

BALTEX is a Regional Hydroclimate Project (RHP) of the Coordinated Energy and Water Cycle Observations Project (CEOP) within the Global Energy and Water Cycle Experiment (GEWEX) of the World Climate Research Programme. In recent years, BALTEX has evolved from a meteorological, hydrological and oceanographical research programme to a truly interdisciplinary research network for the Baltic Sea basin, encompassing the environmental disciplines meteorology, hydrology, oceanography, climatology and biogeochemistry, including efforts towards improving communication within the scientific community, education and outreach to stakeholders and the public. The backbone of BALTEX remains the investigation of the water, energy and matter cycles and fluxes in the regional climate system of the Baltic Sea basin (the catchment area and the sea) under changing conditions.



The 6th Study Conference on BALTEX will reflect the interdisciplinary nature of the BALTEX programme. Conference topics are aligned along the revised BALTEX Phase II objectives:

- **Improved understanding of energy and water cycles under changing conditions.** This involves the development and assessment of regional models, and the improvement of observations.

- **Analysis of past climate variability and change, and provision of regional climate projections over the Baltic Sea basin for the 21st century.** This involves detection and attribution studies as well as assessments of past, current and future climate change including its impacts on the environment.
- **Provision of improved tools for water management, with an emphasis on extreme hydrological events and long-term changes.** This includes the assessment of water resources in today's and future climate, as well as forecasting extreme events and their impacts on the environment and infrastructure.
- **Biogeochemical cycles in the Baltic Sea basin and transport processes within the regional Earth system under anthropogenic influence.** This involves the coupling of regional climate models with biogeochemical models to estimate the impact of climate change on matter fluxes.

Results related to any of the above themes are welcome, as well as contributions from other related programmes. The Conference is also envisaged as a communication platform for the research community, water resource managers and other stakeholders.

Invited and contributed papers will be presented in plenary along with parallel poster sessions. Conference language is English.

Participating Organisations



BONUS - Baltic Organisations
Network for Funding Science
EEIG



HELCOM
Baltic Marine Environment Protection
Commission



LOICZ
Land-Ocean Interactions in the Coastal Zone



NEESPI
Northern Eurasia Earth Science Partnership
Initiative

The island of Wolin is located in the Baltic Sea as part of the Oder river estuary in the Pomeranian Bay. It is separated from the island of Usedom by the Świna river, and from mainland Pomerania by the Dziwna river. Wolin covers an area of 265 km², the highest point is Mount Grzywacz with 116 m above sea level.



Most of the island consists of forests and postglacial hills. The region is geologically very young and has undergone various geological changes in the past. The Odra river estuary as we see it now was formed approximately 13,000 years ago during the last glaciation.



Wolin was first mentioned in the 10th century as the second largest Baltic marketplace of the Viking Age. Later, Wolin became notorious for its

pirates. Wolin was part of an independent Duchy of Pomerania for some 400 years, and later was incorporated in succession into Denmark, Sweden and Germany.

The island is a main tourist attraction of northwestern Poland. Located in the centre of the island is the Woliński National Park which includes a bison reserve. Międzyzdroje is called „The Pearl of the Baltic“, situated between wide sandy beaches with high cliffs and the forests of the National Park. Międzyzdroje has a spa climate and is rich in tourist services.

Conference Committee

- Andris Andrusaitis, Latvia
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- Benjamin Smith, Sweden
- Hans von Storch, Germany
- Timo Vihma, Finland
- Valery Vuglinsky, Russia

Timetable

Second announcement and
call for papers..... November 2009
Abstract submission..... February 2010
Registration & hotel reservation..... April 2010

**Details on registration procedures and the
conference in general will be
available at the BALTEX website**

www.baltex-research.eu/wolin2010

Venue

Amber Baltic Hotel
Promenada Gwiazd 1
PL - 72 500 Międzyzdroje
Poland

www.hotel-amber-baltic.pl

Travel



- **By plane:** International flights to Berlin, further connection to Wolin by train (see below)
Regular flights to Szczecin Airport from Warsaw, also from Oslo, London and Dublin
- **By ferry:** From Copenhagen (9h overnight crossing) or Ystad (8h) to Świnoujście, further connection to Międzyzdroje by bus
- **By train:** Via Szczecin to Międzyzdroje (every 2h); regular connections to Szczecin from Warsaw, Berlin and Hamburg
- **By car:** Via Szczecin and Wolin (E-65 / Road #3)

www.baltex-research.eu/wolin2010

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6th Study Conference on BALTEX

First Announcement



Międzyzdroje Island of Wolin Poland

14 to 18 June 2010