

**AGENDA FOR THE 8TH MEETING OF THE
WORKING GROUP ON WATER SAVING IN IRRIGATED AREAS (WG-WATS)**

06 November 2023, 09:30-11:00 hours (Session I) and 11:30-13:00 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) water accounting and irrigation auditing (and other ancillary uses); (b) irrigation water measuring devices; (c) assessment of water loss in various components of irrigation systems; (d) various methods and techniques used for water saving in irrigation; (e) policies and strategies for irrigation water saving; (f) charging for Irrigation Services; (g) success stories and best management practices in water saving; (h) tools and processes applied in irrigation water saving; (i) outreach of water saving technologies; and (j) WatSave Awards.

Webpage: http://icid-ciid.org/inner_page/108

WG-WATS 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 in November 2021.
2. In 2023, the Chinese Taipei Committee (CTCID) nominated Dr. Shao-Yiu Hsu while the Turkish National Committee on Irrigation and Drainage (TUCID) nominated Dr. (Ms.) Derya Coşkun and Mr. Egemen Gürsoy (Turkey) for the membership of the working group.
3. During the virtual meeting on 16 February 2023, the group accepted Dr. Mohamed El-Hagarey (Egypt) as Secretary of the WG. Dr. Shao-Yiu Hsu (Chinese Taipei Committee) attended the virtual meeting on 16 February and introduced himself while Mr. Egemen Gürsoy (Turkey) attended the virtual meeting on 25 July 2023.
4. VPH Dr. M. Hassan Amer (Egypt), Mr. Abijit Joshi – Direct Member, Jain Irrigation Systems Limited (JISL), Dr. Ashfaq Ahmed Sheikh (Pakistan), Prof. Michele Perniola (Italy), Eng. (Ms) Hala Ramadan El-Sayed Ismail (Egypt) have not contributed to the activities of the working group during the last two years.
5. Chair in consultation with the Vice Chair, Secretary of the WG, and the Central Office has updated the membership of the WG as given in **Annex 1** (*refer electronic version for the latest list*). New nominations, if any, for the membership received, will be dealt with suitably after the meeting.

WG-WATS Agenda Item 2: Brief of the virtual meeting organized in 2023

6. The first virtual meeting of WG-WATS was organized on 16 February 2023 while the second virtual meeting was organized on 25 July 2023. During the virtual meetings, Chair discussed various activities being undertaken by the WG as part of the Road Map to ICID Vision 2030, publication of the WG, organization of the internal workshop, etc. Minutes of the virtual meetings of all work body have been uploaded on a dedicated webpage - https://icid-ciid.org/inner_page/152 Chair will provide further updates at the meeting.

WG-WATS Agenda Item 3: Road Map to ICID Vision 2030 - Status of activities on water saving in irrigated areas

7. The group discussed the Road Map to ICID Vision 2030 with the members and updated it (*refer to Annex 2*). During the virtual meeting, Chair encouraged working group members to give a webinar and organize training courses with the scope of the working group in coordination with the ICID Central Office in New Delhi. Chair will provide further updates on activities as per the Roadmap.

WG-WATS Agenda Item 4: Preparation of Internal workshop in November 2023 at Vizag, India

8. During the virtual meeting on 25 July, the Chair and Dr. Mohamed El-Hagarey made a presentation on two topics for the internal workshop, the first one on 'Evaluation of the sprinkler irrigation systems' and the second one

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

on 'Save irrigation water and nutrients using the innovative machine and water management for rice crop cultivation (SWMR)'. Coordination will be made later with the ICID Central Office regarding the administrative matters of the workshop. Chair/Vice-Chair/Secretary of the working group forms the informal review committee. The Chair and Dr. Mohamed El-Hagarey showed their interest in preparing two scientific papers for the internal workshop.

9. Chair invited the WG members to prepare and submit scientific papers/ experiences for an internal workshop. The duration of the internal workshop is about 90 minutes (one-and-a-half hours) and takes place within the timeslot allotted for the WG meeting. Chair will provide further updates at the meeting.

WG-WATS Agenda Item 5: The Survey on Water Charging Policies

10. During the virtual meeting on 25 July, the chair prepared a presentation on the results of the survey, National Committees filled out this survey were China, France, Somalia, the United States, and Iraq (reviewing the reality of Water Charging Policies). Dr. Mohamed El-Hagarey presented the presentation to the audience.

11. During the virtual meeting in February 2023, the chairman and the members present suggested that the ICID Central Office remind the National Committees once again with a request to complete the survey. Accordingly, in March 2023, the ICID Central Office circulated the technical framework "Agricultural Water Charging" to all NCs and requested them to submit the completed content to finalize the report. Chair will provide further updates at the meeting.

WG-WATS Agenda Item 6: Presentation by the WatSave Award winner(s)

12. During the virtual meeting in February 2023, Chair provided an overview of the WatSave Annual Award and encouraged representatives of the National Committees to apply for this year. During the virtual meeting on 25 July, the Chair shared a brief of WatSave Award Winners for the year 2022. After discussion, it was proposed that coordination will be made with the ICID Central Office for this year 2023 to invite the upcoming winners to make a presentation of their work in November 2023 at Vizag, India. Chair will provide further updates at the meeting.

WG-WATS Agenda Item 7: Dissemination of activities of WG – Website of the group

13. During the virtual meetings, the group noted that the WG website (https://icid-ciid.org/inner_page/119) has been updated with the membership list, agenda, minutes, paper presentations, publications, etc. Chair requested members for their active participation in the activities of the WG and facilitate exchange of information, knowledge, and experience, as well as networking on the topic in order to keep themselves up-to-date with new developments in the various aspect of water saving.

14. Chair requested members to provide information, papers, and presentation made on topics related to the scope of work of the WG to the ICID Central Office for uploading on the website of the WG. Members may like to discuss and evolve the methodology for sharing information and updating of WG website.

WG-WATS Agenda Item 8: Updating Multilingual Technical Dictionary (MTD)

15. During the virtual meeting in July 2023, Chair informed that the Multilingual Technical Dictionary (MTD) is an e-dictionary of all technical terms related to irrigation, drainage, flood management, environment, river training, and allied disciplines of the water sector. Any term/ definition can be printed/copied with the option to download/update of terms from the ICID website. The MTD enriches the process of sharing and exchange of experiences and has proven to be highly useful for engineers, researchers, students, professionals, planners, designers, academics, and all others related to the field of irrigation and drainage. Chair requested members to review the MTD terms related to the mandate of the group and provide their views/suggestions (<https://icid-ciid.org/mtd/display.php?lang=en>)

WG-WATS Agenda Item 9: ICID Members' Profile Section

16. As a new initiative, ICID has 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. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

WG-WATS Agenda Item 10: World Irrigation and Drainage Schemes (WI&DS)

17. ICID has taken the 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)”. WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal < <https://wip.icidevents.org/> > in detail.

WG-WATS Agenda Item 11: Any other business

18. **Restructuring of the Working Group:** At the 73rd 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, 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 are proposed to be structured into 11 new working groups under four themes: (1) Irrigation and Drainage Water Management (Long-term activities); 2. Natural Resources Management (Medium-term activities); 3. Water Management under Climate Change & Water Scarcity (Medium to long-term activities); 4. Sustainable Development and Management: Capacity Building, History, Institutional and Socio-Economical Aspects of Irrigation and Drainage Schemes. (Long-term activities). Proposed restructuring and new structure of the WGs will be deliberated during PCTA and IEC meetings of the 74th IEC meetings to be held from 1-8 November 2023 at Vizag, India. Under these four themes, the WG-WATS has been included in theme 1 (Irrigation and Drainage Water Management) and proposed to be integrated with WG-SON-FARM. WG Chair will provide further updates during the meeting. A report on the restructuring of the working groups is given in **IEC Annex 5, page 23**.



NOTES FOR CHAIRPERSON:

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Vizag, India after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 07 November 2023.

A. Members and their attendance at 2021, 2022, and 2023 (virtual) meetings

| Sl. No. | Members | Member from (Year) | 2021 | | 2022 | | Attended virtual meetings in 2023 | Remarks |
|---------|--------------------------------------------------------------------------|--------------------|------|-------------|------|-------------|-----------------------------------|---------------------------------------------------------------------------------------------|
| | | | Self | Contributed | Self | Contributed | | |
| 1. | VP Engr. Rafat Nael Abdulghani Al-Intaki, Chair (Iraq) | 2020 | • | • | • | | • | |
| 2. | VPH Adama Sangare, Vice Chairman (Mali) | 2015 | | • | | | | |
| 3. | Dr. Mohamed ElHagarey, Secretary (Egypt) | 2018 | | • | | • | • | |
| 4. | VPH M. Hassan Amer (Egypt) | 2015 | | | | | | No contribution, recommended for discontinuation after the India meeting if no contribution |
| 5. | Dr. P. Soman – Direct Member, Jain Irrigation Systems Limited (JISL) | 2015 | | • | | | • | |
| 6. | Mr. Abijit Joshi – Direct Member, Jain Irrigation Systems Limited (JISL) | 2015 | | | | | | No contribution, recommended for discontinuation after the India meeting if no contribution |
| 7. | Ms. Jianxin Mu (China) | 2016 | | | | • | • | |
| 8. | Mr. Yalçın Dalgın (Turkey) | 2016 | | • | | | | |
| 9. | Dr. Ashfaq Ahmed Sheikh (Pakistan) | 2017 | | | | | | No contribution, recommended for discontinuation after the India meeting if no contribution |
| 10. | Prof. Michele Perniola (Italy) | 2017 | | | | | | No contribution, recommended for discontinuation after the India meeting if no contribution |
| 11. | Dr. Tasuku Kato (Japan) | 2018 | • | | | • | • | |
| 12. | Dr. Ray-Shyan Wu (Chinese Taipei Committee) | 2018 | • | | | • | • | |
| 13. | Eng. (Ms) Hala Ramadan El-Sayed Ismail (Egypt) | 2018 | | | | | | No contribution, recommended for discontinuation after the India meeting if no contribution |
| 14. | Mr. Isomiddin Akramov, (Uzbekistan) | 2019 | • | | | | | |
| 15. | Ir. Felipe Dantas (Australia) | 2019 | | • | | | | |
| 16. | Dr. Man Singh (India) | 2021 | | | | • | | |
| 17. | Dr. Deepak Khare (India) | 2021 | | • | | | • | |
| 18. | Dr. Muhammad Ashraf (Pakistan) | 2021 | | • | | | | |
| 19. | Prof. Qi Xuebin (China) | 2021 | • | | | • | • | |
| 20. | Prof. Gu Tao (China) | 2021 | • | • | | | | |
| 21. | Dr. Yujiang Xiong – Young Professional (China) | 2021 | • | • | | | | |

| Sl. No. | Members | Member from (Year) | 2021 | | 2022 | | Attended virtual meetings in 2023 | Remarks |
|---------|-----------------------------------------------------|--------------------|----------------|-------------|------|-------------|-----------------------------------|---------|
| | | | Self | Contributed | Self | Contributed | | |
| 22. | Ir. Wan Noorul Hafilah Binti Wan Ariffin (Malaysia) | 2022 | | | • | • | • | |
| 23. | Dr. Khumbulani Dhavu (South Africa) | 2022 | | | | • | | |
| 24. | Secretary General, ICID | | # ² | | | | | |
| | Permanent Observers | | | | | | | |
| (ii) | IWMI Representative | 2015 | | | | | | |
| (iii) | FAO Representative | 2015 | | | | | | |

B. New nominations received from the National Committee/ Committee

| # | Name | Country | Remarks |
|---|------------------------|--------------------------|----------------------------------------------------------------------------------------|
| 1 | Dr. Shao-Yiu Hsu | Chinese Taipei Committee | Recommended as a member, as he attended the virtual meetings in February and July 2023 |
| 2 | Dr. (Ms.) Derya Coşkun | Turkey | Recommended as a member, subject to her presence else a provisional member |
| 3 | Mr. Egemen Gürsoy | Turkey | Recommended as a member, as he attended the virtual meeting in July 2023 |



² Through representation

ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORKBODIES

| Goals/ Strategies | Activities | Outcomes/ Outputs | Milestone for Year 2018 | Milestone for Year 2019 | Milestone for Year 2020 | Milestone for Year 2021 | Milestone for Year 2022 | Milestone for Year 2023 |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| GOAL A: ENABLE HIGHER CROP PRODUCTIVITY WITH LESS WATER AND ENERGY | | | | | | | | |
| A3. Strategy: Improving water saving techniques and technologies | 3.1 Support Watsave award winner selection | Awards | Presenting Annual Watsave Awards | Presenting Annual Watsave Awards | Presenting Annual Watsave Awards | Presenting Annual Watsave Awards | Presenting Annual Watsave Awards | Presenting Annual Watsave Awards |
| | 3.2 Best Practices and Successful Story on Water Saving | Documents | Announcing annually for Watsave awards and selecting successful stories | Announcing annually for Watsave awards and selecting successful stories | Announcing annually for Watsave awards and selecting successful stories | Setting up 10 years respective work as the documents and release by CO (2010 -2020) | | |
| GOAL B: BE A CATALYST FOR CHANGE IN POLICIES AND PRACTICES | | | | | | | | |
| B1. Strategies: Supporting development of appropriate policies | 1.3 Disseminate the water saving award technologies | Workshop proceedings | | | | | | |
| | 1.4 Policy and legal approaches to Water Saving | Policies/ Document | -Workshop -Designing and preparing questionnaire to collect data | Collecting and reviewing relevant laws and regulations from NC | Providing first draft | Finalize the book on policies and strategies drives on water saving | | |
| | 1.5 Water Charging policies | Position paper | Designing Standard questionnaire | Reviewing Water Charging procedure on NC | Providing first paper | Final Paper | | |
| | 1.11 State of the art on water saving | Journal Paper | Preparation of the draft of first paper | Submission of first paper for IRD | Preparation of the draft of second paper | Submission of second paper for IRD | | |
| GOAL C: FACILITATE EXCHANGE OF INFORMATION, KNOWLEDGE AND TECHNOLOGY | | | | | | | | |
| C1. Strategies: Providing knowledge sharing platform for AWM professionals | 1.1 Organize Workshop, Seminar and Symposium | Compilation of proceedings | Workshop | | | Workshop | | |
| C4. Strategy: Compile, collate and share knowledge and experiences | 4.8 Condensed overview of existing key books, manuals, guidelines and other relevant publications on water saving | Technical report | Release the first report | | Release the second report | Release of third report | | |

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)

