

**MINUTES OF THE 8<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON IRRIGATION DEVELOPMENT AND MANAGEMENT (WG-IDM)**

06 November 2023, 14:00-15:30 hours (Session I) and 16:00-17:30 hours (Session II)  
Visakhapatnam (Vizag), Andhra Pradesh State, India

**Strategy Theme: Schemes**

**Presented by the Chair**

**Year of Establishment: 2015**

**Completion of the Mandate: 2023**

**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 economic performance enhancement (cost reduction and efficiency improvement).

**Members present:** (1) Dr. Katsuyuki Shimizu, Secretary (Japan); (2) Dr. Hwa-Lung Yu (Chinese Taipei Committee); (3) Dr. Sheng-Wei Wang (Chinese Taipei Committee); (4) Prof. L.B. Roy – Direct Member (India); (5) Dr. Narges Zohrabi (Iran).

**Observers:** (1) Dr. Feng-Wen Chen (Chinese Taipei Committee); (2) Prof. Ming-Che Hu (Chinese Taipei Committee); (3) Prof. Kao, Ruey-Chy (Chinese Taipei Committee); (4) Dr. Ahmad Ghandhari (Iran); (5) Dr. Mona Liza F. Delos Reyes (Philippines).

**Website:** [http://icid-ciid.org/inner\\_page/118](http://icid-ciid.org/inner_page/118)

**WG-IDM Minutes Item 1: Action taken report by Chair**

1. In the absence of the Chair and Vice Chair, the Secretary Dr. Katsuyuki Shimizu (Japan) acted as Chair of the meeting. The group reviewed the nomination of Ms. Özlem YILDIZ (Turkey) and due to her non-attendance, the group accepted her as a Provisional Member. Membership status is given in **Annex 3, page 31**.

2. The group noted that Ms Mary Jean M. Gabriel (South Africa) retired from the position of Chair of the WG. The group members discussed and decided the new Chair and Vice-chair as follows:

- New Chair: Mr. Ahmet Seren (Turkey)
- New Vice Chair: Dr. Sheng-Wei Wang (Chinese Taipei Committee)
- Secretary: Dr. Katsuyuki Shimizu (Japan)

**WG-IDM Minutes Item 2: Road Map to ICID Vision 2030 – Status of activities on irrigation development and management**

3. The group discussed the Road Map to ICID Vision 2030 and provided the latest updates to PCTA mainly for the inclusion of Goal A Strategy A1 - Activity 1.1 and Goal C Strategy C4 - Activity 4.17 (refer to **Annex**). After discussion, members agreed to share the feedback/ comments on the draft of the reports on Activity 1.1, 4.17 (to Dr. Sheng-Wei Wang), and 2.3 (to Dr. Akie Mukai).

**WG-IDM Minutes Item 3: Presentation by the working members**

4. During the meeting, Dr. Sheng-Wei Wang (Chinese Taipei Committee) made two interesting presentations about his current progress in Activity 1.1 and 4.17.

**WG-IDM Minutes Item 4: Exchange of information, knowledge & networking -website**

5. The Chair requested all the members to share their ideas about the website and feedback for further development. The updated website of the group is available at [http://icid-ciid.org/inner\\_page/118](http://icid-ciid.org/inner_page/118)

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

6. The item could not be discussed in the absence of the person in charge of this task.

**WG-IDM Minutes Item 6: ICID Members' Profile Section**

7. The chair informed that as a new initiative, ICID had launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E> > informed all members on how to access their accounts and change their passwords to maintain accuracy.

**WG-IDM Minutes Item 7: World Irrigation and Drainage Schemes (WI&DS)**

8. The chair informed about ICID's initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

**WG-IDM Minutes Item 8: Any other business**

9. **Restructuring of the Working Group:** The Chair requested Dr. Kao Ruey Chy to deliver updated information about the restructuring of the WG to the members. The group members noted that during the 73<sup>rd</sup> International Executive Council (IEC) meeting in Adelaide, it was decided by the IEC to look into the possibility of integrating WGs of similar/ close mandates. With consultation of PCTA, PCSO, the Secretary General of ICID, and the ICID Central office, a tentative new structure was developed. Among the existing 18 groups, nine of them will complete their mandate in November 2023. The remaining working groups proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage; (2) Natural Resources; (3) Climate Change and Impacts; and (4) Sustainable Development. The chair informed the members that the proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74<sup>th</sup> IEC meeting. Under these four themes, WG-IDM joined with WG-SON-FARM under theme 1 (Irrigation and Drainage). The Chair discussed with the members and they had no objections to the restructuring of the WG. A report on the restructuring of the working groups is given in **IEC Annex 4, page 44**.



## Annex [Appendix XXVII, Item 2]

## ROAD MAP TO ICID VISION 2030 – ALLOCATION OF TASKS

Goal/ Strategies	Activities	Outcomes/ Outputs	Responsible person
<b>Goal A: Enable higher crop productivity with less water and energy</b>			
<b>A1. Strategy:</b> Modernizing irrigation systems	1.1 Develop a program for introducing standards for irrigation systems	Standards for Irrigation and Drainage	Dr. Sheng-Wei WANG
	1.2 Report or case studies on recent developments in Irrigation Drainage Management	Case studies Presented in WG meetings	Dr. Narges ZOHRABI Mr. Ahmet SEREN
<b>A6. Strategy:</b> Improving the 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. K SHIMIZU
	6.7 Identify drivers and social resistances within the systems to improve Irrigation management	Report	Mr. Ahmet SEREN Mr. Ian MAKIN (to assist)
<b>Goal B: Be a catalyst for change in policies and practices</b>			
<b>B1.Strategy:</b> Support the development of appropriate policies	1.14 Report on South-South cooperation for capacity development in the field of irrigation management	Report	Ms. M.Jean GABRIEL
<b>B3. Strategy:</b> Integrated Irrigation and Drainage Management	3.1 Assess methods and develop guidelines on relevant water balance approach	Guidelines	Dr. Amgad ELMAHDI Mr. Ian MAKIN (to assist)
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>			
<b>C1.Strategy:</b> Providing knowledge sharing platform for AWM professionals	1.3 Organize Workshop, Seminar and Symposium on Water Balance Approach	Proceedings	Dr. Amgad ELMAHDI
<b>C4.Strategy:</b> Compile, Collate and Share Knowledge and Experiences	4.9 Condensed overview of existing documents and practical examples on water balance approach	Technical Report	Ms. M.Jean GABRIEL
	4.17 Overview paper on the Irrigation Development for publication in Irrigation and Drainage (IRD)	Technical Paper	Dr. Sheng-Wei WANG
<b>Goal D: Enable Cross Disciplinary and Inter-Sectoral Engagement</b>			
<b>D2. Strategy:</b> Developing Technical Documents in Non-technical Language	2.3 Investigating and documenting the social and economic impacts of irrigation systems	Technical report	Dr. Akie MUKAI
<b>GOAL E: Encourage Research and Support Development of Tools to Extend Innovation into Field Practices</b>			
<b>E6. Strategy:</b> 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	Prof. LB ROY

