

**AGENDA FOR THE 3<sup>RD</sup> MEETING OF THE  
WORKING GROUP ON SUSTAINABLE ON-FARM IRRIGATION  
SYSTEM DEVELOPMENT (WG-SON-FARM)**

15 August 2018, 09.00-10.30 hours  
Saskatoon, Saskatchewan, Canada

**Strategy Theme: On-Farm**

**Presented by the Chairman**

**Year of Establishment: 2016**

**Extended the completion of the Mandate: 2022**

**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.

**Website:** <http://wg-on-farm.icidonline.org/>

**WG-SON-FARM Agenda Item 1: Action taken report by Chair<sup>1</sup>**

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 work bodies 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 Dr. Ibrahim Mohamed Mahmoud while Prof. LB Roy, Direct Member (India) has nominated himself for the membership of the group. Mr. Hassan Shantia (Iran), Dr. Abraham Mehrai Haile (The Netherlands), Dr. Dickson Ahagbuje (Nigeria), Mr. Muhammad Tahir Anwar (Pakistan), Dr. Zhang Guohua – Young Professional (China), Mr. Suhad Jassim Obeed (Iraq), Mr. Hussein Shanan Abid – Young Professional (Iraq) have not contributed to the activities of the group during last two years. 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-SON-FARM Agenda Item 2: Road Map to ICID Vision 2030 – Status of activities on sustainable on-farm irrigation**

4. At Mexico meeting, the group keeping in view the revised scope and mandate and availability of resources for achieving various activities modified the Road Map (refer **Annex 2**). As a part of action plan, WG successfully organized the internal workshop during Mexico meeting and received six papers. During the Mexico meeting, the 68<sup>th</sup> 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

<sup>1</sup> This will also include details of membership of WG as **Annex**

updates on the action taken by them on the assigned task. WG Chair will provide further updates at the meeting on the status of action points identified under various strategies for action.

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

6. At Mexico, the Chair encouraged members to access the website and provide the updated information in respect of data pertaining to their countries so that the datasheet of Sprinkler and Micro Irrigation can be updated regularly. The updated table of total sprinkler and micro area (in descending order) is available at <http://www.icid.org/sprinklerandmicro.pdf>. The ICID CO has followed-up with the members/ NCs and encouraged them to provide the latest information. Chair will provide further updates at the meeting and members will discuss status of micro and sprinkler irrigation in different regions/countries.

**WG-SON-FARM Agenda Item 4: Publications of the working group**

**WG-SON-FARM Agenda Item 4.1: Article on “Improvement of the On-Farm Irrigation Systems Using Simple Water Control, Measuring and Application Devices”**

7. At Mexico, the group noted that article “Improvement of the on-farm irrigation systems using simple water control, measuring and application devices” was under final stage for possible publication in the ICID Journal. The group may discuss present status of article and actions required for its early completion.

**WG-SON-FARM Agenda Item 4.2: Paper on “Micro irrigation for smallholders and greenhouses”**

8. During Mexico meeting, the members noted that the paper “Micro irrigation for smallholders and greenhouses” was under final stage for possible publication in the ICID Journal. The finalization of the paper is pending for the last two years so the group may like to discuss about actions required for its completion.

**WG-SON-FARM Agenda Item 5: Dissemination of activities of WG**

**WG-SON-FARM Agenda Item 5.1: Website of the group**

9. The website of the working group <http://wg-on-farm.icidonline.org/> is fully updated with new membership list, agenda, minutes etc. During Mexico meeting, WG Chair encouraged all members to share information, knowledge & experience and provide papers, presentations, articles, reports etc. related to scope of the WG to ICID Central Office for uploading on the WG website for wider dissemination. Accordingly, the ICID CO has followed-up with the members and requested them to share the articles/ documents related to the mandate of the group for uploading it on the WG's website. Chair will provide further updates at the meeting and members will discuss about evolving mechanism for sharing of information.

**WG-SON-FARM Agenda Item 5.2: Webinar/ Web based seminar**

10. At Mexico, the group Chair noted the importance of the organization of the webinars and requested all members to suggest a few topics based on the mandate of the WG on which webinar can be considered. During the meeting, Dr. Graziano Ghinassi (Italy) had agreed to take lead in delivering a webinar. Accordingly, ICID CO's follow-up and in response Dr. Ghinassi informed that he is ready organize the webinar in September 2018 as field trials are ongoing and results are awaited. The ICID CO further requested him to provide the title of the webinar along with a brief concept note on the topic and identify a suitable expert who can act as a panellist during the webinar and may assist him in answering the questions raised by the audience. Dr. Ghinassi will provide further updates at the meeting.

**WG-SON-FARM Agenda Item 6: Updating Multilingual Technical Dictionary (MTD)**

11. During Mexico meeting, the group discussed about updating of MTD and after discussion, the Chair encouraged members to undertake the review of the concerned terms depending on their domain of expertise and suggest changes / modifications and additions of new term(s), if any along with pictures, links and videos related to respective term(s). However, due to limited time, nominating a suitable professional for TF-MTD was not discussed by the group. The group may discuss issue of updation of MTD and nominate a suitable professional to represent WG in TF-MTD.

**WG-SON-FARM Agenda Item 7: Joint Session of Strategy Theme On-Farm, August 2018, Canada**

12. During Mexico meeting, the group successfully organized an internal workshop on the theme “Sustainable on-farm irrigation systems for higher crops’ productivity” with the objective to discuss and share the experiences and knowledge on on-farm irrigation for which about six papers were received.

13. At Mexico, the Terms of Reference (TOR) of Sub-Committee on Themes, Topics and Work Plans for Future ICID Events (SC-E-THEMES) had been revised to make the WG meetings/ sessions technically richer and beneficial to the stakeholders and industries by exploring the ways of combining the meetings of work bodies with areas of common interest or holding webinars, etc. The SC-E-THEME during its meeting on 10 April 2018 suggested to make the meetings of the WG more-lively and reduce overall duration of the ICID events and suggested to explore possibility of organizing joint session of WG under strategy theme ON-Farm. Accordingly, it is proposed to organize a Joint Session of three WGs under Strategy Theme On-Farm on 15 August 2018 in Canada during 69<sup>th</sup> IEC. WG-WATER & CROPS, WG-SON-FARM and WG-NCWRI (earlier PQW) falls under the theme 'ON-FARM'. In this respect, 1<sup>st</sup> online WebEx meeting to organize a Joint Session of Strategy Theme On-Farm is being organized on 7 June 2018.

**WG-SON-FARM Agenda Item 8: Organization of 9<sup>th</sup> International Micro Irrigation Conference, 16-18 January 2019, Aurangabad, India**

14. The Indian National Committee on Surface Water (INCSW) is organizing the 9th International Micro irrigation Conference (IMIC) from 16-18 January 2019 in Aurangabad, Maharashtra, India on the theme 'Micro Irrigation in Modern Agriculture.' The 9<sup>th</sup> IMIC will bring interesting and thought-provoking topics and speakers at the conference. Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India has set up organizing committee, technical and scientific committee and steering committee with representation from ICID for organizing 9MIC. ICID is nominating few members of the WG in the technical and scientific committee which is mandated to finalize technical sessions, list of speakers, keynote speakers, programme etc. The Technical and scientific committee held its first meeting on 15 May 2018 deliberated on sub-themes and slightly modified these to take care of some specific issues. The modified sub-themes of the conference are - (i) Micro Irrigation Design, Innovations and New Techniques for Increased Crop Productivity; (ii) Financing of Micro Irrigation; (iii) Micro Irrigation for Cluster Level Farming and Smallholder Farmers and (iv) O&M Services and Capacity Development for the Micro Irrigation Systems. Abstract can be submitted directly to INCSW by accessing the link <https://imic2019.ivyleaguesystems.com/login/>. The last date for submission of synopsis/ abstract is kept as 30 June 2018 while submission of full-length paper is 30 September 2018. WG will provide technical guidance for organizing the above conference. Members are requested to actively contribute to the 9<sup>th</sup> IMIC by submitting abstracts/ papers to the conference. INCSW representative will provide further updates at the meeting.

**WG-SON-FARM Agenda Item 9: 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 of the working group at 2016 and 2017 meetings**

Sl. No.	Members	Member from (Year)	2016		2017		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Dr. A.K. Randev, Chairman, 2016 (India)	2015	•	•	•	•	
2.	Mr. Carl Walters, Vice Chair, 2016 (Australia)	2015	•	•	#	•	
3.	Mr. Suman Sijapati, Secretary, 2016 (Nepal)	2015	•	•	•	•	
4.	Dr. Graziano Ghinassi (Italy)	2015		•	•	•	
5.	Mr. Hassan Shantia (Iran)	2015					No contribution, recommended for discontinuation after Canada meeting if no contribution.
6.	Dr. Abraham Mehari Haile (The Netherlands)	2015					No contribution, recommended for discontinuation after Canada meeting if no contribution.
7.	Mr. Mohd Yazid bin Abdullah (Malaysia)	2015		•			
8.	Dr. Akira Iwamoto (Japan)	2015	•		•		
9.	Dr. Chen, Ching-Tien (Chinese Taipei)	2015	•	•	•	•	
10.	Dr. Dickson Ahagbuje (Nigeria)	2015					No contribution, recommended for discontinuation after Canada meeting if no contribution.
11.	Mr. Bashu Dev Lohanee (Nepal)	2015	•	•	•		
12.	Dr. Hossein Dehghanisanij (Iran)	2015	•		•	•	
13.	Mr. Muhammad Tahir Anwar (Pakistan)	2015					No contribution, recommended for discontinuation after Canada meeting if no contribution.
14.	Mr. S.P. Jadhav (Direct Member), JISL (India)	2015		•			
15.	Mr. Siboniso Phillip Mkhali (South Africa)	2015			•		
16.	Mr. Ömer Faruk Akbulut (Turkey)	2015	•	•	•		
17.	Mr. Yao Bin (China)	2016			#		
18.	Dr. Zhang Guohua, Young Professional (China)	2016					No contribution, recommended for discontinuation after Canada meeting if no contribution.
19.	Prof. Chang Eon Park (Korea, Rep. of)	2016		•	•		

Sl. No.	Members	Member from (Year)	2016		2017		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
20.	Eng. S. Mohanarajah (Sri Lanka)	2016		•		•	
21.	Mr. Suhad Jassim Obeed (Iraq)	2016					No contribution, recommended for discontinuation after Canada meeting if no contribution.
22.	Mr. Hussein Shanan Abid Al-Hussein, Young Professional (Iraq)	2016					No contribution, recommended for discontinuation after Canada meeting if no contribution.
23.	Secretary General, ICID						
	<b>Observers/ Permanent Observers</b>						
(i)	Mr. Sher Singh (India)						
(ii)	Mr. M.S. Sudhakar (Direct Member), JISL (India)						
(iii)	Mr. Abijit Joshi (Direct Member), JISL (India)						
(iv)	Dr. Jano Anter (Germany)						
(v)	Mr. Bruno Molle (ISO)						
(vi)	FAO Representative						

**B. New nominations received from the National Committee/ Direct Member**

Sl. No.	Name	Country	Remarks
1	Dr. Ibrahim Mohamed Mahmoud	Egypt	Recommended as member, subject to his presence else provisional member
2	Prof. LB Roy – Direct Member	India	Recommended as member, subject to his presence else provisional member



**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
<b>Goal A: Enable higher crop productivity with less water and energy</b>							
<b>A1.Strategy:</b> Modernizing irrigation systems	1.3 Prepare country overview papers	Papers	Prepare two country overview papers	Prepare one country overview paper	Prepare two country overview papers		
<b>A5.Strategy:</b> Supporting water productivity enhancement	5.1 Prepare how to do thematic documents ready	Technical Document	Prepare one how-to-do document	Prepare one how-to-do document	Prepare one how-to-do document	Prepare one how-to-do document	Prepare one how-to-do document
	5.2 Develop a position paper on key issues on sustainable on-farm irrigation systems	Position paper	Prepare first draft paper	Finalize the position paper	Prepare second draft paper	Finalize the position paper	
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>							
<b>C3.Strategy:</b> Promoting regional cooperation	3.9 Organize international workshop, seminar or symposium	Compilation of proceedings	First internal Workshop	Organization of the 9th International Micro Irrigation Conference (IMIC) in January 2019 at Aurangabad, India	Hosting of 9th International Micro Irrigation Conference (IMIC) in January 2019 at Aurangabad, India	Second workshop	Third workshop
<b>C4. Strategy:</b> Compile, collate and share knowledge and experiences	4.20 Database on sprinkler and micro irrigation in the world	Database	Updating database	Updating database	Updating database	Updating database	Updating database
	4.27 Research article on state of the art for publication in Irrigation and Drainage Journal	Study report	Prepare one article	Publication in Journal	Prepare one article	Publication in Journal	Prepare one article
<b>Goal E: Encourage Research and Support Development of Tools to Extend Innovation into Field Practices</b>							
<b>E2. Strategy:</b> Strengthening Extension Services with AWM information							
<b>E5.Strategy:</b> Compilation of Global Data Sets on Irrigation and Drainage	5.1 Datasets for irrigated area	Database	Updating database	Updating database	Updating database	Updating database	Updating database
	5.2 Datasets for Pressurised Irrigation Systems	Database	Updating database	Updating database	Updating database	Updating database	Updating database

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



