

Agenda for the Fifth Meeting of the  
**WORKING GROUP ON GLOBAL CLIMATE CHANGE AND  
 AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**  
 Yogyakarta, Indonesia  
 12 October 2010: 09.00-12.30 hours  
*Strategy Theme: Systems*

**Year of Establishment: 2005**

**Completion of the Mandate: 2011**

**Mandate:**

- To review the progression of and predictions for Global Climate Change (GCC) and climate variability,
- To explore and analyze the medium-term implications of climate change and climate variability for irrigation, drainage, and flood control,
- To stimulate discussion and raise awareness of water-related GCC issues within the ICID family,
- To stimulate discussion at national scales among scientists, policy makers, and, through the media, the general public on GCC and water, and
- To join the international dialogue on GCC and water.

**Members:** (1) VPH Dr. Mark Svendsen, Chairman (USA, 2006); (2) Dr. Tsugihiko Watanabe, Vice Chairman (Japan, 2006); (3) Mr. Ray Shyan Wu, Secretary, 2009 (Chinese Taipei, 2007); (4) VPH Dr. Karim Shiati (Iran, 2006); (5) VPH Dr. André Musy (Canada, 2007); (6) Dr. Kim Russell (Australia, 2007); (7) Ms Nurgül Üzücek (Turkey, 2007); (8) Dr. Krishna Kumar Kanikicharla (India, 2007); (9) Prof. Heping Hu (China, 2008); (10) Prof. Sue Walker (South Africa, 2009); and (11) Secretary General, ICID.

**Observers/Permanent Observers:** (1) Mr. Avinash C. Tyagi, WMO; (2) Dr. Claudia Ringler, IFPRI; (3) IWMI Representative; and (4) FAO Representative.

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

**Item 1 : Confirmation of the minutes of the 4<sup>th</sup> meeting of the Working Group held at New Delhi**

The minutes of the 4<sup>th</sup> meeting of the Working Group held at New Delhi in December 2009 will be confirmed.

**Item 2 : Review of membership**

The Indonesian National Committee (INACID) has nominated Dr. Ir. Roestam Sjarief (Indonesia) for the membership of the Working Group. CV of Dr. Sjarief will be tabled at the meeting.

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

- Dr. Edward Keith Weatherhead (UK)
- Dr. Juan A. Rodriguez-Diaz (Spain)
- Dr. Rolu Encarnacion y Pascua (Philippines)
- Ir. C.W.J. Roest (The Netherlands)
- Mr. Naseer Ahmed Gillani (Pakistan)

The Central Office in January 2010 had informed all the ABOVE nominees about the WG's decision in accordance with By-laws that stipulate the need for nominee's presence at the time of admission to a workbody. Concerned

National Committees were also informed to advise the nominees for attending the WG meeting at Yogyakarta when their nominations once again will be put up for consideration.

CVs of the above nominees will be tabled at the meeting. The Group may like to consider.

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

### **CONTINUING ITEMS**

#### **Item 3 : Work Plan of the Group**

At the New Delhi meeting, the Chairman outlined the WG's primary function of sharing information and knowledge among countries, science community and managers. During the meeting the group discussed the WG mandate and agreed that the focus for the upcoming meeting would be the issue of the 'potential impacts of a changing climate on the world food supply'. The WG may like to prepare a work plan of activities until 2011.

The completion of the present mandate of the WG was approved until 2011. The WG may like to extend its tenure further until 2014 in order to complete its ongoing activities and also to take up new activities supporting to its mandate.

The WG may like to spell out activities/ works to be carried out further and also make recommendation to the PCTA as regards extension of its tenure.

#### **Item 4 : Website of the Working Group**

At the New Delhi meeting, the group noted the website of the Group <http://140.115.62.223/raywu/ICID/index.php> as prepared by Dr. Ray-Shyan Wu (Chinese Taipei) is fully functional. It is also accessible from a link on the ICID Workbodies page. The website provides updated information on membership, agenda, minutes, presentation etc. Central Office has provided inputs to Dr. Ray-Shyan Wu for updating of the webpage.

Members are encouraged to access the webpage and provide relevant documents, pictures to Dr. Ray-Shyan Wu/ Central Office for posting.

#### **Item 5 : Workshop on "Climate Change and the Global Food Supply"**

At the New Delhi meeting, the WG recommended to organize a one-day workshop in Yogyakarta so as to accommodate more contributions and more extensive interaction.

Dr. Mark Svendsen, Chairman has informed the Central Office that the WG will organize a workshop with the title "Climate Change and the Global Food Supply" within the allotted workbody time.

The Chair will provide further updates about the internal workshop at the meeting.

#### **Item 6 : UN Water Task Force on "Water and Climate"**

UN Water had initiated a Task Force on "Water and Climate" under the overall coordination of the World Meteorological Organization (WMO). The Task Force represents a response to the call for cross-sectoral collaboration and provided an opportunity to discuss climate change and water linkages in their widest sense and supports the UN System as it prepares to meet the challenges posed by climate change.

At the New Delhi meeting, the Chairman offered a list of recent international meetings and initiatives and invited various members or observers who were familiar with the meeting or initiative to comment. These are recapitulated as follows:

- UN-Water Task Force on Water and Climate,
  - WMO World Climate Conference,
  - UKCID meeting on Water and Climate Change,
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- World Water Development Report excerpts, and
- OECD Policy Guidance on climate change adaptation.

ICID has joined the UN-Water Task Force on Water and Climate through WG-Climate. A Task Force on 'Climate Change and Irrigation (ARTF-CC) of Asian regional Working Group (ASRWG) focuses on studying the impacts and strategies for addressing / adopting the challenges of climate change in irrigation and water management for sustainable agriculture. A side meeting between Vice Presidents Shinsuke Ota (Japan) and Dr. A. Hafied A. Gany (Indonesia) was held on 3<sup>rd</sup> March 2010 in Tokyo for discussing the activities related to ARTF-CC. Indonesia is an important country in South East Asia whose experiences are to be incorporated in the ARTF-CC report. Appropriate case study formats, proposed work assignment and further action plan of ARTF-CC were discussed in the VPs meeting.

Chairman vide his email of 31 May 2010 has informed the Central Office that he will be attending the World Water Week at Stockholm in September 2010.

VP Gany/ Ota will brief further developments at the meeting. Chairman may like to provide his feedback on the Stockholm meeting.

#### **Item 7 : WG related communications**

The Central Office has circulated the following web links/ web-based resources/ documents related to climate change as received from other international organizations among members from time to time.

- UN-Water Policy brief "Climate Change Adaptation: The Pivotal Role of Water" ([www.unwater.org](http://www.unwater.org))
  - Report of the Workshop on "Key Challenges to adaptations in the water sector", Bonn, Germany, May 2010, ([http://www.unwater.org/downloads/Report\\_4thMeeting-WCC-TPA.pdf](http://www.unwater.org/downloads/Report_4thMeeting-WCC-TPA.pdf))
  - Action Pledges: Making a difference on the ground. A synthesis of outcomes, good practices, lessons learned, and future challenges and opportunities ([http://unfccc.int/resource/docs/publications/09\\_nwp\\_action\\_pledges\\_en.pdf](http://unfccc.int/resource/docs/publications/09_nwp_action_pledges_en.pdf))
  - Climate Change; Impacts, Vulnerabilities and Adaptation in Developing Countries, December 2007 (<http://unfccc.int/resource/docs/publications/impacts.pdf>)
  - Climate warming demands fresh thinking about security policy, Michael Renner, January/February 2010, World Watch ([www.worldwatch.org](http://www.worldwatch.org))
  - Climate Change ([http://www.iwmi.cgiar.org/Topics/Climate\\_Change/default.aspx](http://www.iwmi.cgiar.org/Topics/Climate_Change/default.aspx))
  - UNESCO Publications (<http://www.unesco.org/water/wwap/pccp/pubs/05may09-1.shtml>)
  - Climate change reference guide – Alice McKeown and Gary Gardner (<http://www.worldwater.org/stateoftheworld>)
  - Adapting Water Management – A primer on coping with climate change, John H. Matthews and Tom Le Quesne, March 2009, WWF3 Water Securities Series 3 ([http://wwf.panda.org/what\\_we\\_do/how\\_we\\_work/conservation/freshwater/](http://wwf.panda.org/what_we_do/how_we_work/conservation/freshwater/))
  - Chapter 1 – Understating the links between climate change and development, World Development Report 2010; <http://econ.worldbank.org>
  - Chapter 3 - Managing land and water to feed nine billion people and protect natural systems, World Development Report 2010; <http://econ.worldbank.org>
  - Index of NAPA projects by sectors ([http://unfccc.int/files/cooperation\\_support/least\\_developed\\_countries\\_portal/napa\\_project\\_database/application/pdf/napa\\_index\\_by\\_sector.pdf](http://unfccc.int/files/cooperation_support/least_developed_countries_portal/napa_project_database/application/pdf/napa_index_by_sector.pdf))
  - Nairobi work Programme: Partners and Pledges Database ([http://unfccc.int/adaptation/nairobi\\_work\\_programme/partners\\_and\\_action\\_pledges/items/5005.php](http://unfccc.int/adaptation/nairobi_work_programme/partners_and_action_pledges/items/5005.php))
  - Compendium on methods and tools to evaluate impacts of, and vulnerability and adaptation to climate change ([http://unfccc.int/adaptation/nairobi\\_workprogramme/knowledge\\_resources\\_and\\_publications/items/5457.php](http://unfccc.int/adaptation/nairobi_workprogramme/knowledge_resources_and_publications/items/5457.php))
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- Submitted National Communications for non-Annex I Parties ([http://unfccc.int/national\\_reports/non-annex\\_i\\_natcom/submitted\\_natcom/items/653.php](http://unfccc.int/national_reports/non-annex_i_natcom/submitted_natcom/items/653.php))
- <http://www.unesco.org/water/wwap/pccp/pubs/05may09-1.shtml>
- [http://www.unece.org/env/water/publications/documents/Guidance\\_water\\_climate.pdf](http://www.unece.org/env/water/publications/documents/Guidance_water_climate.pdf)
- [http://www.unece.org/env/water/publications/documents/Guidance\\_water\\_climate\\_r.pdf](http://www.unece.org/env/water/publications/documents/Guidance_water_climate_r.pdf)
- <ftp://ftp.fao.org/docrep/fao/010/i0142e/i0142e07.pdf>
- <http://www.fao.org/nr/water/climatechange.html>
- [http://www.fao.org/nr/water/docs/wwf5/wdm\\_crops\\_and\\_drops/Producing-Enough-Food-Kuylenstierna-Burke.pdf](http://www.fao.org/nr/water/docs/wwf5/wdm_crops_and_drops/Producing-Enough-Food-Kuylenstierna-Burke.pdf)
- <ftp://ftp.fao.org/docrep/fao/010/i0142e/i0142e00.pdf>
- <ftp://ftp.fao.org/docrep/fao/011/aj982e/aj982e02.pdf>
- <ftp://ftp.fao.org/docrep/fao/011/i0765e/I0765E13.PDF>
- Climate Change Impacts in Drought and Flood Affected Areas: Case Studies in India, 1 June 2008, Document of the World Bank, Report No. 43946-IN (<http://www-wds.worldbank.org/>)
- The water resources policies under global climate change in Taiwan – Chun-Hsian Chen Director of Water Resources Agency, Ministry of Economic Affairs, *Taiwan*; Asian Regional Working Group of ICID, Chinese Taipei Committee of ICID (CTCID)

Members are encouraged to provide their comments/ observations on the above documents to the Chairman and also to inform about the other web links/ documents related to the activities of the WG.

**Item 8 : Methane flux from irrigated wetlands rice fields**

At the New Delhi meeting, the WG accepted to accommodate the topic “*Methane Flux from Irrigated Wetland Rice Fields*” transferred from WG-ENV in its agenda. During the meeting, Dr. Yih-Chi Tan, Vice-Chairman of WG-ENV made a presentation on the topic on behalf of Prof. Hu Heping, Chairman of WG-ENV. The presentation was supplemented by Dr. Tsugihiko Watanabe.

Other members are encouraged to contribute by way of providing information on this topic.

**Item 9 : Symposium on Climate Change at Tehran in 2011**

A Symposium on climate change impacts on soil and water resources will be held at the time of 21<sup>st</sup> International Congress on Irrigation and Drainage at Tehran in October 2011. Background note and scope of the symposium is available in the “Call for papers” at <<http://www.icid2011.org>>.

Members are encouraged to submit papers through their National Committee.

**Item 10 : Any other business**

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