Chair encouraged members to suggest topics for webinars. Accordingly, the Central Office in January 2018 has requested the members to suggest topics for organization of the webinar. In response, Dr. Amgad has proposed the following topics for the webinar (a) Water information role in water management and reform; (b) Water accounting and standard; and (c) Water resources assessment framework – consistent and adaptable approach. The Central Office is in touch with Dr. Amgad for organizing a webinar in 2018. Response from other members are awaited. WG may like to discuss and suggest topics as well as name of expert to deliver webinar.

WG-IDM Agenda Item 5: Updating Multilingual Technical Dictionary (MTD)

9. At Mexico, Dr. Katsuyuki Shimizu (Japan) had volunteered to take up the task of updating the terms related to the MTD. Accordingly, Dr. Katsuyuki Shimizu in January 2018 has proposed to prepare a draft list of terms related to (5) Head works; (6) Design of irrigation canals; (7) Canal structures; (8) Project water management; (17) Operation, maintenance and management which will be circulated to the WG members for improvement. He also informed that he got a glossary related to agricultural engineering published by the domestic society (Japan Society of Irrigation, Drainage and Rural Engineering) and will pick up some related technical terms and make a draft list for further discussion among WG members in consultation with Chair and Vice Chair. Dr. Shimizu / Chair/ representative from Japanese National Committee will provide further updates at the meeting.

WG-IDM Agenda Item 6: Workshop on water balance approach

10. Due to paucity of time at Mexico meeting, no decisions were made on organization of a workshop on water balance approach in 2018. The group may like to discuss the matter of organization of a workshop during the meeting.

WG-IDM Agenda Item 7: Any other business



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 the WG report to PCTA meeting on 16 August 2018.

A. Members and their attendance at 2016 and 2017 meeting

| Sl. No. | Members | Member from (Year) | 2016 | | 2017 | | Remarks |
|---------------------------------------|--|--------------------|------|---------------------|----------------|---------------------|---------|
| | | | Self | Contributed by mail | Self | Contributed by mail | |
| 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 | • | | # ² | | |
| 5. | Ir. Mat Hussin Bin Ghani (Malaysia) | 2015 | | | # | | |
| 6. | VPH Francois Brelle (France) | 2015 | • | | | • | |
| 7. | Mr. Ming-Young Jan (Chinese Taipei) | 2015 | • | | • | | |
| 8. | Mr. Waleed Hassan (Egypt) | 2015 | | • | | • | |
| 9. | Dr. Amgad Elmahdi (Australia) | 2016 | | • | | • | |
| 10. | Dr. Narges Zohrabi (Iran) | 2016 | • | • | • | • | |
| 11. | Eng. Abd Elsalam Mohamed Salih Idriss (Sudan) | 2016 | | • | | | |
| 12. | Mr. G.L. Bansal (India) | 2016 | | • | | | |
| 13. | Eng. Mohammed Omar Makram Afify – Young Professional (Egypt) | 2017 | | | | • | |
| 14. | Mr. Tariq Altaf (Pakistan) | 2017 | | | | • | |
| 15. | Secretary General, ICID | | | | • | | |
| Permanent observers/ Observers | | | | | | | |
| (i) | VP Ian Makin (UK) | 2015 | | • | • | | |
| (ii) | VPH Hafied Gany (Indonesia) | 2015 | | • | | • | |

B. New nomination received from the National Committees/ Direct Member

| Sl. No. | Name | Country | Remarks |
|---------|--|---------|--|
| (1) | Prof. LB Roy – Direct Member | India | Recommended as member subject to his presence or else Provisional Member |
| (2) | Eng. El Sayed El Yamani Ali Sarkees | Egypt | Recommended as member subject to his presence or else Provisional Member |
| (3) | Dr. (Ms) Eman Ragab Mohamed Nofal - YP | Egypt | Recommended as member subject to her presence or else Provisional Member |



² Through representation

ROAD MAP TO ICID VISION 2030 – ALLOCATION OF TASKS

| Goal/ Strategies | Activities | Outcomes/ Outputs | Responsible person |
|--|--|---------------------------------------|------------------------------------|
| Goal A: Enable higher crop productivity with less water and energy | | | |
| A1. Strategy: Modernizing irrigation systems | 1.1 Develop a program for introducing standards for irrigation systems | Standards for Irrigation and Drainage | Dr Ming-Young Jan / Ms M J Gabriel |
| | 1.2 Report or case studies on recent development in Irrigation Drainage Management | Case studies Presented in WG meetings | Dr Narges Zohrabi |
| A6. Strategy: 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 Shimizu |
| | 6.7 Identify drivers and social resistances within the systems to improve Irrigation management | Report | TBD |
| Goal B: Be a catalyst for change in policies and practices | | | |
| B1.Strategy: Support development of appropriate policies | 1.14 Report on South-South cooperation for capacity development in the field of irrigation management | Report | TBD |
| B3. Strategy: Integrated Irrigation and Drainage Management | 3.1 Assess methods and develop guidelines on relevant water balance approach | Guidelines | Mr Ian Makin (to assist) |
| Goal C: Facilitate exchange of information, knowledge and technology | | | |
| C1.Strategy: Providing knowledge sharing platform for AWM professionals | 1.3 Organize Workshop, Seminar and Symposium on Water Balance Approach | Proceedings | TBD |
| C4.Strategy: Compile, Collate and Share Knowledge and Experiences | 4.9 Condensed overview of existing documents and practical examples on water balance approach | Technical Report | Ms MJ Gabriel |
| | 4.17 Overview paper on the Irrigation Development for publication in Irrigation and Drainage (IRD) | Technical Paper | TBD |
| Goal D: Enable Cross Disciplinary and Inter-Sectoral Engagement | | | |
| D2. Strategy: Developing Technical Documents in Non-technical Language | 2.3 Investigating and documenting the social and economic impacts of irrigation systems | Technical report | TBD |
| Goal E: Encourage research and support development of tools to extend innovation into field practices | | | |
| E6. Strategy: 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 | TBD |

