Announcement

5th International Baltic Earth Winter School for Young Scientists on

"Earth System Science for the Baltic Sea Region"

18 - 22 March 2024

co-organized by

Institute of Oceanology of the Polish Academy of Sciences,

University of Silesia, International Environmental Doctoral School,

International Baltic Earth Secretariat at Helmholtz-Zentrum Hereon (www.baltic.earth)

We invite PhD students and early career scientists (postdocs) from the Baltic Sea region to the Baltic Earth Winter School on "Earth System Science for the Baltic Sea Region"

The interdisciplinary school will provide a broad overview over ongoing research activities on the Earth system in the Baltic Sea region and discuss grand challenges in sciences, for instance as summarized in the Baltic Earth Assessment Reports (BEARs). We will focus on all compartments of the Earth system such as the atmosphere, ocean, sea ice, land surface, and terrestrial and marine ecosystems. The holistic view of the Earth system will include the anthroposphere, considering human impacts on climate and environment. A number of teachers with different scientific background from all over the Baltic Sea region will introduce the PhD students and early career scientists into their own research topics in an easily understandable format. Lectures on observations, experiments and modelling will be complemented by exercises, debates on hot topics in Earth system science and knowledge gaps and a podium discussion. As a background the recently published BEARs (2022) and the HELCOM – Baltic Earth fact sheet on Climate Change in the Baltic Sea (2021) may trigger the exchange of ideas and concepts. The goal of the school is to provide an overview of the level of knowledge and to assist in future career choices. Informal meetings and discussions are planned in the evenings. All participants will be given the opportunity to present their research in the form of short talks and to open up for feedback.

Photo: A. and D. Majak

Photo: sts.sopot.pl

Course site: Institute of Oceanology of the Polish Academy of Sciences, Sopot, Poland

Course period: 4.5 full days in total, 18–22 March 2024, start Monday 9:30, end Friday 13:00

Estimated number of participants:

~80 persons.

ECTS: course offer the possibility to earn 3 points granted by University of Silesia and International Environmental Doctoral School

Photo: iopan.pl

Registration Deadline: 10 January 2024

Lecturers:

Hans von Storch, Helmholtz-Zentrum Hereon;
Jacek Bełdowski, Institute of Oceanology of the Polish Academy of Sciences;
Jacek Piskozub, Institute of Oceanology of the Polish Academy of Sciences;
Kari Hyytiainen, University of Helsinki;
Karol Kuliński, Institute of Oceanology of the Polish Academy of Sciences;
Kevin Parnell, Tallinn University of Technology;
LinLin, Max-Planck-Institut für Meteorologie;
Maciej Telszewski, International Ocean Carbon Coordination Project;
Marc Silberberger, National Marine Fisheries Research Institute;
Marcus Reckermann, Helmholtz-Zentrum Hereon;
Markus Meier, Helmholtz-Zentrum Hereon;
Martin Stendel, Danish Meteorological Institute;
Mirosław Darecki, Institute of Oceanology of the Polish Academy of Sciences;
Ralf Weisse, Helmholtz-Zentrum Hereon;
Urmas Lips, Tallinn University of Technology;

Supported by:

Costs:
No fees. Refreshments and light lunches during the breaks will be served free of charge. Accommodation and other meals are not included.

Accommodation:
Sopot is a very touristic spot with many available hotels and apartments. Alternatively you might also want to check accommodation in Gdynia and Gdańsk that can easily be reached by train within approx. 30 minutes.

Registration:
The School is open to PhD students and early career scientists (postdocs) in geosciences such as climate science, meteorology, physical, chemical and biological oceanography, hydrology, terrestrial and marine biogeochemistry, marine food web interactions and associated fields.

Please apply by sending a short motivation letter (max. 1 page) and CV to baltic.earth@iopan.pl

PhD students will be given priority.

Organizing committee:
Karol Kuliński
Katarzyna Koziorowska-Makuch
Laura Bromboszcz
Marcus Reckermann

Contact: baltic.earth@iopan.pl

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