# BOOS Annual Meeting 2019

## Member report

| Institution | University of Latvia |
|---|---|
| Country | Latvia |
| Observations | Profile measurements by Latvian Institute of Aquatic Ecology (LHEI) www.lhei.lv (3-4 trips per year)<br><br>Coastal monitoring by LEGMC. 9 automated coastal stations. www.meteo.lv |
| Modelling | Continued and slightly improved operational Baltic sea model for Latvian coast (4 nested areas) with weather forcing by DMI Harmonie. New bathymetry from EMODnet 2018 – much better for Latvian territorial waters as in EMODnet 2016. 1 mile resolution at Latvian coast.<br><br>Continued operational model of 12 lakes with HBM, where 4 of the lakes are one way connected with the Baltic sea, www.modlab.lv/meteo |
| Data, product and service | Visual results are in www.water.lv under "VTPMML/PAIC meteolapa" |
| Projects including BOOS partners | Continued collaboration with National Armed Forces and Marine Search and Rescue about delivery of atmospheric and oceanographic forecasts up to at least 2022. We are using DMI forecasts. |
| Other relevant projects | National research project 2018-2021 DRIMO about drift of microplastics in waters around Latvia.<br><br>MERCATOR CMEMS user uptake project "Present the presesnt" (2018-2020) about making of interactive web platform for oceanographic visualisations. See www.water.lv<br><br>Research project 2019-2020 financed by Latvian Environmental Ministry on sedimentation around Latvian coast and ports in collaboration with Institute of Aquatic Ecology.<br><br>MERCATOR CMEMS user uptake project about waves and currents in coastal areas, ports (2019-2020): Liepaja, Venstpils, Riga, … |
| Involvement in BOOS tasks | Participation in BOOS activities. |
| Invovlement in EuroGOOS WGs, TTs | - |
| Suggestions to BOOS future activities | Development of common software tools |
| Additional information | |