www.unece.org/env/water/meetings/transboundary_climate_adaptation_workshop.html

Geneva, Switzerland, conference room V

The workshop was organized on 12 and 13 April 2011, back-to-back with the fourth meeting of the Task Force on Water and Climate (14 April 2011). It brought together countries and other stakeholders engaged in activities on water and adaptation to climate change, in particular in transboundary basins, with the aim to:

- Exchange practical experience and share lessons-learned on the technical and strategic aspects of adapting to climate change;
- Analyse the specific challenges of adapting water management to climate change in the transboundary context, identify best practices, success factors and lessons learnt; considering the different steps of developing an adaptation strategy: from the assessment of impacts and vulnerability to the selection of measures;
- Exchange experience between the pilot projects on adaptation to climate change in transboundary basins under the UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes (Water Convention) as well as other similar initiatives;
- Support governments, organizations and joint bodies engaged in the process of preparing national or regional adaptation strategies;
- Promote and discuss the implementation of the UNECE Guidance on Water and Adaptation to Climate Change.

The workshop was the second one organized on this theme in the framework of the UNECE Water Convention, within its platform for exchanging experience on adaptation to climate change in the transboundary context. It built on the results of last year's workshop and illustrated recent developments in this area.

The workshop was organized under the leadership of the Governments of the Netherlands and Germany, with the support of the UNECE secretariat. Funding for pilot projects and the platform for exchanging experience was also provided by the governments of Finland and Switzerland. The workshop was also supported by GWP-Mediterranean, in the framework of the project IW:Learn3.

The results of the first core group of the pilot projects are available here.

Documents
Background documents
Presentations

Document Title	ENG	FRE	RUS
Information notice	PDF	-	PDF
List of participants	PDF		
Workshop programme	PDF		PDF
Programme of the Twin2go side event	PDF		PDF
Overview of the pilot projects progress	PDF		PDF
TFWC/2011/3			
Report	PDF		

Document Title	ENG	FRE	RUS
UNECE Guidance on Water and Adaptation to Climate Change	PDF	PDF	PDF
Guidance on Water Supply and Sanitation in Extreme Weather Events, prepared by the Task Force on Extreme Weather Events under the Protocol on Water and Health	PDF	-	PDF

Document Title	ENG	RUS
Opening session		
Climate change impacts on water resources in Europe - regional and sectoral perspective *Mr. Zbigniew W. Kundzewicz- Polish Academy of Sciences, Coordinating Lead Author of the water chapter in the fourth IPCC assessment report*	PDF	
Session 2: Jointly assessing climate change impacts		

Formulating and evaluating water resources adaptation options to climate
change uncertainty in the Ukrainian Carpathian region PDF
Mr. Mykola Babych, State Committee for Water Management, Ukraine

Transboundary modelling in the Meuse basin PDF
Ms. Maïté Fournier, Etablissement Public d'Aménagement de la Meuse,
France, AMICE project

Assessment of climate change impacts on water resources of the Khrami-
Debed (Armenia-Georgia) and Aghstev (Armenia- Azerbaijan) transboundary river basins PDF
Mr. Vahagn Tonoyan, United Nations Development Programme (UNDP)/
Environment and Security Initiative (ENVSEC) "Regional Climate Change
Impacts Study for the South Caucasus", Armenia

Session 3: Climate change impacts on water-related sectors and joint responses

Water, energy, food, related policies PDF
Mr. Paul Horton, Chartered Institution of Water & Environmental Management (CIWEM)/ European Water Association (EWA) Climate Change
Working Group

World Bank assistance to Southeastern Europe and Central Asia on enhancing climate resilience in water, agriculture, and energy programs PDF
Mr. Ron Hoffer, World Bank

Vulnerability of agriculture and water resources in the Ili-Balkhash region PDF
Ms. Anna Kaplina, United Nations Development Programme (UNDP)

Impacts of climate change on hydropower: the case of the transboundary
Mesta/ Nestos river PDF
Mr. Charalampos Skoulikaris, Aristotle University of Thessaloniki-International
Network of Water-Environment Centres for the Balkans (INWEB)

Improving resilience of water supply and sanitation in extreme events PDF
Ms. Francesca Bernardini, Secretary of the UNECE Water Convention

Session 4: Planning water management under uncertainty

Twin2Go – Best practices and policy lessons on adaptive water governance PDF
Ms. Annika Kramer, Adelphi, Germany

Adaptation strategy for water resources of a pilot river basin in the Czech Republic PDF
Ms. Magdalena Mrkvickova, T.G. Masaryk Water Research Institute, Czech Republic

Southern African Development Community (SADC) climate change adaptation strategy for the water sector PDF
Mr. Bertrand Meinier, German International Cooperation, and Mr. Kenneth Msibi, Southern African Development Community (SADC)

Water Management in the Colorado River Basin, a major challenge for Mexico and the United States, before drought and climate change PDF
Mr. Felipe I. Arreguín Cortés and Mr. Mario López Pérez, Comisión Nacional del Agua (CONAGUA), Mexico

Multi-Criteria Decision Analysis in the participatory and integrated evaluation of the flood risk management alternatives PDF
Mr. Markku Maunula, Finnish Environment Institute

Mainstreaming economic analysis of climate change adaptation into river basin planning: a pilot case study in the Lower Dong Nai Delta in Vietnam PDF
Mr. David Corderi Novoa, University of California Davis, United States of America

Session 5: Ecosystem-based adaptation

Incorporating ecosystem-based approaches in climate change adaptation strategies PDF
Mr. Pieter van Eijk, Wetlands International

Adaptation responses in coastal ecosystems in the Drini and Mati River deltas PDF
Ms. Miriam Ndini, Institute for Energy, Water and Environment, Albania

Design of environmental flow requirements of Argun River and opportunities for their introduction into transboundary management. PDF
Mr. Eugene Simonov, Daursky Biospere Reserve/ WWF- Amur Program, Russian Federation

Water and adaptation to climate change in transboundary basins: initiatives and leassons learned in River Niger Basin PDF
Mr. Collins R. U. Ihekire, Executive Secretary of Niger Basin Authority