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## **THIRD WORKSHOP ON WATER AND ADAPTATION TO CLIMATE CHANGE IN TRANSBOUNDARY BASINS: Making adaptation work**

**Geneva, 25-26 April 2012**

**Provisional Programme**

### **Day 1: Wednesday 25 April 2012**

#### **10.00 Session 1: Opening**

*Chairman: Mr. Joost Buntsma, Ministry of Infrastructure and the Environment, the Netherlands*

Welcome and Introduction

*Mr. Joost Buntsma, Ministry of Infrastructure and the Environment, the Netherlands*

The Importance of Transboundary Cooperation in Climate Change Adaptation

*Mr. Sven Alkalaj, Executive Secretary, UNECE*

Introduction to the programme by the facilitator

*Ms. Gillian Martin Mehers, Bright Green Learning*

#### **10.45 Session 2: Vulnerability assessment, experiences from around the world**

*Chairman: Mr. Joost Buntsma, Ministry of Infrastructure and the Environment, the Netherlands*

Water scarcity in the Netherlands

*Mr. Jos Timmerman, Ministry of Infrastructure and the Environment, the Netherlands*

Mekong Climate Change and Adaptation Initiative

*Ms. Nguyen Huong Thuy Phan, Mekong River Commission*

Assessment of climate change induced water stress in the Nile Basin

*Mr. Mohamed Elrawady, Centre for Environment and Development for the Arab Region and Europe (CEDARE)*

Discussion

Vulnerability assessment in Colombian transboundary basins  
*Mr. Fabio Andres Bernal, National Hydrological Institute, Colombia*

Glaciers and water use in Central Asia: results of international scientific expedition  
*Mr. Abdylhamid Kayumov, State Agency for Hydrometeorology, Committee on the Environment of the Government, Republic of Tajikistan*

Water and Adaptation to Climate change in Myanmar  
*Ms. Tin Yi, Department of Meteorology and Hydrology, Myanmar*

Discussion

**13.00 Lunch**

**13.45 Lunch time Session: Information on the UNECE Water Convention**

**15.00 Session 3: How to prepare a vulnerability assessment in transboundary basins- experiences from the pilot projects?**

*Chairman: Mr. John Matthews, Conservation International, Alliance for Global Water Adaptation*

Neman  
Dniester  
Danube  
Sava  
Chu Talas  
Meuse  
Dauria going dry

**16.00 Session 4: Ecosystem-based adaptation in transboundary basins**

*Chair: Mr. Eugene Simonov, Rivers Without Boundaries Coalition*

Transboundary conservation of the mangrove ecosystem of Sundarbans  
*Mr. Laskar Muqsudur Rahman, Forest Department, Ministry of Environment and Forests, Bangladesh*

Building regionally and nationally tailored-based Ecosystem based Adaptation (EbA) in Mesoamerica

*Mr. Juan Carlos Sanchez, International Union for the Conservation of Nature (IUCN)*

Management of scarce water resources for rehabilitation of degraded lands in arid and semi-arid region of Southern Pakistan

*Mr. Sahibzada Irfannullah Khan, Sustainable Land Management Project (SLMP), Ministry of Environment in Pakistan*

**Discussion**

**17.00 Session 5: Discussion in small groups**

1. How to use ecosystems for climate change adaptation? (Russian, moderated by Mr. Eugene Simonov)
2. What is the role of agriculture in climate change adaptation? (English, moderated by Ms. Hilda Runsten)

3. How to deal with uncertainty? (English, moderated by Mr. Raimund Mair)
4. How to assess effects, costs and benefits of adaptation measures and strategies? (English, moderated by Ms. Marloes Bakker)
5. How to make best use of joint bodies in climate change adaptation in transboundary basins (Russian, moderated by Mr. Sagit Ibatullin)
6. How to adapt water management when risks of flooding increase? (English, moderated by Mr. Sandor Szalai)
7. How to adapt water management when risks of droughts increase? (French, moderated by Mr. Hassen Lotfi Frigui)
8. How to communicate and involve the public in climate change? (English, moderated by Ms. Maité Fournier)
9. How to build and use scenarios? (English, moderated by Mr. Egidijus Rimkus)
10. How to reduce the (negative) impacts of climate change on human health? (English, moderated by Ms. Elena Villalobos Prats)
11. How to reduce the (negative) impacts of Climate change on water quality? (English, moderated by Mr. Daniel Valensuela)

**18.00 Reception**

**Day 2: Thursday 26 April 2012**

**9.30 Session 6: How to select and implement adaptation measures?**

*Chairman: Mr. Thomas Stratenwerth, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany*

Improving common flood risk management in transboundary basins

*Mr. Bart Swanenvleugel, Flood Wise International Cooperation Project*

The Zambezi River Basin Initiative (ZRBI ): Build and strengthen resilience

*Ms. Hilary Motsiri, International Federation of the Red Cross*

**Discussion**

*Management Tools of Extreme Weather Events in Morocco*

*Mr. Abdeslam Ziyad, Ministry of Energy, Mines, Water and Environment, Morocco*

Transnational adaptation measures against floods and low-flows: The AMICE project on the Meuse river basin

*Ms. Maité Fournier, Public Management of the Meuse and its Tributaries (EPAMA), France*

**Discussion**

**11.15 Session 7: Integrating different levels and sectors**

Introduction: Integrating different levels and sectors in the Danube

*Mr. Raimund Mair, International Commission for the Protection of the Danube River (ICPDR)*

Small discussion groups & Report back to the plenary

**12.30 Lunch**

**14.30 Session 8: Economic aspects of Climate Change adaptation**

*Chairman: Mr. Jos Timmerman, Ministry of Infrastructure and the Environment, the Netherlands*

Addressing Risks and Uncertainty: the Role of Economic Instruments and Financing Mechanisms

*Ms. Kathleen Dominique, Organisation for Economic Co-operation and Development (OECD)*

The impacts and economic costs of river floods in the European Union and the costs and benefits of adaptation

*Mr. Luc Feyen, European Commission, DG Joint Research Centre*

Economy-wide analysis of climate change impacts on the Sava River Basin countries

*Ms. Sebnem Sahin, World Bank*

Discussion

**16.30 Session 9: Conclusions and next steps**

**Discussion**

Making adaptation work: Reflection on the issues discussed during the workshop

*Mr. John Matthews, Conservation International, Alliance for Global Water Adaptation*

Water and Climate Change adaptation in transboundary basins: The next steps

*Chairmen and UNECE secretariat*

**17.30 Closing of the workshop**