MINUTES OF THE 7TH MEETING OF THE WORKING GROUP ON SUSTAINABLE ON-FARM IRRIGATION SYSTEM DEVELOPMENT (WG-SON-FARM)
07 October 2022, 09:00-10:45 hours
Adelaide, Australia

Strategy Theme: On-Farm
Presented by the Chairman

Year of Establishment: 2016
Extended completion of the Mandate: 2025

Mandate: (a) On-farm irrigation structures and water distribution system networks are properly designed, installed, managed, and maintained; (b) Soil moisture is monitored, technical and management measures for enhancing the water infiltration and retention capacities of soils are investigated and implemented; (c) Trade-offs among on-farm irrigation technologies, socio-economic and environmental benefits are optimized; (d) Innovative local institutional arrangements are developed and promoted for operation and maintenance; (e) Top-notch scientific and development relevant research is conducted and its results are translated into actionable recommendations.

Members Present: (1) Mr. Carl Walters, Vice Chair (Australia); (2) Dr. Chen, Ching-Tien represented by Hua Lung Yu (Chinese Taipei Committee); (3) Dr Yu-Min Wang represented by Yang Te Chuan (Chinese Taipei Committee); (4) Prof L.B. Roy, Direct Member (India); (5) Mr. Taku Mori (Japan); (6) Dr. Teoh Chin Chuang represented by Dr. Teoh (Malaysia); (7) Mr. Siboniso Phillip Michaliphi (South Africa).

Observers: (i) Han-Jung Huang (Chinese Taipei Committee); (ii) Ming-Yi Chen (Chinese Taipei Committee); (iii) Revalin Herdianto (Indonesia); (iv) Sarwo Edhy (Indonesia); (v) Foyya Aquino (Indonesia); (vi) Katsuhiko Yamauchi (Japan).

Website: http://icid-ciid.org/inner_page/121

WG-SON-FARM Minutes Item 1: Action taken report by Chair

1. In absence of Chair Dr. Randev, Vice Chair Carl Walters conducted the meeting as Chair and welcomed all the members by making a brief introduction to the participants after two years of attending the meetings virtually.

2. At the meeting, the group reviewed the nomination of Engr. Malik Muhammad Akram (Pakistan) and accepted as a ‘Provisional Member’ due to his non-attendance. Membership status is given in Annex 3 (page 29).

WG-SON-FARM Minutes Item 2: Road Map to ICID Vision 2030 – Status of activities on sustainable on-farm irrigation

3. The group discussed the Road Map to ICID Vision 2030 and provided the latest updates to PCTA for inclusion (refer to Annex). Also noted that the Country Papers developed by Australia and Malaysia as presented in the country paper Special Sessions / Workshop during the 73rd IEC could be considered as part of the Road Map to ICID Vision 2030.

WG-SON-FARM Minutes Item 2.1: Publications of the group

4. After discussion with the members, the Chair suggested that the paper of Mr. Taku Mori was in the final stages of completion. The developed online tool to assess the efficient or effective use of centre pivot irrigators has been completed and released.

WG-SON-FARM Minutes Item 3: Collection and collation of micro and sprinkler data

5. At the meeting, WG discussed the compilation of micro and sprinkler data and suggested that members through their country may support updating the database.

WG-SON-FARM Minutes Item 4: Dissemination of activities of WG

6. WG noted and suggested that all members may be reminded to provide documents related to the mandate of the WG for uploading on the website to ensure that works related to the activities of the group be communicated. Also encouraged members to update their profiles on the website i.e. member section to reflect activities as well.

WG-SON-FARM Minutes Item 5: Updating Multilingual Technical Dictionary (MTD)
7. The group discussed the updating of the Multilingual Technical Dictionary (MTD) and suggested that members may consider updating the MTD for improvements.

WG-SON-FARM Minutes Item 6: 10th International Micro Irrigation Conference in January 2023, Morocco

8. No Moroccan members participated in the meeting and hence, the discussion on the 10th International Micro Irrigation Conference was deferred.

WG-SON-FARM Minutes Item 7: International Workshop on Micro Irrigation Systems Impacting Agricultural Growth and Farm Incomes, 2023

9. Chair discussed with members and suggested that the group may consider the organization of a workshop on the adoption of technology and barriers as identified by end users during the IEC and 25th ICID Congress in India in November 2023. The group also recommended a virtual meeting be organized in February or March 2023 to pursue the arrangement of a Congress session or workshop under WG-SON-FARM.

WG-SON-FARM Minutes Item 8: Any other business

WG-SON-FARM Minutes Item 8.1: Members Profiles

10. Updating members’ profiles on the ICID member section was discussed and suggested that proactive efforts should be made by the members of the WG to update profiles and include activities that may or may not fit under the WG-SON-FARM mandate.

WG-SON-FARM Minutes Item 8.2: COVID-19 and Global Conflict issues

11. The COVID-19 and global conflict issues from across the members were shared and challenges included labour shortages where workers were either impacted or reconsidering their work life, commodity price increases due to shortage, or perhaps redirected priorities such as garlic and ginger. Most countries had an exemption from restrictions for the agriculture sector. Chinese Taipei Committee was not impacted directly due to their island status although commodity prices were impacted. The manual labour maintenance of canals and systems was impacted across most sectors.

WG-SON-FARM Minutes Item 8.3: Mandate of the WG/Committee

12. The mandate was discussed and the process to bring issues, papers, and proposals to the WG with consensus to provide proactive opportunities as seen fit by members. Encouraged to bring issues to the group to allow like-minded colleagues to support or develop thoughts in support or discussion of the issues. As considered in ICID Challenges sessions and supported by President Dr. Ragab, creating, and supporting the adoption of science by end users has now become a critical aspect of ICID. This is to avoid increasing irrelevance as we derive ways to seek the adoption of more efficient or effective practices.

13. Succession for the ageing farmers and their workforce was discussed with the key adoption of new technologies that are being developed.

WG-SON-FARM Minutes Item 8.4: Workshop in 2023

14. Adoption of sustainable or best practice a barrier was proposed and could be considered during the online meeting in February 2023.
### ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES

<table>
<thead>
<tr>
<th>Goals/Strategies</th>
<th>Activities</th>
<th>Outcomes/Outputs</th>
<th>Milestone for Year 2017</th>
<th>Milestone for Year 2018</th>
<th>Milestone for Year 2019</th>
<th>Milestone for Year 2020</th>
<th>Milestone for Year 2021</th>
<th>Milestone for Year 2022</th>
<th>Milestone for Year 2023</th>
<th>Milestone for Year 2024</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td><strong>Goal A: Enable higher crop productivity with less water and energy</strong></td>
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<tr>
<td>A1.Strategy: Modernizing irrigation systems</td>
<td>1.3 Prepare country overview papers</td>
<td>Papers</td>
<td>Prepare two country overview papers</td>
<td>Prepare one country overview paper</td>
<td>Prepare two country overview papers</td>
<td>Prepare one country overview paper</td>
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<td>5.2 Develop a position paper on key issues on sustainable on-farm irrigation systems</td>
<td>Position paper</td>
<td>Prepare first draft paper</td>
<td>Finalize the position paper</td>
<td>Prepare second draft paper</td>
<td>Finalize the position paper</td>
<td>Prepare second draft paper</td>
<td>Finalize the position paper</td>
<td>Prepare one position paper</td>
<td>Prepare one position paper</td>
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<td><strong>Goal C: Facilitate exchange of information, knowledge and technology</strong></td>
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<td>C3.Strategy: Promoting regional cooperation</td>
<td>3.9 Organize international workshop, seminar or symposium</td>
<td>Compilation proceedings</td>
<td>First internal Workshop</td>
<td>Organization of the 9th International Micro Irrigation Conference (IMIC) in January 2019 in Aurangabad, India</td>
<td>Hosted 9th International Micro Irrigation Conference (IMIC) in January 2019 in Aurangabad, India</td>
<td>Second workshop</td>
<td>Third workshop</td>
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<td>4.27 Research article on state of the art for publication in Irrigation and Drainage Journal</td>
<td>Study report</td>
<td>Prepare one article</td>
<td>Publication in Journal</td>
<td>Prepare one article</td>
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<td><strong>Goal E: Encourage Research and Support Development of Tools to Extend Innovation into Field Practices</strong></td>
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<td>E2. Strategy: Strengthening Extension Services with AWM information</td>
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<td>5.2 Datasets for Pressurized Irrigation Systems</td>
<td>Database</td>
<td>Updating database</td>
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(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)