

Second Announcement - Call for Papers

2nd International Conference

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



**Szczecin, Poland
12 - 15 May 2014**



Baltic Earth

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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

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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 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.

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Helmholtz-Zentrum Geesthacht

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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.....	20 February 2014
Programme online.....	14 March 2014
Registration Deadline.....	31 March 2014
Conference.....	12-15 May 2014

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Conference Venue

Szczecin University

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



Accommodation

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.



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

www.baltic-earth.eu/SZC2014