

Water and Climate in Focus

► **Sunday Afternoon Seminar**
Financing Adaptation
to Climate Change

► **Sunday Evening Side Event**
Impacts of Climate Change on
Water Quantity and Quality

**WORLD
WATER
WEEK**
in Stockholm,
September 5–11, 2010

Monday Afternoon Seminar ◀
Changing Climate, Shifting Institutions:
Building Governance and Capacity

Tuesday Afternoon Seminar ◀
Post Copenhagen - What Next? Possible Entry Points
for the Water Community in Climate Processes
and the Negotiations towards COP16 in Mexico

1. Financing Adaptation to Climate Change in the Water Sector

Sunday 5 September 2010
Room: T5

14:00–17:30 hrs

Convenors:

Agence Française de Développement (AFD), European Investment Bank (EIB),
KfW Entwicklungsbank and World Bank

The objective of the seminar is to deepen the understanding of the emerging post Copenhagen climate financing architecture. Presentations will be held by a variety of high-profile stakeholders in a format that would allow for substantial interaction with the audience. Half the time will be allocated for presentations and half the time for discussion involving both the audience and the panel that would be stimulated through provocative questions. Key issues to be discussed are the following: What are the challenges for financing the water sector in developing countries? Are the challenges related to financing adaptation to climate change different from these challenges or not? What can be done to overcome them?



How does the post-Copenhagen climate finance infrastructure fit into this picture? Given the estimated huge costs for adaptation to climate change, what is the capacity to adequately utilize additional funding, esp. in least developed countries? How much of the expected funding is truly additional, and under which terms will it be provided? Since water is absent from the Copenhagen accord, how can it be ensured that water does not loose out in the new climate finance architecture?

Programme

Moderator: Vahid Alavian, World Bank

Part 1: Setting the Scene

- 14:00 The Post-Copenhagen Climate Financing Architecture
Stefan Zeeb, KfW Development Bank, Head of Water Policy Unit, Germany
- 14:20 Financing Adaptation to Climate Change: A View from Mexico
Eduardo Ibañez Mariño, Manager for the Strengthening of Water Utilities, Conagua, Mexico
- 14:40 The Role of the World Bank in Climate Financing
Julia Bucknall, Sector Manager for Water, World Bank
- 15:00 Discussion
- 15:30 Coffee Break

Part 2: Panel Discussion

- 16:00 Panel Discussion
 - Federico Basaños, Head of Water and Sanitation Division, IDB
 - Khalid Sbia, Ministry of Finance, Morocco
 - Thomas Loster, Chairman, Munich Re Foundation and Munich Climate Insurance Initiative
 - Maurice Bernard, Sector Manager for Water, AFD
 - Julia Bucknall, Sector Manager for Water, World Bank
 - Monica Scatista, Senior Economist, EIB
 - Manuel Schiffler, Water Policy Unit, KfW
 - Bruce Rich, Independent Expert, Civil Society
 - Jan Kowalzig, Senior Policy Advisor for Climate Change, Oxfam Germany
- 16:45 Questions and comments from the audience and panelists' responses
- 17:20 Wrapping up and conclusions, including recommendations for Cancun
Vahid Alavian, World Bank
- 17:30 Close of Seminar

2. Impacts of Climate Change on Water Quantity and Quality

Sunday 5 September 2010
Room: K11

17:45–18:45 hrs



Convenors:

European Union Sixth Framework Programme (EU FP6) Integrated Project Water and Global Change (WATCH), Wageningen University and Research Centre (WUR) and Centre for Ecology and Hydrology (CEH)

This session will discuss the impacts of climate change on water quality and quantity and how these affect global water resources. We will present policy relevant results of the EU FP6 Water and Global Change project. Presentations and discussions focus on how climate change will affect domestic water supply, the energy sector (cooling water) and aquatic ecosystems.

3. Changing Climate, Shifting Institutions: Building Governance and Capacity

Monday 6 September 2010
Room: T5

15:30–18:45 hrs

Convenors:

World Wide Fund for Nature (WWF), International Union for Conservation of Nature (IUCN) and Conservation International (CI)
Co-convenors: German Technical Cooperation (GTZ), Cooperative Programme on Water and Climate (CPWC) and Stockholm International Water Institute (SIWI)

In this session, we will focus on climate change as a challenge to the institutional basis for managing water resources across temporal and spatial scales. In many cases, institutions have not been able to use adaptive management tools such as IWRM, IRBM, basin-level planning, stakeholder cooperation, EIA, and environmental flows analyses under a stationary climate. The same institutions will continue to struggle in their use under a shifting climate. Policies and management regimes must be regularly "updated" as climate variability alters and mean climate conditions create a moving target for water managers. The management of water resources must be flexible, span multiple possible futures, and focus on risk assessment. Hence, water governance institutions will have to be able to learn and evolve in pace with the climate.

How do we in the water community begin to incorporate models, and their associated uncertainty, to anticipate emerging aspects of climate that directly impact freshwater availability and quality? What does sustainability mean in the context of an evolving definition of "normal"? How does water allocation happen if water resources increasingly fluctuate? Given the centrality of water to climate change adaptation, the implications are that water institutions must themselves become the instruments of climate adaptation, which is a novel role.

Programme

Chair:

Dr. John H. Matthews, WWF-US, Dr. Mark Smith, IUCN and Dr. Tracy Farrell, CI

- 15:30 Welcome
Tracy Farrell, CI
- 15:35 Introduction
John H. Matthews, WWF-US
- 15:45 Roundtable Discussions

- Water-Energy-Climate change nexus
Table sponsor: Peter Koefoed Bjørnsen and Henrik Larsen, Danish Hydraulic Institute (DHI)
- Governance of the commons: Institutions and ecosystems in a changing climate
Table sponsors: John H. Matthews, WWF-US, Mark Smith, IUCN, and Tracy Farrell, CI
- Institutional set-up to balance conflicting water uses under a changing climate
Table sponsor: Stephanie Lorek and Philipp Magiera, German Technical Cooperation (GTZ)

- Mainstreaming water management and climate adaptation into national development processes
Table sponsor: Ania Grobicki, Global Water Partnership (GWP)
- Public-private partnerships for fostering climate resilience adaptive capacity in the water sector
Table sponsor: K. Sreelakshmi, Energy and Resources Institute (TERI)
- Dealing with uncertainties
Table sponsors: Bert Satijn, Water Governance Center
- Governance of transboundary basins
Table sponsors: Sonja Koeppl, United Nations Economic Commission for Europe (UNECE) and Michael Peter Steen Jacobsen, The World Bank
- Transparency and integrity in addressing climate adaptation
Table sponsors: Susannah Kinghan, Water Integrity Network (WIN)
- Climate change and water conflict
Table sponsors: Aaron Wolf and Lynette de Silva, Oregon State University (OSU)
- Working with Cultural Values for Resilient Institutions and Ecosystems
David Groenfeldt, WaterCulture.org

- 16:30 Summary of key points from the roundtable discussions
- 17:15 Coffee Break
- 17:45 Panel Debate
- 18:15 Questions from the Audience and Panel's Response
- 18:35 Session synthesis, Dr. Mark Smith, IUCN
- 18:45 Close of Seminar



4. Post Stockholm and COP 15, what's next? Towards Mainstreaming Water and Climate Change in COP 16 Negotiations and in Implementation of Adaptation measures

Tuesday 7 September 2010
Room: T5

14:00–17:30 hrs

Convenors:

Stockholm International Water Institute (SIWI), German Federal Ministry for Economic Cooperation and Development (BMZ), German Federal Environment Ministry (BMU), Co-operative Programme on Water and Climate (CPWC), National Water Commission of Mexico (CONAGUA), Stakeholder Forum and World Bank

Advocacy efforts to raise the profile of water in the negotiations under the United Nations Framework Convention on Climate Change are gaining increasing support from parties and led to the inclusion of a reference to water in the draft agreement text on adaptation at COP 15. However, water is still a neglected factor in the negotiations; it is thus important that the water community continues to engage in the climate negotiations. In addition to the framework agreement, decisions will be taken at COP 16 on future steps of the Convention's adaptation programmes that directly affect water infrastructure and management systems. While keeping up the pressure for the integration of water in the negotiations towards COP 16 is critical, it is also vital to discuss possible pathways on how to implement water resources management to cope with climate change on



the ground. There is still limited knowledge about the incorporation, analysis, and implementation of adaptation measures in planning processes for the water sector. Financing and economic frameworks are to a large extent absent.

This session seeks to build further on converging recommendations for bridging the water and climate agendas with the aim of coming up with a joint action plan on implementation on the ground as well as involvement in the political processes.

Programme

Chair:

Johan Kuylenstierna, Chief Technical Advisor, UN-Water

- 14:00 Welcoming and Introduction
Mr. Henk van Schaik, Programme Coordinator International, Co-operative Programme on Water and Climate (CPWC), the Netherlands and
Ms. Karin Lexén, Project Director, SIWI, Sweden
- 14:10 Building blocks for coping with Climate Change

Input from Climate Focus session

1. Dr. Manuel Schiffler, Senior Water and Sanitation Economist, KfW

Input from Climate Focus session

2. Prof. John Matthews, WWF Freshwater Climate Change Specialist

- 14:20 Mainstreaming water resources management in climate adaptation
Ms. Julia Bucknall, Sector Manager for Water, World Bank
- 14:35 Raising the profile of water in the UN-negotiations
Ms. Hannah Stoddart, Policy Coordination, Water and Climate Coalition
- 14:45 High Level Panel: Towards Mainstreaming Water and Climate Change in COP 16

- Hon. Buyelwa Patience Sonjica, Minister of Water and Environmental Affairs, South Africa
- Hon. Vincent H. Pala, Minister of State for Water Resources, India
- Mr. José Luis Luege Tamargo, Director General, CONAGUA, Mexico
- Mr. Hugo von Meijenfeldt, Special Envoy for Climate Change, the Netherlands
- Ms. Catarina de Albuquerque, UN Independent Expert on the Issue of Human Rights Obligations Related to Access to Safe Drinking Water and Sanitation
- Mr. Björn Stigson, President of the World Business Council for Sustainable Development
- Mr. Paul Reiter, Executive Director, International Water Association

- 15:45 Parallel roundtable discussions on possible ways forward with the aim to suggest key recommendations. Possibility for short coffee break during discussions.
- 16:45 Conclusions and decision on recommendations for the way forward
- 17:30 Close of Seminar