



Baltic Earth Workshop on

Hydrology of the Baltic Sea Basin: Observation, Modelling, Forecasting

**State Hydrological Institute
St. Petersburg, Russia
8-9 October 2019**

Co-organized by State Hydrologic Institute, St. Petersburg, Russia
and Helmholtz-Zentrum Geesthacht, Germany



Climate change affects the water cycle of the Baltic Sea catchment basin, and adaptation will be required in the future. The extent to which the Baltic Sea region will be affected by changing hydrological conditions and what the best adaptation strategies are, is an issue of open discussion.

The workshop aims to bring together scientists to overcome the barriers in hydrological studies, including monitoring, modelling and forecasting. Both water quantity and quality issues will be discussed. We hope that covering the different facets of hydrology will help us to develop a more integrated understanding of the interactions between the water, energy and matter cycles, and the direct and indirect anthropogenic effects.

Objectives of the Workshop are:

- to review recent scientific contributions to assess past, current and future changes of the water cycle,
- to share the experience of hydrological and hydrochemical monitoring, using different tools and approaches,
- to review recent developments in hydrological modelling in the Baltic Sea basin and neighboring domains, and
- to discuss water quality issues and waste water treatment projects in the Baltic Sea basin.

Call for Papers

Oral and poster contributions are invited related to the topics given above.

Abstract Deadline

16 August 2019

Workshop Committee:

- Sergei Zhuravlev, State Hydrological Institute
- Maria Mamaeva, State Hydrological Institute
- Valery Vuglinsky, State Hydrological Institute
- Olga Zadonskaya, State Hydrological Institute
- Stefan Hagemann, Helmholtz-Zentrum Geesthacht
- Marcus Reckermann, Helmholtz-Zentrum Geesthacht



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185 YEARS
of hydrometeorological
service of Russia

 **Helmholtz-Zentrum
Geesthacht**

Centre for Materials and Coastal Research

For more details on abstract submission and registration,
see the website

baltic.earth/hydrology2019