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Budapest
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University of Debrecen



Debrecen
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Institut für
Umweltwissenschaften
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Constanta
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Vienna
Austria

University of Leicester



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SHMU



Bratislava
Slovakia

SOGREAH



Echirolles
France

MRA



Marsa
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www.climatewater.org

Project endurance: November 2008 – November 2011



Climate ≈ water

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



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Danube right outside Hungarian Parliament
Budapest, Hungary
Photo: Mélykúti

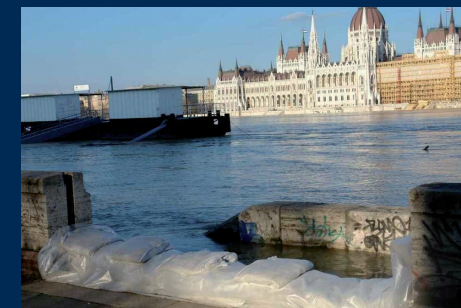
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CNR-IRSA		Bari Italy
University of Osnabrück	 Institut für Umweltphysik Universität Osnabrück	Germany Osnabrück
GeoEcoMar		Constanta Romania
Geonardo		Budapest Hungary
University of Vienna		Vienna Austria
University of Leicester		Leicester UK
SHMU		Bratislava Slovakia
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BRIDGING THE GAP...



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Flooded streets in Wrocław
Poland, June 2010
Photo: wikicommons Olgierdr



3

Water scarcity in the Hungarian Pusztas
Hungary
Photo: VAHAVA Project



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Cargo Ship on the Neckar
Germany
Photo: Eva Lanz

Main Objectives

Climate-Water is a EU-FP7 funded project which aims at the analysis and synthesis of data and information on the expected water related impacts of climate change. Special regard is given to the risks of these impacts for nature and mankind. Further steps are: defining of research needs and the development of adaptation strategies and the finding of the gaps in water related EU policies in supporting adaptation strategies. To fulfil the aims following objectives were defined:

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.

Analysis and synthesis of methodologies of adaptation measures...

...will 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. All measures and strategies are identified.

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Storage lake in the Alps
Lech, Austria
Photo: Brigitte Schmidt

