

„Homogenized marine gravity maps of southern and eastern Baltic Sea for modern 3D applications in marine geodesy, geology and navigation (BalMarGrav)”

Small project of the Interreg Baltic Sea Region Programme

Programme priority: 2. Water-smart society / Programme objective: 2.2 Blue economy

Period of realization: 2022-2024

Project value: 500 K€

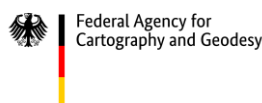
Project challenges:

- Improve the problem of insufficient and outdated mapping of the marine gravity field in the south-eastern Baltic Sea region;

Project objectives:

- Increase the potential of national sectoral agencies and the Baltic Sea Hydrographic Commission (BSHC) to realize their tasks;
- Building trust that could lead to further cooperation initiatives;
- Initiating and keeping networks that are important for the BSR.

Project Partners:



Associated organization:



Styrelsen for Dataforsyning
og Infrastruktur



NACIONALINĖ ŽEMĖS TARNYBA
PRIE ŽEMĖS ŪKIO MINISTERIJOS



MAA-AMET



Kartverket



BalMarGrav
MODERNIZED GRAVITY MAPS OF THE BALTIC SEA

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WP.1: Homogenization of the marine gravity maps of the southern and eastern Baltic Sea

A.1.2: Modern shipborne gravity surveys

Planned surveys:

- in June 2023 - gravity marine measurements in the territorial **waters of Poland, Denmark and Lithuania** conducted by the **Maritime University of Szczecin** (Poland, PP, the owner of NAWIGATOR XXI research-training vessel) and **Gdańsk University of Technology** (Poland, PP, the owner of MGS-6 gravimeter) with the support of the DTU Space (Denmark, PP) and VGTU (Lithuania, PP) colleagues;
- in April-July 2023 – gravity marine measurements in the territorial **waters of Latvia** conducted by **Lantmäteriet** (Sweden, PP, the owner of ZLS-D13 gravimeter) and **Latvian Geospatial information agency** (Latvia, AO);
- additional reference **absolute gravity** measurement conducted by the **Institute of Geodesy and Cartography** (Poland, PP, the owner of A10 gravimeter) in Szczecin, Klaipėda, Liepāja and Rīga ports as well as in additional points along the Polish coast.

