

Climate ≈ water

BRIDGING THE GAP BETWEEN ADAPTATION
STRATEGIES OF CLIMATE CHANGE IMPACTS AND
EUROPEAN WATER POLICIES



This event is co-financed by the European Commission
Seventh Framework Programme

Final Symposium

13-14 October 2011

Budapest, Hungary

COORDINATOR of Climate Water project



VITUKI
ENVIRONMENTAL AND WATER
MANAGEMENT RESEARCH INSTITUTE
NON-PROFIT LTD.
BUDAPEST, HUNGARY



Co-organised event
PSI Connect Training
Connecting Science and Policy
12 October 2011

Climate ≈ water

The **overall objective** of the Climate-Water project is to study European and international **adaptation measures and strategies** related to **climate change impacts** and how these are taken into account in **water policies**. The project is **formulating a coherent framework** on adaptation strategies of climate change impacts on water resources, water cycling and water uses of the society and nature with special regard to those that water policy has to take into account when considering climate change impacts.

THE FINAL SYMPOSIUM WILL INTRODUCE THE MAJOR RESULTS OF THE PROJECT, SUCH AS

Climate change impacts on the hydrological cycle, water resources and water management reviewed for major topic categories: Impacts on the society and economy as direct impacts on life and health of the population; Indirect impacts on the society through direct impacts on economic activities; Water related impacts on nature, terrestrial and aquatic ecosystems.

Adaptation strategies are the most important results, being reviewed in 6 major categories: water demand side, supply side, damage prevention, main water industries, adaptive capacities and control of water pollution.

The project will also introduce the identified research needs, where 11 very important new or novel fields are considered, such as ecohydrology. The final output is a list of advises to upgrade water-impact related EU policies, such as a novel approach to WFD/RBMP and new strategies to flood control.

CLIMATE WATER MAJOR TASKS:

ANALYSIS AND SYNTHESIS OF WATER-RELATED IMPACTS...

...on the hydrological cycle and on water resources, giving where applicable the probabilities encountered, along with their risk for all users of the water resources. This task is split up into:

- 1. direct impacts:** floods, water supply, water quality, excess water, drought, water scarcity, aquatic and terrestrial ecosystems
- 2. indirect impacts:** water management, navigation, hydropower, agriculture and food production, land use and planning, energy and industrial production, tourism.
- 3. impacts on nature:** Impact on terrestrial and aquatic ecosystem and on the ecotones in between.



ANALYSIS AND SYNTHESIS OF METHODOLOGIES OF ADAPTATION MEASURES...

...identify and integrate into a single framework of best adaptation strategies that were developed in Europe and also globally for handling (preventing, eliminating, combating, mitigating) the impacts of global climate changes on water resources and aquatic ecosystems, including all other water related issues of society and nature.

IDENTIFICATION OF RESEARCH NEEDS...

...to find science-policy gaps and novel science fields that enable the bridging of these gaps in the field of climate change and water management.

IDENTIFYING AND BRIDGING GAPS IN WATER RELATED EUROPEAN POLICIES...

...by reviewing all European water related policies, broken down to tasks and topics according to main policy fields. Strong emphasis is taken on identifying their compliance with the need of adaptation and damage mitigation.



PROGRAMME of the SYMPOSIUM

Moderator: Prof. Dr. Géza Jolánkai

13 OCTOBER 2011

Registration will start at 08:00
Introduction of the project

Session on the analysis and synthesis of water related climate change impacts

- ≈ Keynote lecture on the main topics of direct impacts
- ≈ Keynote lecture on the main topics of indirect impacts
- ≈ Keynote lecture on the main topics of impacts on nature
- ≈ Parallel sessions may be organized in each sub topic
- ≈ Final plenary discussion of the water related climate change impacts

Session on the analysis and synthesis of methodologies of adaptation measures

- ≈ A number of sub-topics in parallel sections (demand side, supply side, damage prevention, main water industries, building adaptive capacity, and water pollution control).
- ≈ Plenary discussion of the adaptation strategies and measures

14 OCTOBER 2011

Session on the identification of research needs

- ≈ Outcome of the work on the Index of Impact Magnitude and Action Urgency (IMAU)
- ≈ The research needs of the related water sciences
- ≈ The research needs related to identifying gaps in the water related policies
- ≈ Parallel sessions on sub topics may be organized
- ≈ Plenary discussion on research needs

Session on identifying and bridging gaps in water related European policies

- ≈ The gaps of selected water policies
- ≈ The ecohydrological approach to bridge the gaps in many of the water related policies.
- ≈ Parallel sessions on the gaps of the main EU policies
- ≈ Plenary discussion of gaps in water related policies
- ≈ Closing words of VITUKI and EU management
- ≈ Farewell dinner organized by the VITUKI management





PRACTICAL INFORMATION

VENUE



VITUKI Environmental and Water
Management Research Institute
Non-profit Ltd.

Address: I Kvassay J. út, H-1095 Budapest

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Facsimile: +36 1 216 8140

BUDAPEST – one of the world's most beautiful cities – has succeeded in preserving its soul, although the city has been rapidly modernised in recent years. Today the Danube, the old Art Nouveau palace and the wide boulevards have been joined by gourmet restaurants and trendy bars. The cosmopolitan city of almost two million people continuously draws numerous international visitors to its many wonders, including dozens of thermal baths, a vibrant art scene, and fantastic wine.

The participants will receive the symposium materials at the registration desk on site.

Contact the organiser

Name: Prof. Dr. Géza Jolánkai
E-mail: jolankai.geza@vituki.hu
Name: Gódor Szilvia
E-mail: godor.szilvia@vituki.hu

Registration forms are separately sent upon contact to the organizers.

PROJECT PARTNERS

VITUKI

Budapest, Hungary



University of Debrecen

Debrecen, Hungary



CNR-IRSA

Bari, Italy



University of Osnabrück

Osnabrück, Germany

www.uni-osnabrueck.de



GeoEcoMar

Constanta, Romania



Geonardo

Budapest, Hungary



University of Vienna

Vienna, Austria



University of Leicester

Leicester, UK



SHMU

Bratislava, Slovakia



SOGREAH

Echirolles, France



MRA

Marsa, Malta





HOW TO CONNECT POLICY AND SCIENCE FOR IMPROVED WATER RESOURCES MANAGEMENT

**A practical introduction
to knowledge brokering
12 October 2011**

BRIDGING THE POLICY-SCIENCE GAP

Climate change poses a major challenge to water managers and policy makers alike. In order to reduce the vulnerabilities of people and societies to shifts in hydro-meteorological trends, increased climate variability and extreme events, such as floods and droughts, action needs to be taken now. Many of the anticipated climate change impacts, however, are subject to uncertainty, thus only adding to the complexity of contemporary water resource challenges. Managing these uncertainties requires increased information exchange and cooperation at all scales, particularly between policy-makers and scientific communities.

Knowledge brokering strategies and instruments offer opportunities to facilitate interaction between policy-makers and researchers in an attempt to relate science, experience and insight to policy. Role playing and simulation games, group model building, scenario planning and futures visioning exercises are just some examples for creating two-way conversations between policy-makers and the research community. Funded under EC FP7, the PSI-connect project works to develop, test and disseminate effective knowledge brokering practices.

THE PSI-CONNECT TRAINING WORKSHOP

The PSI-connect consortium brings together a group of institutions which have significant experiences in the design and implementation of knowledge brokering instruments and processes. PSI-connect provides support to those already involved in knowledge brokering and encourages others to take their first steps through tailored training workshops. This training workshop aims at introducing policy-makers and scientists to the theory and practice of knowledge brokering and knowledge brokering instruments, including group model building and scenario planning.

WHAT PARTICIPANTS WILL LEARN ABOUT

- ≈ Knowledge brokering and how it can support the bridging of the policy-science gap.
- ≈ How specific knowledge brokering tools work, their benefits and weaknesses.

WHAT PARTICIPANTS WILL DO

- ≈ Utilise case studies and exercises to explore different knowledge brokering methods and instruments.
- ≈ Explore how knowledge brokering instruments can be used in their particular circumstances through a facilitated discussion.
- ≈ Reflect on the challenges they are likely to face in applying knowledge brokering instruments in their situation.

WHO WILL BENEFIT FROM PARTICIPATING

This training workshop is designed for researchers, policy-makers and professionals working with and between these two communities and who are looking for new ways of strengthening the relationships between science and policy.

PROGRAMME

12 October 2011: 09.00 – 18.00

Working language: English

- ≈ Introduction to Knowledge Brokering and Knowledge Brokering Instruments
- ≈ ‘Do it yourself’ sessions
- ≈ Sharing experiences and lessons learnt
- ≈ How to better connect policy and science in my own work?
- ≈ A social event is being planned for the evening.

The number of participants is limited to 25.

Book early to avoid disappointment!

The PSI-connect training workshop is free and includes workshop materials.

Contact the organiser

Name: Dr. Catarina Henriques

E-mail: c.henriques@cranfield.ac.uk

ABOUT PSI-CONNECT

PSI-connect is a three-year collaborative project funded under EC FP7. Through experimentation with and development of innovative knowledge brokering instruments, PSI-connect aims to improve the quality and value of interactions between the science base and river basin managers and policy makers in the field of climate change impacts on river systems.

www.psiconnect.eu

Project coordinator: Adriaan Slob

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Project duration: May 2009 – May 2012

PROJECT PARTNERS



TNO – Netherlands Organisation for Applied Scientific Research
Delft, The Netherlands



Centre for Systems Solution
Wroclaw, Poland



Cranfield University – Cranfield
Water Science Institute
Cranfield, UK



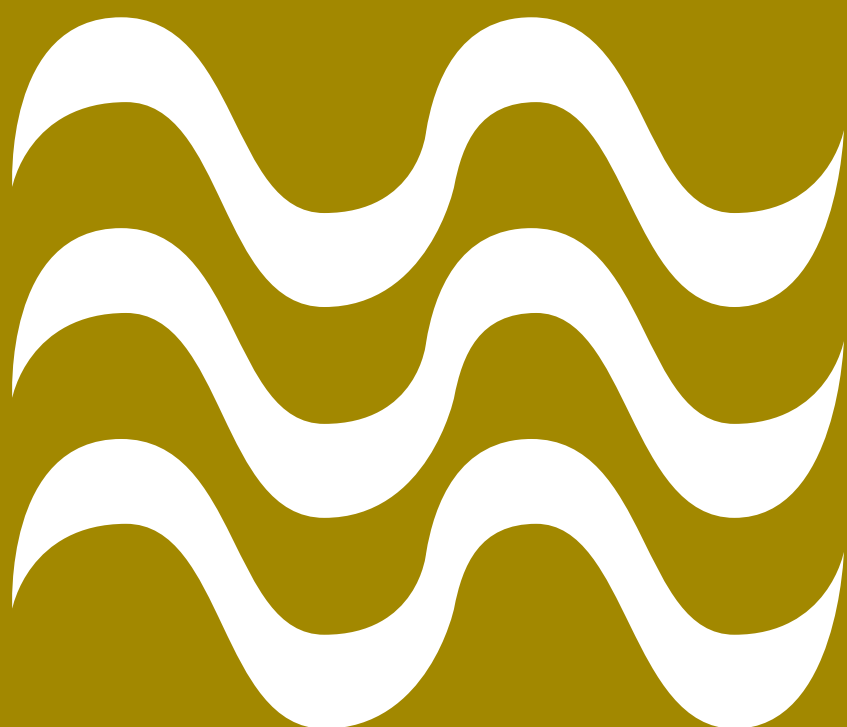
PIK – Potsdam Institute for Climate Impact Research
Potsdam, Germany



USF – University of Osnabrück Institute of Environmental Systems Research
Osnabrück, Germany



VITUKI – Environmental and Water Management Research Institute
Non-profit Ltd.
Budapest, Hungary



REGISTRATION FORM FOR

CLIMATE WATER FINAL SYMPOSIUM & PSI-CONNECT TRAINING WORKSHOP

BUDAPEST, 12-14 OCTOBER 2011

Please use only English characters.

Title: Mr. <input type="radio"/> Ms. <input type="radio"/> Dr. <input type="radio"/> Prof. <input type="radio"/>	
First name:	Surname:
E-mail:	Telephone: <small>(including country code)</small>

PLEASE TICK THE EVENT(S) YOU ARE ATTENDING:

- ☐ Climate Water Final Symposium 13-14 October 2011 Free of charge
- ☐ Dinner / Climate Water Final Symposium 14 October 2011 Registration fee: 25€
- ☐ PSI-CONNECT Training Workshop 12 October 2011 Free of charge

Specify here if you need special diet: _____

INVOICING ADDRESS:

Name of Organization:	
Postal Address:	Postal/ZIP code:
City:	Country:
Community VAT registration number:	

Please, give your full name and the exact address to where the invoice on the amount received should be sent, give also the community VAT registration number.

Name:	Address:
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I intend to transfer the total sum of € as registration fee to the following account.

FOR BANK TRANSFER

Name and address of account holder: VITUKI Nonprofit Kft.
Name and address of bank: MKB Zrt; H-1056 Budapest, Váci street 38.
IBAN: HU77 10300002-50801101-26304889
Swift Code: MKKBHUHB
Community VAT registration number: HU21961649

PLEASE NOTE THAT: International bank transfers are subject of taxes and fees (naturally not included in the registration fee).

PLEASE RETURN THIS FORM VIA E-MAIL BEFORE 16 SEPTEMBER 2011 TO ALL THE E-MAIL ADDRESSES BELOW:

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