

# European Symposium of Spatial Planning Approaches towards Sustainable River Basin Management

14-15 May 2007

Arctic Centre, Rovaniemi, Finland

## Provisional programme

**Monday,  
14-May**

9:00 Registration

### *Opening session*

9:30 Opening words

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9:40 General presentation of Watersketch project

Seppo Hellsten

Finnish Environment Institute SYKE, Finland

10:00 **Coffee break**

### *Session 1*

### *Legislation Analyses*

10:20 The Water Framework Directive - spatial and institutional integration

Pia Frederiksen

National Environmental Research Institute, Denmark

10:40 The Water Framework Directive in the Baltic Sea Region Countries -vertical implementation, horizontal integration and transnational cooperation

Sigrid Hedin

Nordregio, Sweden

11:00 Harmonizing Water Management According to Natura 2000 and Water Framework Directive - Case Lake Lentua

Ville Hokka

Finnish Environment Institute SYKE, Finland

11:20 Sustainable river basin management under the Water Framework Directive and the protection of drinking-water resources

Susanne Wuijts

National Institute for Public Health and the Environment, The Netherlands

**Session 2****Practical river basin planning approaches**

11:40	Possibilities for water pollution control by river basin scale land use planning in Finland	Kaisa Heikkinen	Finnish Environment Institute SYKE, Finland
12:00	Management of water resources in Poland as an element of the Baltic protection strategy	Mirosław Imbierowicz / Ireneusz Zbicinski	Lodz Technical University, Poland
12:20	An Overview of the Environmental Management Dimensions in the Sustainable Use of the River Elbe in Hamburg	Dörte Krahn	TuTech GmbH, Germany
12:40	A quest for good ecological state of River Muhosjoki - River-LifeGIS in River Basin Management	Jaana Rintala	North Ostrobothnia Regional Environment Centre, Finland

**13:00 Lunch break**

14:00	Management of an International River Basin District - the River Torne	Eira Luokkanen	Lapland Regional Environment Centre, Finland
14:20	The management and operation of Lake Vesijärvi project: Top-down or bottom-up?	Juha Keto / Ilkka Sammalkorpi	City of Lahti / Finnish Environment Institute SYKE, Finland
14:40	Lake management and restoration in Lakepromo countries	Arja Ruokojärvi	Savonia University of Applied Sciences, Finland
15:00	Insights into spatial planning and the Water Framework Directive	Jeremy G. Carter	University of Manchester, Great Britain

**15:20 Coffee break**

15:40	Urban zoning and recreational use of territories of the established water-protection zones (WPZ) of the River Vuoksa	Natalia Gutman	RosNIPI of Urbanistic, Russian Federation
16:00	Drenthe, Interreg and Sustainable River Basin Management	Ben van Os	Province of Drenthe, The Netherlands
16:20	Case study of integration of Water Management Issues in Spatial Planning process in Jekabpils district	Guna Krumina	Baltic Environmental Forum, Latvia

**16:40****Project and Poster Exhibition**

In this exhibition, participants can disseminate information of their projects and results of their research and practical approaches by presenting posters and disseminating information material (leaflets, brochures, newsletters) at their will.

17:30 **Closure of the day 1**

19:30 **Symposium Dinner**

## Tuesday, 15-May

### **Session 3**

#### ***Watersketch Tools***

9:15 Watersketch toolbox: tools and methods for integrated river basin management Teemu Ulvi Finnish Environment Institute SYKE, Finland

9:40 Priority Game Generator and Public Hearing Database Peter Norskov Kristensen Municipality of Hjørring, Denmark

10:00 **Coffee break**

### **Session 4**

#### ***GIS and Environmental Data Management***

10:20 Internet-based GIS in assisting Sustainable River Basin Management & Planning in the Watersketch project Pia Viuf Ørby National Environmental Research Institute, Denmark

10:40 Using ISO 19115 Metadata for Information Management and Spatial Planning in the Coastal Zone Hans-Christian Reimers State Agency for Nature and Environment Schleswig-Holstein, Germany

### **Session 5**

#### ***Tools and Models***

11:00 Applying Ecological Risk Assessment Approaches in River Basin Management Planning Kari-Matti Vuori Finnish Environment Institute SYKE, Finland

11:20 MOSDEW, a new approach to Integrated River Basin Management Andreas Printz University of Stuttgart, Germany

11:40 Waterwise - a planning tool for adaptive land and water management Paul van Walsum Alterra, The Netherlands

### **Session 6**

#### ***Decision support systems***

12:00 Application of the Web-HIPRE decision support technique for a sustainable development of Minija river basin Linas Kliucininkas Kaunas University of Technology, Lithuania

12:20	Creation of Cost-Efficient Program of Water Protection Measures Supported by Multi-Criteria Decision Analysis	Olli-Matti Verta	Finnish Environment Institute SYKE, Finland
12:40	Decision Support Systems for Integrated Water Resources Management - requirements for a comprehensive approach	Mariele Evers	University of Lüneburg, Germany

13:00 **Lunch break**

14:00	Population viability modelling: assessing the scenarios for the Vistula River Valley	Jerzy Romanowski	Centre for Ecological Reserach, Poland
14:20	Uncertainty in the Implementation of the Water Framework Directive - A Conceptual and Empirical Analysis	Katja Sigel	Helmholtz Centre for Environmental Research - UFZ, Germany
14:40	Cost-effectiveness analysis to prevent nutrient emissions by diffuse sources - Baltic Sea catchment area of Germany -	Melanie Mewes	Helmholtz Centre for Environmental Research - UFZ, Germany
15:00	Euro-limpacs Decision Support System - A tool to integrate environmental, social and economic data for catchment management in the context of climate change	Thomas Horlitz	entera, Germany

15:20 **Coffee break**

**Session 7**

**Public Participation**

15:40	Challenges for Public Participation in River Basin Management and Planning	Henning Sten Hansen	National Environmental Research Institute, Denmark
16:00	Public Participation in River Basin Management	Andrea Keessen	University of Utrecht, The Netherlands
16:20	Co-production of knowledge in restoring salmon passage into the River Oulujoki	Timo P. Karjalainen	University of Oulu, Finland

**Closing session**

16:40	Closing remarks	NN	
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17:00 **Closure of the symposium**