

## BOOS Workshop on Coastal Operational Oceanography

**Meeting Place:** BELSPO (EuroGOOS)  
**Address:** Avenue Louise 231 Brussels, 1050 Belgium  
**Date:** May 22, 2018

### Tuesday 22 May Workshop on Coastal Operational Oceanography

8:30 – 9:00 Registration	
9:00 Welcome from EuroGOOS	
Session 1: BOOS external cooperation Chair: Tarmo Kouts	9:10-9:30 EOOS Overview, <i>Glenn Nolan, EuroGOOS</i> 9:30-9:50 Introduction to NOOS activities, <i>Sebastian Legrand, MUMM (TBC)</i> 9:50-10:10 BAL MFC Phase 2, <i>Vibeke Huess, DMI</i> 10:10-10:30 Introduction to BOOS activities, <i>Jun She, DMI</i> Discussions on potential collaborations <ul style="list-style-type: none"> <li>- Potential BOOS-EOOS cooperation</li> <li>- Potential BOOS-NOOS cooperation</li> <li>- Potential BOOS-CMEMS cooperation</li> </ul>
Coffee Break	10:40-11:00
Session 2: Baltic Modelling Program (BMP) Chair: Lars Axell	11:00-11:20 NEMO-Nordic: status and future development, <i>Adam Nord, SMHI</i> 11:20-11:40 NEMO Data Assimilation and PDAF cooperation, <i>Lars Axell, SMHI</i> 11:40-11:50 Forecast and modelling challenges in BMP, <i>Jun She, DMI</i> Questions and discussions <ul style="list-style-type: none"> <li>- What are your modelling needs and challenges at national level?</li> <li>- How can community basin-scale models help in coping with national modelling challenges?</li> <li>- How can basin scale forecast benefit the local forecast? (lateral boundary conditions)</li> <li>- How can MME be used for improving operational forecast?</li> <li>- Standardized cal/val approach (CMEMS cal/val metrix)</li> <li>- Bathymetry and coastline optimization (to ensure use of best and most updated data)</li> <li>- Towards coastal data assimilation (PDAF)</li> </ul>
Lunch	12:30-13:30
Session 3: coastal modelling and forecasting Chair: Adam Nord	13:30-13:45 Task dependency graph in ocean model parallelization, <i>Piotr Piotrowski, MIG</i> 13:45-14:00 Coastal modelling of Liepaja port and lake system, <i>Vilnis Frishfelds, UL</i> 14:00-14:15 Multi-Model Ensemble Forecast for the Baltic Sea, <i>Thorger Brüning, BSH</i> 14:15-14:30 Circulation dynamics in the Gulf of Finland, <i>Antti Westerlund, FMI</i> 14:30-14:45 CLAIM – Managing plastic litter in the marine environment with the help of ocean models, <i>Jens Murawski, DMI</i> Questions and discussions
Coffee Break	15:00 – 15:30
Session 4: coastal monitoring and observations Chair: Jan Hinrich	15:30-15:45 NRT ship data exchange and CMEMS INSTAC, <i>Johanna Linders, SMHI</i> 15:45-16:00 Online measurements for phytoplankton biology – Lessons from Algaline and JericoNEXT–coastal session, <i>Jukka Seppälä, SYKE</i> 16:00-16:15 Oil detection with ferrybox system: GRACE project, <i>Tarmo Kõuts, MSI</i> 16:15-16:30 Common reference datum in the Baltic Sea, <i>Thomas Hammarklint, SMA</i>

Reißmann	16:30-16:45 Upgraded Sea Level network in Sweden, <i>Thomas Hammarklint, SMA</i> 16:45-17:00 An introduction to Ocean State Report 2017, <i>Jun She, DMI</i> Questions and discussions
End	17:30
BOOS Dinner	19:00 (place to be decided)

Contact on local organizer:

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## BOOS Annual Meeting

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**Chair:** Jun She  
**Rapporteur:** Jens Murawski

9:00-10:30	Approval of agenda Round table presentation (official representative and observers) Status of BOOS membership BOOS Modelling Program <ul style="list-style-type: none"> <li>- Annual report, SMHI</li> <li>- Continue discussions on BMP</li> </ul> BOOS Observation Program (leadership and next step) BOOS Activities <ul style="list-style-type: none"> <li>- Website WG</li> <li>- MME TT</li> <li>- NRT ship data delivery TT</li> <li>- Communication</li> <li>- Observing system assessment and integration</li> <li>- BOOS involvement in EuroGOOS Task Teams (TTs) and Working Groups (WGs)</li> </ul>
10:30-11:00	Coffee Break
11:00-12:30	Program continue
12:30-13:30	Lunch
13:30	End of the meeting