

Agenda for the Second Meeting of the
WORKING GROUP ON ENVIRONMENT (WG-ENV)
 Yogyakarta, Indonesia
 11 October 2010 : 09.00-12.30 hours
Strategy Theme: Basin

Year of Establishment: 2008

Completion of the Mandate: 2014

Mandate: To provide guidance to policy makers, planners, designers, and managers in the irrigation and drainage sector on the environmental aspects of drainage and irrigation systems. The environmental aspects are physical, chemical, ecological, socio-economic and cultural, as well as concerns to the effects on climate and human health. By looking at environmental aspects, the working group will aim for the management of a sustainable environment, maximizing positive and minimizing adverse effects of irrigation and drainage systems”.

Members: (1) Dr. Hu Heping, Chairman, 2005 (China, 2000); (2) Prof. Yih-Chi Tan, Vice Chairman, 2005 (Chinese Taipei, 1995); (3) Dr. Ge van den Eertwegh, Secretary, 2006 (The Netherlands, 2005); (4) Mr. Barkat Hadid (Syria, 1991); (5) Dr. Smiljan Juvan (Slovenia, 1995); (6) Dr. (Mrs.) Shaden Abdel-Gawad (Egypt, 1996); (7) VPH Ing. Eiko. Lubbe (Germany, 1997); (8) Prof. Almeida Fernandes (Portugal, 1997); (9) Mr. Mohammad Kazem Siah (Iran, 2000); (10) Mr. Osmo Antero Purhonen (Finland, 2002); (11) Mr. Stefano Salbitani (Italy, 2003); (12) Dr. Choi, Joong-Dae (Korea, 2003); (13) Mr. Belguenani Hassane (Morocco, 2003); (14) Prof. Dr. Natha Hungspreug (Thailand, 2003); (15) VPH Jose A. Ortiz Fdz.-Urrutia (Spain, 2005); (16) Dr. Dennis Wichelns (USA, 2005); (17) VP Dr. Illahi B. Shaikh (Pakistan, 2006); (18) Prof. Dr. N. Hacho (Japan, 2006); (19) Mr. Taner Kimence (Turkey, 2006); (20) Mr. C.K. Agrawal (India, 2009); (21) Dr. Sylvain-Roger Perret (France, 2009); and (22) Secretary General, ICID.

Note: The year (before 2008) in bracket indicates the year of joining the erstwhile WG-ENV)

Observers/Permanent Observers: (i) FAO representative; (ii) ICOLD representative; (iii) World Bank representative; (iv) Dr. D. Zimmer (France); (v) Mr. Primoz Banovec (Slovenia); (vi) VPH H. El-Atfy (Egypt); and (vii) VPH H. Malano (Australia).

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

Item 1 : Confirmation of the minutes of 1st meeting of the WG-ENV

The minutes of the 1st meeting of the Working Group held at New Delhi in December 2009 will be confirmed.

Item 2 : Membership of the Working Group

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

2.1 Past nominations

The following nominations were deferred at New Delhi meeting (2009) due to non-attendance of the nominees:

- Mr. Javeed Iqbal Bokhary in place of Dr. Engr. I.B. Shaikh (Pakistan)
- Dr. Theresa Volschenk (South Africa)
- Mr. Ahmed Aziz (Iraq)

The WG may like to consider these past nominations for the membership of the WG. The Central Office informed (26 May 2010) the WG's decision to the respective National Committees with a request to confirm the nomination or

nominate a fresh professional with an assurance that the nominee would attend the Yogyakarta meeting (2010) of WG-ENV. Responses from them are awaited.

Attendance of the members at the meetings of the WG-ENV held in 2008 and 2009 will be tabled at the Yogyakarta meeting.

2.2 Non-attendance or contribution of the members

The WG observed that the following members were neither present nor contributed for the last three consecutive years (2007, 2008 and 2009).

- Dr. Smiljan Juvan (Slovenia)
- Dr. (Mrs.) Shaden Abdel Gawad (Egypt)
- Prof. Almeida Fernandez (Portugal)
- Mr. Belguenani Hassane (Morocco)
- Prof. Dr. Natha Hungspreug (Thailand)

The Central Office (CO) has contacted (26 May 2010) the above NCs and requested to ensure their participation in the Yogyakarta meeting of WG-ENV or nominate a fresh professional who could contribute to the activities of the WG. Responses from them are awaited.

It may be noted that representation of a member of the working group by any other representative of the concerned national committee is not deemed to be a contribution by the member. Refer to Annex 1 of PCSPOA of Agenda (page A- 10).

ICID By-law 3.1.7 which stipulates that members not contributing to the activities by attendance or correspondence for two consecutive years shall be replaced in consultation with their National Committees.

2.3 Election of Chair/ Vice Chair and Secretary of the WG

Dr. Hu Heping, Chairman of the WG informed (20 January 2010) the Central Office that the election of the new Chair, Vice Chair and Secretary of the WG should be on the agenda during the WG meeting at Tehran in 2011.

Dr. Eertwegh has informed (1 July 2010) all members about the change of his job. For continuing as an ICID WG member, ICID took it up with his new employers. Dr. Hu Heping and ICID Central Office wrote to Prof. dr. Wim van Vierssen, Director, KWR (*new employer of Dr. Eertwegh*) to extend support as necessary so that Dr. Eertwegh can attend ICID meetings and contribute to the WG activities. The new employers have turned down the request. Hence it is inevitable that a new Secretary is identified during the meeting to carry on the tasks.

A ISSUES EMERGING FROM THE ERSTWHILE WG-ENV

Item 3 : The improvement of agricultural return flow and requirement of environmental flow

At the New Delhi meeting (2009), ICID President Dr. Chandra Madramootoo stated that environmental flow issues as well as drainage return flows are of interest to ICID and should be discussed within the WG-ENV, both from a water quantity and quality perspective. He also stated the importance of looking at acid-sulphur-soils, organic soils, and its environmental impacts (suitability for sustainable agricultural use, solutes in drainage water, soil subsidence etc).

The presentation on "*Improvement of agricultural return flow and requirement of environmental flow*" was postponed to Yogyakarta meeting (2010) as Mr. Stephen Mills (Australia) was not available at the New Delhi meeting (2009). ICID Central Office has requested (28 May 2010) Mr. Clarke Ballard to contact IAL-ANCID for possible presentation during the Yogyakarta meeting in October 2010. Similarly, the Central Office also requested (28 May 2010) the Chairman to contact the authors of the recommendations of the conference on "Environmental flows of Himalayan Rivers" held in July 2009 in India for possible cooperation and/or presentations of results in future. Responses from them are awaited. INCID representative is being approached to facilitate this process.

Chairman/ IAL-ANCID representative/ Mr. Ballard and INCID representative may like to apprise the members.

B ISSUES EMERGING FROM THE NEW WG MANDATE

Item 4 : Environmental aspects of irrigation and drainage projects

(Scope needs to be developed and responsibilities assigned)

Item 5 : Impacts of irrigation and drainage projects on human health

(Scope needs to be developed and responsibilities assigned)

Item 6 : Management of a sustainable environment (maximizing positive and minimizing adverse effects of irrigation and drainage systems)

(Scope needs to be developed and responsibilities assigned)

Item 7 : Website of WG-ENV

At the New Delhi meeting (2009), the Chairman informed that the work on website is still pending and he will take appropriate actions. Accordingly, the Central Office requested (28 May 2010) the Chairman to initiate action. In the meanwhile the Central Office has set up a website of the WG and it will be improved further.

Chairman may apprise the members.

Item 8 : ICID position paper of WG-ENV

During the 1st meeting, it was agreed that Dr. Ge van den Eertwegh would act as an editor and coordinator for the draft report of WG-ENV to be served as a draft ICID position paper and following structure / sections were approved for modifying the draft version:

- Introduction and objective
- Environmental impacts
- Good Governance
- Guidelines and Criteria (references and remarks to existing documents)
- Implementation aspects
- Legislation and Enforcement
- Lessons learned
- Conclusions and recommendations

During the meeting, it was suggested to define and focus on 3 to 4 sub-themes only. It was further suggested that the WG may link the position paper to objectives and mandate of WG-ENV and the length of the paper may be between 5 to 10 pages.

ICID Central Office requested (28 May 2010) Dr. Eertwegh to expedite the preparation of the position paper. However, Dr. Eertwegh informed (1 July 2010) of his unavailability for WG activities (refer Item 2.3).

WG may take a view.

Item 9 : Workshop on 'Nutrient leaching from agricultural soils' on 12 October 2010

As per the suggestion in the 1st meeting of the WG-ENV held at New Delhi in December 2009, a Workshop on '*Nutrient leaching from agricultural soils*' has been scheduled be held on 12 October 2010 at Yogyakarta, Indonesia during 61st IEC meetings.

The theme of the workshop is '*Nutrient leaching from agricultural soils: loads to groundwater and surface water systems and water quality issues*'. The sub-themes for the workshop are:

- Environment: quality standards soil - groundwater – surface water systems, including ecology
- Good Agricultural Practice: nutrient use, crop efficiency, and environmental sustainability
- Law and legislation: environment, water quality management, and agriculture
- Field experiments and monitoring data
- Modeling of nutrient leaching
- Efficient and effective measures to reduce nutrient leaching from agricultural soils: sharing experiences
- Environmental nutrient loads: from upstream to downstream issues
- Scale issues: from field to region to basin systems approach

ICID Central Office has circulated (25 March 2010) the '*Call for Papers*' to all National Committees, Chairs and members of ICID workbodies and International Organizations to submit the abstract(s) of the paper(s) to the workshop convener - Dr. GAPH van den Eertwegh (The Netherlands). So far, 5 abstracts have been received.

Members and others are requested to participate in the above workshop and enrich the proceedings.

Chairman may apprise the members.

Item 10 : Work plan of the WG

During the 1st meeting (2009), it was decided that a three-year rolling work plan (2010-2012) be prepared as a follow-up of the position paper and Chairman would help in setting up the action plan.

Dr. Eertwegh, Secretary circulated (December 2009) an inquiry form to all members of the WG-ENV and requested to fill up and provide necessary information so that he can update the work plan (2010-2012).

ICID Central Office requested (28 May 2010) the Chairman/Secretary to expedite the preparation of the work plan so that it can be tabled at the Yogyakarta meeting in October 2010. Response is awaited.

Chairman/ Secretary may apprise the members.

Item 11 : Any other business

- **Freshwater Ecosystem Monitoring Working Group**

ICID Central Office has circulated (17 December 2009) an e-mail received from Ian Harisson (USA) to all members of the WG and requested their contribution to 'Freshwater Ecosystem Monitoring Working Group' as part of eight working groups that form GEO BON (Group Earth Observations Biodiversity Observation Network).

- **UNW-DPC**

In response to the call for contributions on existing materials related to climate change by the UNW-DPC, some organizations have responded by providing their existing available documents and providing their links. ICID Central Office has circulated (26 May 2010) the request for documents/ links as received to the members of the WG-ENV.
