2nd International Conference

Climate Change The environmental and socio-economic response in the southern Baltic region



Szczecin, Poland 12 - 15 May 2014





Scope and Topics

It is generally accepted that remarkable progress has been achieved in understanding the climate controlling system on the global scale but also that a spatial downscaling of global processes to the regional scale is required. In a first international conference on climate change in the southern Baltic Sea region, held in 2009 at Szczecin, planning agencies and local authorities expressed the need of future climate change projections which may be used for management and decision making on the regional and local level in order to help mitigate negative effects of climate change to the environment and society. The quality of the answers to the questions depends directly on the data available – records of measurements for the past and future projections as the results of climate modelling.

Increasing research activities are expected regarding the cause-effect relation between greenhouse gas emissions, climate and environmental responses in the Baltic Sea basin. Therefore, and to revive the productive scientific atmosphere of the conference in 2009, it was decided to organize a follow-up conference in 2014, dealing with the climate change effects for the southern Baltic Sea region.

Preliminary topics of conference sessions are:

- Reconstructions of palaeo-environmental change: Geological proxies and numerical modelling
- Modelling of climate change: How reliable are future projections?
- Natural dynamics of the coastal zone and the socio-economic response from prehistoric to recent times
- · Climate change and regional planning
- Changing Baltic Sea coasts and their sustainable protection
- Adaption of energy politics to climate change

Copernicus Symposium

In addition to these scientific topics, a one-day international "Copernicus Symposium" is planned within the frame of the conference. This symposium shall honor the 500 years anniversary of Copernicus' pioneering concept of the heliocentric system. This publication caused the "Copernican revolution" as one of the most important events in history of science. Natural scientists, historians, and socio-economists are invited to discuss on this one-day symposium Copernicus' ingenious work, embedded into the societal environment of his time.

As a result we expect generalizing answers to the question how a productive and fruitful scientific (and societal) atmosphere can be created today. This is getting increasingly relevant when designing the roof of our European house.



The memorial of Nikolaus Copernicus at Frombork, Poland

Call for Papers

Contributions in accordance with the preliminary conference topics as outlined above, both oral or as poster, are welcome. Extended abstracts in English, maximum of two pages, including figures, tables or diagrams, are invited to be submitted by e-mail to the International Baltic Earth Secretariat.

Abstracts must be submitted by e-mail to **balticearth@hzg.de** by 17 January 2014. Please indicate to which topic you would like to have your presentation allocated. An electronic abstract template is available for download at www.baltic-earth.eu/SZC2014. Please use this template, other formats will not be not accepted.

Abstract Deadline: 17 January 2014

The Scientific Conference Committee will review the submitted papers, decide on allocation to topic, oral or poster presentation and establish the conference programme. Authors will be notified by 22 February 2014, and the programme is expected to be online by mid-March 2014. An abstract volume will be distributed at the conference (for the 2009 abstract proceedings volume, see www.baltex-research.eu/SZC2009).

Based on their presentation, authors will be invited to submit a full paper for a special conference issue in an international scientific journal to be published after the conference.

Scientific Conference Committee

Ulrich Bathmann, Germany Jacek Batóg, Poland Artur Beiger, Poland Ryszard Borowka, Poland Achim Brauer, Germany Boris Chubaraenko, Russia Witold Cieslikiewicz, Poland Marek Dutkowski, Poland Peter Fröhle, Germany Kazimierz Furmańczyk, Poland Jan Harff, Poland Aarno Kotilainen, Finland Roman Marks, Poland Stanislaw Massel, Poland Markus Meier, Sweden Zygmund Meyer, Poland Stanislaw Musielak, Poland Irina Partasenok, Belarus Janusz Pempkowiak, Poland Hans von Storch, Germany Jürgen Sündermann, Germany Andrzej Witkowski, Poland Eduardo Zorita, Germany

Organizing Committee

Jan Harff, Poland Roman Marks, Poland Marcus Reckermann, Germany Hans von Storch, Germany Andrzej Witkowski, Poland Marcin Wroniecki, Poland

Organizers and Sponsors of the Conference



University of Szczecin in co-operation with the Polish Academy of Sciences





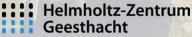
West Pomeranian
University of Technology



Maritime Academy of Szczecin



Government of the Wojewodztwo Zachodniopomorskie



Helmholtz-Zentrum Geesthacht

Centre for Materials and Coastal Research



Baltic Earth is the new programme for Earth system science in the Baltic Sea region. Baltic Earth is the successor to BALTEX.

Time Table

Abstract Deadline	17 January 2014
Notification to Authors	
Programme online	
Registration Deadline	31 March 2014
Conference	12-15 May 2014

Conference Venue

Szczecin University

Congress Center Krakowska 71-79 PL-71-004 Szczecin Poland



Accomodation

Rooms have been pre-booked until 31 March 2014 in a range of hotels in Szczecin. The list of hotels and contacts can be found at the conference website: www.baltic-earth.eu/SZC2014.

Registration and Fees

All conference participants must register online via the conference website.

Registration Deadline: 31 March 2014

The conference fee is 100€ for full delegates (students with proof pay 75€). A late fee of 50€ is added after 31 March 2014. The conference fee covers the conference venue, the conference abstract volume, the Ice Breaker, morning and afternoon coffee and refreshments.

Fee payment is due at time of registration, latest on 31 March. For payment details see the conference website.

Travel Information

Szczecin can be reached by air, either directly, or via Berlin, where trains and buses leave for Szczecin regularly (2-3 hours travel time). There are ferry connections between Świnoujście (north of Szczecin) and both Ystad (Sweden) and Copenhagen (Denmark). A hydrofoil service connects Świnoujście and Szczecin via the Oder river.

Copenhagen Ystad Riga Szczecin Berlin Warsaw

Social Events

Monday, 12 May: Ice Breaker (included in fee)
Wednesday, 14 May: Conference Dinner (not incl. in fee)

Thursday, 15 May: Excursion (not incl. in fee)

General questions related to the conference may be directed via e-mail to the International Baltic Earth Secretariat: balticearth@hzg.de