

BALTIC SEA DAY 2020, PROGRAMME

08.30-08.35 WELCOME AND OPENING

Christoph Humborg, *Scientific Director of the Stockholm University Baltic Sea Centre*

08.35-09.40 CATCHMENT



Session chair: Fernando Jaramillo

- Fernando Jaramillo, *Using InSAR observations to understand effects of climate change on water resources in the Baltic Sea Basin*
- Gustaf Hugelius, *The impact of climate warming on permafrost in the Baltic Sea drainage basin*
- Sara Cousins, *Coastal meadows – habitats on the move*
- Georgia Destouni, *The Norrström/Baltic Multi-Actor Lab within the EU Project COASTAL Collaborative Land-Sea Integration Platform, 2018-2022*

09.40-09.55 COFFE BREAK

09.55-11.30 COASTAL AREAS



Session chair: Francisco Nascimento

- Florian Roth, *Seasonal variations of carbon dioxide and methane distribution across coastal habitats of the Baltic Sea*
- Volker Brüchert, *How can we scale inshore emissions of methane in the coastal Baltic and other coastal seas?*
- Johan Gustafsson, *Are naturally produced brominated compounds causing negative health effects for the Baltic Sea wildlife?*
- Camilla Liénart, *Are cyanobacteria good food for blue mussels?*
- Martin Jakobsson, *How to answer the question of a link between Baltic Sea submarine terraces and groundwater seeping?*
- Gabriel Freitas, *Bioaerosols emitted from Baltic sea water as studied by single-particle laser-induced fluorescence and DNA analysis*

11.30-12.30 LUNCH BREAK

12.30-13.35 OPEN SEA, PART 1



Session chair: Agnes ML Karlson

- Jana Johansson, *Identification of chemical compounds enriched in the Baltic sea surface microlayer*
- Henrik Svedäng, *New aspects on the decline of the Baltic cod*
- Agnes ML Karlson, *Food web changes explain contrasting patterns in cod and herring mercury concentrations over 4 decades*
- Aikaterini Glykou, *The story of the Baltic Sea harp seal: Reconstructing the history of an extinct population*

13.35-13.45 COFFE BREAK

13.45-15.05 OPEN SEA, PART 2



Session chair: Inga Koszalka

- Sarah Greenwood, *Tracing meltwater drainage from the Fennoscandian ice sheet*
- Julia Muchowski, *Mixing of water masses in the Baltic Sea*
- Kristofer Döös, *Tracing the Baltic Haline Conveyor Belt*
- Inga Monika Koszalka, *What can we learn about the swirling surface flows in the Baltic Sea from drifting instruments and modelled drifting particles?*
- Erik Gustafsson, *Is ocean acidification a threat to the Baltic Sea?*

15.05 – 15.15 COFFE BREAK

15.15 – 16.35 GOVERNANCE



Session chair: Gun Rudquist

- Flora Borchert, *Restricting chemicals under the REACH regulation: An examination of Key Studies used*
- Anna Christiernsson, *Legal governance of marine biodiversity*
- Brita Bohman, *From land to sea - Law and policy for reducing nutrients*
- Johan Schelin, *Environmental aspects of maritime law in the Baltic Sea*
- Johanna Hedlund, *Policy issue interdependencies and collaborative governance of the Norrström basin, Sweden*

16.35 – 16.45 CLOSING SESSION

Christoph Humborg, *Closing remarks with future prospects of the marine research at Stockholm University*