

Agenda for the Fifteenth Meeting of the
WORKING GROUP ON USE OF POOR QUALITY WATER FOR IRRIGATION (WG-PQW)
 Yogyakarta, Indonesia
 13 October 2010 : 13.30-17.00 hours
Strategy Theme: On-Farm

Year of Establishment: 1995

Completion of the Mandate: 2013

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: (1) Dr. Ragab Ragab, Chairman (UK, 1997); (2) Dr. Frans Huibers, Secretary (Netherlands, 1999); (3) VPH Dr. Karim Shiati (Iran, 1997); (4) Dr. H. M. du Plessis (South Africa, 1998); (5) Dr. Jan Salek (Czech Rep., 1998); (6) Dr. N.K. Tyagi (India, 1998); (7) Mr. Jose Manuel Arango Maldonado (Mexico, 1998); (8) Dr. Wen-Lin Chang (Chinese Taipei, 1998); (9) VPH Dr. Gao Zhanyi (China, 1998); (10) VP Dr. Samia El-Guindy (Egypt, 1999); (11) Dr. Ramzan Choudhry (Pakistan, 2000); (12) Mr. C.G. Croke (Australia, 2001); (13) Mr. Martin Roche (USA, 2002); (14) Ms. Esther O. Ogunniyi (Nigeria, 2002); (15) Mr. Ghannami Mohamed (Morocco, 2003); (16) Mr. Bernard Vincent (France, 2003); (17) Dr. Jorge Tarchitsky (Israel, 2004); (18) Dr. Makoto Yokozawa (Japan, 2009); and (19) Secretary General, ICID

Permanent Observer: (i) FAO Representative; and (ii) ICBA Representative (UAE).

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

Item 1 : Confirmation of the minutes of the 14th meeting of the Working Group held at New Delhi

The minutes of the 14th meeting of the Working Group held at New Delhi in December 2009 will be confirmed.

Item 2 : Review of the membership of the Working Group

No new nomination was received by the Central Office for the membership of the WG.

At the New Delhi meeting, the following nominations were deferred due to their nonattendance:

- Dr. Jinzhong Yang to replace Dr. Gao Zhanyi (China)
- Mr. Bekbayev Ussen (Kazakhstan)
- Dr. Paramjit Singh Minhas to replace Dr. N.K. Tyagi (India)
- Mr. M. Sidhu to replace Mr. Maghmoom Muhammad Iqbal/ Dr. Ramzan Choudhry (Pakistan)

The Central Office had informed the WG's decision to the respective National Committees (copied to the nominees) to advise their nominees to attend the 15th meeting of the WG at Yogyakarta for consideration of their membership. CVs of the above nominees will be tabled at the meeting.

Attendance of members at the meetings held in 2008 and 2009 will be circulated at the meeting.

CONTINUING ITEMS

Item 3 : Database on water salinity/irrigation with highly saline water for salt tolerant halophytes and crops and use of wastewater related to agriculture

At the New Delhi meeting, Dr. Frans Huibers provided information on the IWA publication "*Water Reuse: An International Survey of Current Practice, Issues and Needs*". The 1st Chapter of the book gives an extensive

overview of wastewater use worldwide while the 5th Chapter provides a brief on wastewater irrigation and health: Challenges and Outlook for Mitigating Risks in Low-Income Countries. Both the chapters are available online and were circulated among members. The details of the IWA book can be viewed at <http://www.iwapublishing.com>

Dr. Huibers may like to provide further updates at the meeting.

The following technical papers related to wastewater reuse may be of interest to the members:

- 'Wastewater production, treatment, and irrigation in Middle East and North Africa' by Manzoor Qadir, Akissa Bahri, Toshio Sato, and Esmat Al-Karadsheh, published online: 'Irrigation and Drainage System', (2010) 24:37–51
- 'The role and place of global surveys for assessing wastewater irrigation' by Liqa Raschid-Sally, published online: 'Irrigation and Drainage System', (2010) 24:5–21

Members are encouraged to inform about the other related publication/ papers to the Chairman.

Item 4 : Cooperation with other Workbodies and International Organizations

4.1 Cooperation with ICID workbodies

During the New Delhi meeting, the Chairman informed about his liaising/ active participation in other ICID workbodies. He has contributed a chapter in a book compiled by the WG-DROUGHT, and participated in the meeting of WG-CLIMATE.

4.2 Cooperation with International Organizations

- **United Nations Environment Programme (UNEP)**

The UNEP and UN-HABITAT in partnership with members of UN Water jointly has brought out an interesting report titled "*Sick Water: The Central Role of Wastewater Management in Sustainable Development*" (launched on World Water Day, 22 March 2010). Central Office has circulated the report and the agenda of the Geneva meeting amongst all members of the WG.

The UNEP Global Programme of Action for the Protection of the Marine Environment from Land-Based Activities (GPA) organized the inaugural meeting of the UN-Water Taskforce on Wastewater at the offices of the World Health Organization in Geneva, Switzerland on 9 June 2010. The meeting brought together over 30 representatives from 23 organizations and was followed by a Multi-Stakeholder Partnership meeting from 10-11 June 2010. The meetings used the six recommendations of the "Sick Water" report as the starting point for their discussions. Participants addressed the possible elements of the Multi-Stakeholder Collaborative Agenda on Wastewater, which will be a major product of the Taskforce. They identified the major causes of the wastewater challenge, namely: weak national policies/ standards and limited capacity at the municipal level; and community perceptions/ attitudes towards the re-use of wastewater. Meeting participants also recommended a number of immediate and longer-term actions that will contribute to the Collaborative Agenda and directly tackle the wastewater challenge, including: enhancing communication, capacity building and science; developing interaction with the climate change and food security agendas; carrying out field projects and twinning; exploring wastewater financing approaches; and documenting the economic valuation of ecosystem services affected by wastewater. (Source: MEA Bulletin, Issue N° 97, www.iisd.ca).

Dr. Frans Huibers, Secretary of the WG has attended the above meeting on behalf of ICID/ WG-PQW.

Dr. Huibers will appraise the outcome of the Geneva meeting.

- **UN-Water Decade Programme on Capacity Development (UNW-DPC)**

During the 16th International Trade Fair for 'Water, Sewage, Refuse and Recycling IFAT' scheduled on 13-17 September 2010 at Munich, Germany, the UN-Water Seminar on "*Institutional Capacity Development on Water management, Water Supply and Sanitation*" will be held on 16 September 2010. ICID was invited by UNW-DPC, coordinator of the event, to participate both in the IFAT and the seminar. ICID nominated Dr. Ragab to participate in the seminar, while the German National Committee (GECID) was requested to represent ICID at the IFAT.

Dr. Ragab, Chairman, WG-PQW participated in the teleconference organized by the UNW-DPC and made some useful suggestions viz., to avoid overlap of themes of the presentations among similar organizations (e.g. FAO and ICID have identical goals), and to include some new technical developments instead of devoting the whole week for capacity building development activities alone.

As Dr. Ragab was not able to participate the seminar, the ICID Central Office requested (9 July 2010) Dr. Frans Huibers, Secretary, WG-PQW to attend the Seminar and represent ICID.
Dr. Huibers may like to provide the feedback of the Munich seminar.

Item 5 : Work Plan of the Group

At the New Delhi meeting, the following presentations were proposed during the Yogyakarta meeting:

- 'Multiple use of poor quality water' by Dr. Gao Zhanyi (China)
- 'Agrochemicals' by Dr. M. Yokozawa (Japan) and Mr. Francois Chrétien (Canada)
- 'Use of drainage water in India' by Dr. N.K. Tyagi (India)

All the above members/ their representatives will make presentations at the meeting.

Item 6 : Presentations by members

During the New Delhi meeting, Dr. Huibers made a Power Point Presentation on the '*Use of wastewater in irrigation*'. The Chairman Dr. Ragab also made a presentation on SALTMED and a demo. It was also mentioned that the programme is continuously improved and can be used with different inputs. A SALTMED can be downloaded for free at the SAFIR website <www.safir4eu.org>.

Chairman will appraise further developments to the WG at the meeting.

Item 7 : Website for the working group

The Chairman has requested all members to provide presentations, documents, reports etc. related to the Group's activities for uploading on the WG webpage <<http://www.wg-pqw.icidonline.org/>>.

Members are once again requested to provide information and links related to the group's activities for uploading on the website.

Item 8 : Workshop of the working group

At the New Delhi meeting, the Working Group proposed to organize a Special Session on "*Water Quality and Irrigation*" on the sidelines of the 21st ICID Congress and 62nd IEC meeting to be held in October 2011 in Tehran, Iran. The Iranian National Committee (IRNCID) was contacted to explore the possibility of accommodating the Special Session. In response, IRNCID informed the Central Office that it would not be possible for them to hold the special session at the event; however, they have recommended that the relevant papers may be submitted under Question 56.3 "*Productivity of Low Quality Waters for Irrigation Uses*". Central Office has informed the IRNCID's response to the Chairman in February 2010.

Chairman will provide further updates to the Working Group at the meeting.

Item 9 : Nomination of the Group for the Best Performing Workbody Award

At Lahore, members discussed about the possibility of submitting the WG's candidature for the '*Best Performing Workbody Award*' (BPWA) at the time of 21st ICID Congress in October 2011 in Tehran, Iran. For submitting the nomination for BPWA, the WGs achievements during the period 2008-11 are compiled and submitted to the Central Office for its evaluation by the international Panel of Judges.

WG may like to decide on submission of its nomination for the BPWA

Item 10 : Any other business
