

BOOS Annual Meeting 2014

Member report

Country	Poland
Institution(s)	Maritime Institute of Gdańsk
Observations Status and new initiatives	Bottom mounted ADCP measurements (currents, waves, pressure, temperature, salinity, turbidity), CTD profiles (current and occasional) and meteorological measurements from anchored buoys in some places on Polish marine areas Flows, temperature and salinity observations on estuarine areas
Modelling Status and new initiatives	Operational wave model WAM, computing WAM wave hindcast starting 2003, in preparation implementation of local model (HIROMB)
Dissemination Status and new initiatives	Observations made for scientific and commercial purposes. Used for validations and development hydrodynamical models
Relevant national projects	<ul style="list-style-type: none"> – AQUILO — Development of methods for the marine wind turbine support structures type selection at the Polish Economical Zone. – VISTULA — Quantification of bedload sediment transport in the Vistula River mouth area
Relevant International projects	<ul style="list-style-type: none"> – Compendium an Assessment of Innovative and Sustainable Uses of Baltic Marine Resources (SUBMARINER). – Planning the future of the Baltic Sea - National and regional strategies with relevance for Polish maritime space (BaltSeaPlan). – Application of ecosystem principles for the location and management of offshore dumping sites in SE Baltic Region(ECODUMP). – „Chemical Munitions, Search & Assessment” in Gdańsk Deep (CHEMSEA) – „State-of-the-lagoon report” for Vistula Lagoon, Poland (ARCH). – Results Regional Consultation Gdańsk. Regions Power of Offshore Wind (4POWER) – Science and Policy Integration for Coastal System Assessment (SPICOSA). – Development and Pre-operational Validation of Upgraded GMES Marine Core Service and Capabilities (MyOcean 2). – Efficient, Safe and Sustainable Transport at Sea (EfficienSea). – Sub-regional Risk of Spill of Oil and Hazardous Substances in the Baltic Sea (BRISK). – Sustainable Management of Contaminated Sediments in the Baltic Sea (SMOCS)
Additional information	