

## BOOS Annual Meeting 2015

### Member report

|   |  |
|---|--|
| <b>Institution</b>                                      | <b>Institute of Oceanology, Polish Academy of Sciences</b>   |
| <b>Country</b>  | <b>Poland</b>  |
| <b>Observations<br/>Status and new<br/>initiatives</b>  | <ul style="list-style-type: none"> <li>• Continuous monitoring and research cruises of RV OCEANIA</li> <li>• Development of SatBaltic (Satellite Monitoring of the Baltic Sea environment) Operating System.</li> <li>• Reconstruction of buoy in South Baltic (in the frame of SatBaltic project)</li> <li>• Meteo station - Oceanographic data available online<br/><a href="http://www.iopan.pl/MarPoLab/wykresy/wykresy.php?lang=English+Version">http://www.iopan.pl/MarPoLab/wykresy/wykresy.php?lang=English+Version</a></li> </ul>   |
| <b>Modelling<br/>Status and new<br/>initiatives</b>     | <ul style="list-style-type: none"> <li>• Development of coupled ice-ocean model of the Baltic Sea. Increased vertical resolution, boundary conditons testing, development of ecosystem model</li> <li>• New online product for checking probability of the potential leakage or pollution will be available on line and will use operational model results (in frame of CHEMSEA and MODUM projects)</li> </ul>   |
| <b>Dissemination<br/>Status and new<br/>initiatives</b> | <ul style="list-style-type: none"> <li>• Workshops organized within SeaForSociety project, reaching scientific community, experts and community<br/><a href="http://seaforsociety.eu/np4/home.html">http://seaforsociety.eu/np4/home.html</a>,</li> <li>• Participation in the “Baltic Festival of Science”,</li> <li>• Organization of “Sopocki Piknik Naukowy” – event reaching out science and research to general audience.</li> </ul>   |
| <b>Relevant national<br/>projects</b>                   | <ul style="list-style-type: none"> <li>• SATBALTYK – Satellite monitoring system for the Baltic Sea - , Project co-financed by EU and Polish Government within the Innovative Economy Operational Programme 2007-2013, (IOPAN together with IOUG), will be extended up to end of 2015</li> </ul>   |
| <b>Relevant International<br/>projects</b>              | <ul style="list-style-type: none"> <li>• EUROFLEETS-2 New operational steps towards an alliance of European research fleets <a href="http://www.eurofleets.eu/np4/home.html">http://www.eurofleets.eu/np4/home.html</a></li> <li>• E-AIMS Euro-Argo Improvements for the GMES Marine Service <a href="http://www.euro-argo.eu/EU-Projects-Contribution/E-AIMS">www.euro-argo.eu/EU-Projects-Contribution/E-AIMS</a></li> <li>• SeaDataNet 2</li> <li>• CHEMSEA Chemical Munitions Search &amp; Assessment Program Regionu Morza Bałtyckiego<br/><a href="http://www.chemsea.eu">www.chemsea.eu</a></li> <li>• MODUM - Towards the Monitoring of Dumped Munitions Threat. NATO Science for Peace and Security (SPS) programme<br/><a href="http://water.iopan.gda.pl/projects/MODUM/index.php?start=4">http://water.iopan.gda.pl/projects/MODUM/index.php?start=4</a></li> <li>• GAME and AWAKE 2 – projects focused on oceanographic and ecosystem of the Arctic</li> <li>• COMMON SENSE - Cost-effective sensors, interoperable with international existing ocean observing systems, to meet EU policies requirements <a href="http://www.commonsenseproject.eu/">http://www.commonsenseproject.eu/</a></li> <li>• PINBALL - Development of a spectrophotometric pH-measurement system for monitoring in the Baltic Sea; BONUS-185 Innovation <a href="http://www.bonusportal.org/pinbal">www.bonusportal.org/pinbal</a></li> </ul> |
| <b>Additional information</b>                           | According to agreement of cooperation IOPAN will refurbish and deploy buoy in the Slupsk Farrow on the basis of infrastructure available   |

|  |         |
|--|---------|
|  | at SMHI |
|--|---------|