

**Minutes of the 22nd Meeting of the
WORKING GROUP ON USE OF POOR QUALITY WATER FOR IRRIGATION (WG-PQW)**

11 October 2017, 13.30-15.00 hours (Session I)
11 October 2017, 15.30-17.00 hours (Session II)
Mexico City, Mexico

Strategy Theme: On-Farm

Presented by the Chair

Year of Establishment: 1995

Extended completion of the Mandate: 2017

Mandate: To promote a safe and good management of poor quality water for irrigation, to minimize the negative impact on human health and the environment, to promote the multiple use of poor quality water, and to give consideration to the institutional and legislation aspects with regard to the use of poor quality waters.

Members Present: (1) Dr. Wenyong Wu (China); (2) Vice President Hon. Dr. Karim Shiati (Iran); (3) Dr Anna Tedeschi (Italy); (4) Dr. Takanori Nagano (Japan); (5) Vice President Hon. Ragab Ragab (UK); (6) Dr. Vijay Labhsetwar represented Secretary General Avinash Tyagi.

Observers: (i) President Hon. Gao Zhanyi (China); (ii) Dr. Naresh Modi (India); (iii) Dr. Graziano Ghinassi (Italy); (iv) Dr. Marco Arcieri (Italy); (v) Dr. Akira Iwamoto (Japan); (vi) VP Bong Hoon Lee (Republic of Korea); (vii) Dr. Wonho Nam (Republic of Korea); (viii) Dr. Jisun Kim (Republic of Korea); (ix) VP Madhav Belbase (Nepal).

Website: <http://wg-pqw.icidonline.org/>

Note: VPH Dr. Ragab Ragab Chaired and conducted the meeting as Chair Dr. Samia El-Guindy (Egypt) was unable to attend Mexico meetings.

WG-PQW Minutes Item 1: Action taken report by Chair

1. At the onset, VPH Ragab welcomed all the members and briefed them on the activities of the group. The Chair informed the Group that a Scoping Document for the new "Working Group on Non-Conventional Water Resources for Irrigation (WG-NCWRI) has been prepared by Dr. Anna Tedeschi (Italy) and Dr. Wenyong Wu (China) and finally revised by VPH Dr. Ragab Ragab (UK). The Scoping Document (SD) for WG-NCWRI will be presented to PCTA for approval. After approval, the activities of the WG as planned and documented in the SD will start prior to the next meeting in Saskatoon in 2018.

2. Two nominations, namely Dr. Seung Heon Lee (Republic of Korea) and Dr. (Ms.) Anna Tedeschi (Italy), were received. VP Bong Hoon Lee represented Dr. Lee and briefly introduced him. The group accepted the nomination of Dr. Seung Heon Lee as Provisional Member. However, Dr. Tedeschi was present and the Chair highlighted her academic qualifications, previous services to the group as its Secretary and her contributions in the field of non-conventional water resources. The group accepted her as a regular member. Membership status is given in **Annex 7 (page 55)**.

WG-PQW Minutes Item 2: Road Map to ICID Vision 2030 - Activities on use of poor quality water for irrigation

3. The group reviewed and discussed the Road Map to ICID Vision 2030. After deliberations on the action plan of the WG, the group informed that the SD prepared is in line with the vision of the "Road Map to ICID Vision 2030" and the planned activities of the new WG have been documented in the SD. The group felt that the activities of Non-Conventional Water Resources for Irrigation feeds into the vision of Goal A 7 and the activities of the WG that will focus on the use of waste water will contribute to the required information on practices for sustainable management.

WG-PQW Minutes Item 3: Publications of the working group

4. During the meeting, the group noted that due to non-availability of three papers, the Technical Paper of the WG is still pending for finalization. Therefore, it was proposed to request the Central Office to follow-up with Dr. Biswas, Dr. Vincent and Prof. Rensburg to send the final papers as their contribution to the Chair.

WG-PQW Minutes Item 4: Exchange of information, knowledge & networking - Website

5. VPH Dr. Ragab informed that in order to facilitate easy access to SALTMED course on the website of the ICID, a set of links were created to download the model and learn useful information to use it. He also informed the group that once the Technical paper is complete, it would be uploaded on the website as well. Nevertheless, the website is open to receive papers and useful information to be shared with the WG member and ICID members in general. The Chair invited all the members to send papers/ presentations/ reports to him by e-mail so that it can upload on the website for dissemination.

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

6. The Chair reminded that ICID Central Office makes available an online version of the Multilingual Technical Dictionary (MTD) through ICID website. Therefore, the Chair invited the members again to undertake the review of the concerned terminologies (*as per individual expertise*) and suggest modifications and/ or addition of new terminologies along with related illustrations, links and/or videos related to respective terminology. Dr. Takatori Nagano (Japan) reported that by searching a word on the MTD, only English version is available. However, Dr Vijay Labhsetwar explained that the user can see the 'French' terms by changing the language to 'French' from the drop-down options. Further, registered members can also see the available terms chapter wise in all available languages.

WG-PQW Minutes Item 6: Country presentations by members

7. Dr. Wenyong Wu (China) made a presentation on "*Behavior and risks of organic pollutants in reclaimed water irrigation (RWI)*" during the meeting. The group suggested to upload the presentation on the website of the WG.

WG-PQW Minutes Item 7: Special Session on Wastewater, Mexico, October 2017

8. VPH Dr. Ragab provided a brief report of the Special Session on "*Irrigation techniques for reuse of wastewater in agriculture and its impact on health and environment*" organized during 23rd Congress. It was pointed out that the wastewater generated by domestic, commercial, and industrial sectors, is normally used for crop production in an untreated or partly treated form. Further, a range of advanced wastewater treatment techniques were available to produce effluents suitable for agriculture production resulting in an additional source of water. However, the existence of such techniques is not enough to guarantee that proper application of treated effluent in agricultural irrigation occurs. For that, it is not only necessary to define irrigation water quality standards but also to evaluate whether such standards are met with the application of specific treatment techniques. With regard to the first aspect, several guidelines on water treatment were presented in two sessions of Special Session during the 23rd ICID Congress.

WG-PQW Minutes Item 8: Closure report and Scoping Document of the Working Group

9. The group discussed the draft Scoping Document for the establishment of the new WG. During the meeting, the Chair briefly presented several activities covered in the SD. The Chair also emphasized on how the current Nexus considers only the fresh water and it would be innovative for the WG to include NCWRI in the Nexus.

WG-PQW Minutes Item 9: Any other business

10. The acting Chairman informed the members that the Current Chair VPH Dr Samia El-Guindy has not been attending the meetings for last two years for various reasons and desired to step down from the Chairmanship of the WG. The members acknowledged her contributions as Chairperson since 2011 and as a member since 1999 and appreciated her efforts over the years.

11. As a consequence, the acting Chair opened the door for selecting a new Chair for which the former WG Secretary Dr. Anna Tedeschi was proposed as the new Chair. The Chair of the Italian National Committee Dr. Marco Arcieri addressed the WG in support of Dr Anna Tedeschi and endorsed her for new post and promised a continuous support over the years to come. Following this endorsement, Dr. Wenyong Wu (China) was proposed as the new Secretary of the WG given his contributions to the SD and his work which he presented during the meeting. He was also endorsed by President Hon. Gao Zhanyi who spoke highly of him. Both, the Chair and the Secretary were endorsed in favour by the group. The group wished both, the new Chair and the new Secretary all the best with the future directions envisaged in the SD.

