



## FIFTH WORKSHOP ON ADAPTATION TO CLIMATE CHANGE IN TRANSBOUNDARY BASINS

### Adaptation strategies: which measures for which outcomes at transboundary level?

Geneva, 14-15 October 2014

#### PROGRAMME

##### Day one, Tuesday, 14 October

##### 10.00-11.15 Opening session

###### Opening speech

*Mr. Christian Friis Bach, Executive Secretary, UNECE*

###### Opening remarks by the Netherlands and Switzerland

###### Key note speeches

- Climate change impact on water resources: a summary of recent findings, *Mr. Pascal Peduzzi, UNEP*
- How to ensure resilience and robustness in adaptation, including water infrastructure, *Mr. Casey Brown, Alliance for Global Water Adaptation (AGWA)/ University of Massachusetts*

##### 11.15-12.15 Session 1. Development and implementation of transboundary adaptation strategies

- Development of a strategic framework for basin adaptation and implementation plan as well as links with national activities in the Dniester river basin, *Mr. Yurii Nabyvanets and Mr. Gherman Bejenaru*
- The climate change strategy for the Nile Basin Initiative, *Mr. Abdulkarim Seid, Nile Basin Initiative, NBI*
- Promoting resilience in African river basins, *Ms. Jacqueline Tront, World Bank*

##### 12.15-13.00 Introduction to the serious game

*Mr. Pieter van de Zaag-UNESCO-IHE, and Ms. Marloes Mul, International Water Management Institute*

##### 13.00- 15.00 Lunch break



Convention on the Protection and Use  
of Transboundary Watercourses and International Lakes

**13.15-14.45**      **Lunch session: Sharing experiences in river basin management**  
*Organized by the International Commission for the Protection of the Rhine*  
*NO interpretation, sandwiches provided*

**15.00-18.00**      **Serious game: Negotiations on water infrastructure and climate change adaptation**

15.00              Start in the plenary  
15.15-17.30      Discussions and negotiations in groups  
17.30-18.00      Reporting back to the plenary

**18.30**              **Reception offered by Switzerland**

### **Day two, Wednesday ,15 October**

**9.30-10.35**      **Session 3: Development of basin-wide scenarios**

- Requirements for basin-wide scenarios, *Mr. Martin Beniston, Director, Institute for Environmental Sciences (ISE), University of Geneva*
- Modelling impacts of climate change and water use in the Zambezi basin, *Mr. Lucas Beck, hydrosolutions*
- Development of basin-wide scenarios and an adaptation strategy by the Mekong River Commission Climate Change Adaptation Initiative (MRC-CCAI), *Ms. Nguyen Huong Thuo Phan, head, MRC-CCAI*

**10.35-12.50**      **Session 4: Marketplace of tools: adaptation measures**

#### **Introductory presentations:**

- Adaptive water management: adaptation pathways approach and economic analysis, *Mr. Ad Jeuken, Deltares*
- Integration of ecological and engineering approaches, *Mr. John Matthews, AGWA*

#### **Marketplace of adaptation measures and tools**

1. Assessing the impact of flood risk reduction measures in the Rhine basin, *Mr. Ben van de Wetering, ICPR*
2. Green infrastructure solutions for water management: tools and case studies from the Green Infrastructure Guide, *Ms. Maija Bertule, UNEP-DHI*
3. Groundwater, a buffer against climate change: Managed Aquifer Recharge (MAR) and Ecosystem-based Adaptation (EbA), *Ms. Nienke Ansems, IGRAC*
4. Water and climate change adaptation projects in Central Asia, *Ms. Dinara Ziganshina SIC-ICWC, and Mr. Abdybai Dzhailoobaev, GIZ*
5. Drought management from the perspective of the United Nations Convention to Combat Desertification, *Mr. Emmanuel Chinyamakobvu, UNCCD*
6. Climate change adaptation in the Danube delta, *Ms. Camelia Ionescu, WWF Romania*
7. Monitoring and evaluation in the North African basins and aquifers, *Mr. Mohamed Elrawad, CEDARE*
8. Climate change in transboundary basins in Peru, *Ms. Lucia Trindade, Peru*
9. Water management and hydropower in the Congo basin, *Mr. Blaise-Leandre Tondo, CICOS*



10. Presentation of the Operational Recommendations for the sustainable management of the North-Western Sahara Aquifer System, *Ms. Nikola Rass, OSS*

**12.50-14.30**      **Lunch break**

**14.30-16.30**      **Session 5: Maximizing synergies between adaptation and mitigation**

- Development of models, transboundary vulnerability assesment and a strategic framework for basin adaptation in the Neman basin, *Mr. Vladimir Korneev, Belarus, and Mr. Vytautas Kalpolkas, Lithuania*
- Harnessing the Water-Food-Energy-Nexus for transboundary basin management cooperation: a case study of Meghalaya's climate change adaptation, *Mr. Arvind Kumar, India Water Foundation*
- The climate change action plan for the Alpine region, *Mr. Matteo DALL'AMICO, Alpine Convention water platform, on behalf of the Italian Presidency of the Convention*
- Adaptation-mitigation and the Adaptation Fund, *Mr. Mamadou Honadia, Adaptation Fund Board*

Interactive discussion/exercise

**16.30-17.00**      **Closing session**

