

BOOS Annual Meeting 2018

Member report

Institution	Institute of Oceanology PAS
Country	Poland
Observations	<ol style="list-style-type: none">1. Investigations of inflow water dynamics : four r/v Oceania cruises/year2. Deployment of surface buoy in Slupsk Channel3. Deployment of ARGO floats in the Southern Baltic (2 CTD floats MOCCA project, 2 CTD O₂ floats- ArgoPoland)4. Deployment of surface bio-optical buoy in Gulf of Gdansk (summer)5. 14 cruises on the Baltic on r/v Oceania
Modelling	<ol style="list-style-type: none">1. Operational modelling system for the Baltic Sea: Ocean-Ice-Atmosphere. wind waves.2. NEMO model implementation in progress3. Modelling of hydrodynamical and biogeochemical processes: (3D CEMBS the ecosystem model of the Baltic Sea)4. Population modelling of Copepoda
Data, product and service	<p>Time series (since 1998) of CTD data, section from Gdansk Deep to Bornholm Basin, 4 times/year</p> <p>2 months of data (surface CTD bottom ADCP, CTD, meteo) from new deployed buoy. Buoy was recovered, plans to re-deploy in September</p> <p>50 CTD, O₂ profiles, 200 CTD profiles</p> <p>System SatBałtyk – operational system providing a wide range of parameters based on satellite data merged with models</p>
Projects including BOOS partners	Project full title/acronym and involved BOOS partner names, weblink
Other relevant projects	<p>ArgoPoland http://www.iopan.gda.pl/hydrodynamics/po/Argo/argo.html</p> <p>Knowledge transfer platform FindFISH http://www.findfish.pl/info/index</p>
Involvement in BOOS tasks	
Involvement in EuroGOOS WGs, TTs	
Suggestions to BOOS future activities	
Additional information	