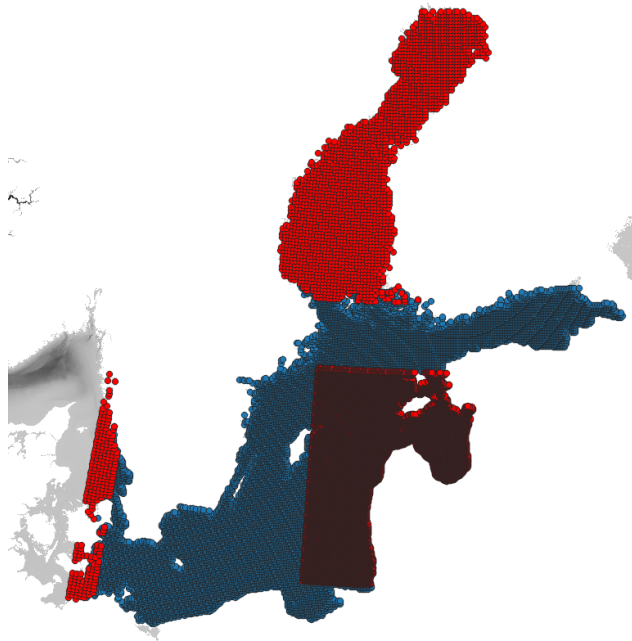# National report 2019, University of Latvia

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.

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

Continued collaboration with National Armed Forces and Marine Search and Rescue about delivery of atmospheric and oceanographic forecasts up to at least 2022.

Continued collaboration with Institute of Aquatic Ecology in Riga. They are still doing monitoring trips few times per year with profile data.

Coastal monitoring by LEGMC.

National research program "The value and dynamic of Latvia`s ecosystems under changing climate – Evident" ended last year, where we were involved in studies of currents and waves in Baltic sea, as well as climate change and wind.

National research project 2018-2021 DRIMO about drift of microplastics in waters around Latvia.

MERCATOR project "Present the presesnt" (2018-2020) about making of interactive web platform for oceanographic visualisations. See www.water.lv

Research project 2019-2020 financed by Latvian Environmental Ministry on sedimentation around Latvian coast and ports in collaboration with Institute of Aquatic Ecology.

MERCATOR project about waves and currents in coastal areas, ports (2019-2020): Liepaja, Venstpils, Riga, …