



Baltic Earth

Earth System Science for the Baltic Sea Region

Climate modelling and impacts from the global to the regional to the urban scale

An international scientific seminar

10 March 2015

Holcim Auditorium

HafenCity Universität

Überseeallee 16, 20457 Hamburg, Germany

Scope of the seminar is to give an overview over the current state of research in the fields of global and regional climate modelling, and the impacts on the regional and urban scales.

Posters related to the seminar topic are invited to be presented. Poster abstract and registration deadline is 2 March 2015. There are no fees involved.

This open seminar is organised in connection with the 4th Baltic Earth Science Steering Group Meeting by the International Baltic Earth Secretariat at Helmholtz-Zentrum Geesthacht in cooperation with HafenCity Universität Hamburg (HCU) and the Cluster of Excellence CliSAP of Hamburg University, which stands for „Integrated Climate System Analysis and Prediction“.

Baltic Earth is the research network for Earth system science in the Baltic Sea region. www.baltic-earth.eu

HCU | HafenCity Universität
Hamburg

clisap



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG



Max-Planck-Institut
für Meteorologie



DKRZ
DEUTSCHES
KLIMARECHENZENTRUM



Helmholtz-Zentrum
Geesthacht
Zentrum für Material- und Küstenforschung

Programme

- 13:00** **Welcome on behalf of HafenCity Universität**
Jörn Weinhold, Head of HCU Research School
- Welcome on behalf of CliSAP**
Anita Engels, CliSAP Chair and Universität Hamburg, Germany
- Welcome on behalf of Baltic Earth and Introduction**
Anna Rutgersson, Vice-Chair of the Baltic Earth Science Steering Group and Uppsala University, Sweden
- 13:15** **Baltic Earth –**
Earth System Science for the Baltic Sea basin
Markus Meier, Chair of the Baltic Earth Science Steering Group and Swedish Meteorological and Hydrological Institute and Stockholm University, Sweden
- 13:45** **Global Climate Modelling -**
State of the art and current developments
Johann Jungclaus, Max-Planck-Institute for Meteorology, Germany
- 14:15** **Coupled Regional Climate Modelling -**
State of the art and current developments
Uwe Mikolajewicz, Max-Planck-Institute for Meteorology, Germany
- 14:45** **Past and potential future land cover changes**
and climate
Martin Claußen, Max-Planck-Institute for Meteorology and Universität Hamburg, Germany
- 15:15** **Break**
- 15:45** **Regional sea level changes and potential**
impacts on coasts and coastal cities
Ralf Weisse, Helmholtz-Zentrum Geesthacht, Germany
- 16:15** **Regional climate service for the German coasts -**
Concepts and experience
Insa Meinke, Helmholtz-Zentrum Geesthacht, Germany
- 16:45** **Urban climate modelling in the context of regional**
climate change and urban development
David Grawe, Universität Hamburg, Germany
- 17:15** **Urban and regional planning in the light of**
climate change impacts
Sonja Deppisch, HafenCity Universität, Germany
- 17:45** **Debating climate change: Politics, public opinion and**
the media
Michael Brüggemann, Universität Hamburg, Germany
- 18:15** **Poster Session with Snacks and Drinks**

Registration and Poster Abstract Deadline

2 March 2015

Information at www.baltic-earth.eu/hamburg2015

Registration via www.hzg.de/hamburg2015

Poster abstracts to balticearth@hzg.de