

eCUDO.pl - Oceanographic Data and Information System for Polish Arctic data resources

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The Action

Institute of Oceanology Polish Academy of Sciences (IO PAN), Institute of Meteorology and Water Management National Research Institute (IMGW), Maritime Institute in Gdańsk (IMG), Polish Geological Institute National Research Institute (PIG PIB), National Marine Fisheries Research Institute (MIR PIB) and University of Technology in Gdańsk (PG) - consortium of organizations engaged in research and exploitation of marine resources, established as POLMAR, together with SatBałtyk – the consortium consisting of Gdańsk University (UG), Szczecin University (US) and Pomeranian Academy in Słupsk (APS), with leading role of IO PAS in both consortia, for many years lead actions targeting harmonization, integration and coordinated provisioning of environmental data resources. These are the most of the organizations involved in marine research and continuous acquisition of oceanographic data. This initiative is leading activities towards the deployment of operational state of the system delivering demanded oceanographic data and products to the users and heading to establish Polish Oceanographic Data Committee.

eCUDO.pl

eOceanographicDataCenter.pl (eCUDO.pl) is entering the development phase. The contract undersignment procedure is ongoing and project started officially at March 1st, 2019. Project is developed in the frame of Digital Agenda Poland.

Deployment of unified system providing access to data resources managed by key scientific organizations in Poland will trigger synergy in data governance and enable an added value for national economy through increase of data availability.

Unified data formats and protocols will boost development of the services based on environmental data. Advanced services provided for clients (including big data processing and analysis services based on deep learning technologies) extend availability of oceanographic data both to Polish and European organisations.

System is open for all stakeholders and ready to aggregate other organisations and data sources. Up to now cooperation has been agreed with Ministry of Environment Protection and Ministry of Maritime Economy and Inland Navigation – System for Spatial Information of Maritime Authorities, and local authorities.

The eCUDO.pl project, when finished is intended to be well integrated with SIOS, SeaDataCloud and EMODNet systems.

