



OULUN YLIOPISTO  
UNIVERSITY OF OULU



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Cewic  
Centre of Expertise in the Water Industry Cluster



## First Announcement and Call for Papers

# Symposium on CLIMATE CHANGE CHALLENGES IN RIVER BASIN MANAGEMENT 17–20 January 2011, Oulu, Finland

### INTRODUCTION

The symposium aims to be a forum in the context of which exchanges between policy-makers, stakeholders, and scientists will take place, on issues that are closely related to the implementation of EU water policies. A particular emphasis is on the impacts of climate change within the context of other multiple stressors such as agriculture and eutrophication.

### THEMES OF THE SYMPOSIUM

- Integrated modeling as a part of river basin and groundwater management
- Using Water Framework Directive (WFD) for mitigation of climate effects
- The influence of climate change scenarios on the processes of WFD implementation
- Research on groundwater and dependent ecosystems for Groundwater Directive (GWD)
- Climate change effects on hydrology and water availability
- Land use and climate change impacts on groundwater and dependent ecosystems
- Methodology on climate change scenarios and land use in European case studies
- Interactions between climate, hydrology and ecosystems
- Assessing land use and climate effects on water quality and water security
- Institutional issues in climate integration in river basin planning
- Socio-economic analysis for assessment and adaptation to climate change
- Participatory methods for integrated and adaptive water resources management

### ORGANISERS

The Symposium is organised by the Baltic Sea Region Programme project WATERPRAXIS – From theory and plans to eco-efficient and sustainable practices to improve the status of the Baltic Sea, in cooperation with the following projects:

- VACCIA – Vulnerability Assessment of Ecosystem Services for Climate Change Impacts and Adaptation

- Human-Environment Relations in the North: resource development, climate change and resilience (Fidipro, Finnish Academy)
- CEWIC – Centre of Expertise in the Water Industry Cluster
- GENESIS - Groundwater and Dependent Ecosystems: New Scientific and Technical Basis for Assessing Climate Change and Land-use Impacts on Groundwater Systems
- VALUE graduate school, University of Oulu

## SCIENTIFIC COMMITTEE

- Henning Sten Hansen, Aalborg University, Denmark – Chair
- Seppo Hellsten, Finnish Environment Institute (SYKE)
- Walter Leal, Hamburg University of Applied Sciences
- Pia Frederiksen, University of Aarhus, National Environmental Research Institute
- Linas Kliucininkas, Kaunas University of Technology
- Ireneusz Zbicinski, Lodz Technical University
- Mark Nuttall, University of Alberta / University of Oulu
- Kaisa Heikkinen, Finnish Environment Institute (SYKE)
- Simo Pehkonen, University of Oulu
- Bjørn Kløve, University of Oulu
- Peter Kristensen, European Environment Agency
- Andrew Weaver, University of Victoria
- Cintia Bertacchi Uvo, Lund University
- Johan Schutten, SEPA
- Manuel Pulido-Velázquez, Technical University of Valencia
- Marco Trevisan, Università Cattolica del Sacro Cuore
- Przemyslaw Wachniew, AGH University of Science and Technology
- Fritz Stauffer, ETH
- Hans Kupfersberger, Joanneum Research
- Philippe Quevauviller, European Commission, DG Environment
- Frauke Ecke, Luleå University of Technology

## ORGANISING COMMITTEE

- Seppo Hellsten, Finnish Environment Institute (SYKE) – Chair
- Teemu Ulvi, Finnish Environment Institute (SYKE) – Co-chair
- Anne-Mari Rytönen, Finnish Environment Institute (SYKE)
- Jouko Inkeröinen, NorNet, University of Oulu
- Hannu Heikkinen, Thule Institute, University of Oulu
- Kari Laine, Thule Institute, University of Oulu
- Riitta Kamula, Thule Institute, University of Oulu
- Bjørn Kløve, University of Oulu
- Natalie Fischer, Hamburg University of Applied Sciences
- Veronika Schulte, Hamburg University of Applied Sciences

## PRELIMINARY PROGRAMME

Monday 17 January 2011	18:00	Opening of registration
Tuesday 18 January 2011	9:00 – 18:00	Symposium presentations & poster session
Wednesday 19 January 2011	9:00 – 18:00 19:00	Symposium presentations & wrap-up session Conference dinner
Thursday 20 January 2011		Individual project meetings
		Optional excursion (details will be announced in the 2 <sup>nd</sup> Circular on 15 Oct 2010)

## SUBMISSION OF PAPERS

All interested contributors are invited to submit their inputs to the Symposium as abstracts of oral or poster presentation. Abstract submissions must be sent to the Symposium's secretariat by email to the address [climate.rivers oulu@gmail.com](mailto:climate.rivers oulu@gmail.com) before 15 July 2010. Upon submission, the author should mention whether they wish to have an oral or poster presentation.

Abstract (500–1000 word) of scientific or practical approaches with high quality will be accepted for oral or poster presentations at the Symposium by scientific committee. Abstracts must be written in English according to the formatting guidelines, which are available at [www.waterpraxis.net/oulu](http://www.waterpraxis.net/oulu). All contributors should note that these abstracts will be published only in the short Proceedings to be handed out at the symposium.

After the approval of abstracts, if a contributor is willing to send a full paper and to offer it for publishing in a scientific journal, he/she should follow the instructions below. Please note that authors submitting full papers should also deliver abstracts to be presented in the symposium!

Full paper submission of original and unpublished fundamental scientific research (maximum 6000 word manuscript) is following. Papers can be submitted for publication in the "International Journal of Climate Change Strategies and Management". Papers must be written in English according to the guidelines from the publisher, which can be downloaded at the website of Waterpraxis project at [www.waterpraxis.net/oulu](http://www.waterpraxis.net/oulu) or at [www.emeraldinsight.com/info/journals/meq/sample.jsp](http://www.emeraldinsight.com/info/journals/meq/sample.jsp) (requires registration). Note that all papers are subjected for peer review process.

If you plan to submit an abstract and a full-paper, please note the following schedule:

<b>New abstract submission deadline</b>	<b>18 August 2010</b>
Acceptance of submissions	15 September 2010
Draft programme with the second circular	15 October 2010
Full paper submission deadline	30 November 2010
Final programme	1 January 2011

## REGISTRATION

All participants should send their registrations between 1 October – 15 November 2010 according to instructions on the Symposium's website at [www.waterpraxis.net/oulu](http://www.waterpraxis.net/oulu).

## LANGUAGE

The language of the symposium is English.

## SEMINAR VENUE

The Symposium will be held in the main building of University of Oulu, Pentti Kaiteran katu 1, Oulu, Finland. The city of Oulu is situated by the Bothnian Bay on the Oulujoki river delta about 600 kilometres north of Helsinki. Oulu is easy to reach by plane or train from Helsinki.

## REGISTRATION FEES AND ACCOMMODATION

There is no participation fee for the Symposium, but number of participants is limited by the organizers. Details about the accommodation and optional excursion will be presented in the second circular.

## SECOND ANNOUNCEMENT

The second circular will appear at the conference webpage [www.waterpraxis.net/oulu](http://www.waterpraxis.net/oulu) on 15 October 2010.