

BOOS Annual Meeting 2019 Agenda

Meeting Place: Leibniz-Institut für Ostseeforschung Warnemünde (IOW)
Address: Seestraße 15, 18119 Rostock, Germany
Date: June 12-13, 2019

Wednesday 12 June: BOOS Workshop on Integrated Baltic Sea Operational Oceanography

8:30 – 9:00	Registration
9:00	Welcome from IOW (TBC)
9:10	BOOS Overview – present and future, <i>Jun She, DMI</i>
Session 1: Seamless modelling & forecasting <i>Chair: Laura Tuomi; Moderator: Thorger Bruening</i>	
9:30-9:45	Baltic sea – Liepaja port – Liepaja lake coastal model 2018-2019. <i>Vilnis Frishfelds, UL</i>
9:45-10:00	Baltic Sea HZG Modelling Activities. <i>Joanna Staneva, HZG</i>
10:10-10:15	CLAIM project: Modelling drift and fate of micro-plastics in the Baltic Sea, <i>Jens Murawski, DMI</i>
10:15-10:30	Implementation of the newest sea-ice model (CICE 6.0) for Baltic Sea, <i>Jaromir Jakacki, IOPAN</i>
10:30-10:40	Q&A, discussions on <ul style="list-style-type: none"> - Forecasting capacities needed towards seamless earth system information services - Technical standards for operational coastal-estuary forecasting: how to choose an ocean model for providing seamless services in national waters? - Technical challenges for developing new forecasting capacities
10:40-11:00	Coffee Break
Session 2: Operational marine climatology (OMC) <i>Chair: Joanna Staneva; Moderator: Jens Murawski</i>	
11:00-11:15	Sea level change in future: mapping Danish municipality needs for climate information, <i>Jian Su, DMI</i>
11:15-11:30	Towards regional coupled climate modelling at BSH, <i>Frank Janssen, BSH</i>
11:30-11:45	Baltic Sea Model Intercomparison Project (BMIP), <i>Markus Meier, IOW</i>
11:45-12:00	Multiyear and interim reanalysis from BAL MFC, <i>Adam Nord, SMHI</i>
12:00-12:15	Marine heatwaves in summer 2018, <i>Jun She, DMI</i>
12:15-12:30	Q&A, discussions – linking operational oceanography and climate change <ul style="list-style-type: none"> - What are themes with common interests from both operational and climate scales - Coordination on national marine climate change projects: products generation, coastal adaptation standards, quality standards etc. - How can operational oceanography contribute to Baltic Earth System research and vis versa? - What about an OMC Working Group, mainly for OMC coordination?
12:30-13:30	Lunch
Session 3: operational ecology <i>Chair: Michael Neumann; Moderator: Markus Meier</i>	
13:30-13:45	Operational ecology in Baltic Sea, <i>Jun She, DMI</i>
13:45-14:00	Ecological modelling in coastal ecosystems, <i>Marie Maar, AU</i>
14:00-14:15	Unstructured local scale marine modelling with FlexSem, <i>Janus Larsen, AU</i>
14:15-14:30	Ocean Monitoring Indicators of the Baltic Sea, <i>Priidik Lagemaa, MSI</i>
14:30-14:45	Q&A, discussions on <ul style="list-style-type: none"> - Promoting OE at national level: identify major players and needs for OE - Breaking institutional barriers on national OE cooperation and coordination: sharing national best practices

	<ul style="list-style-type: none"> - What about an OE Working Group for OE coordination and BOOS OE Strategic development? - Experiences from previous projects eg ECOSUPPORT?
14:45-15:00	Coffee break
Session 4.1: Monitoring and observations <i>Chair: Jan Hinrich Reißmann; Moderator: Thomas Hammarklint</i>	
15:00-15:15	EMODnet and BOOS, <i>Patrick Gorringer, SMHI</i>
15:15-15:30	Hydrographic observations from fishing vessels, <i>Cooper Van Vranken, Berring Data Collective A/S (Invited talk)</i>
15:30-15:45	ESA/Baltic+ projects - BalticSEAL and Baltic+Salinity, <i>Laura Tuomi, FMI</i>
15:45-16:00	SatBałtyk system as a tool supporting assessment of the marine environment, <i>Mirosław Darecki, IOPAN</i>
16:00-16:15	Multiplatform observations of the cyanobacteria bloom in the Baltic Sea in 2018, <i>Jukka Seppälä, SYKE</i>
16:15-16:30	Q&A, discussions on <ul style="list-style-type: none"> - Integration on multi-platform monitoring and data: identify barriers and potential solutions - Coordination on BOOS satellite community with supporting from on-going ESA projects
16:30-16:45	Coffee break
Session 4.2: Monitoring and observations <i>Chair: Mirosław Darecki; Moderator: Patrick Gorringer</i>	
16:45-17:00	Baltic Sea Chart Datum 2000 – a common reference level for nautical charts and sea level information in the Baltic Sea, <i>Thomas Hammarklint, SMA</i>
17:00-17:15	Sea level and sea state observation and forecast network in Estonia, <i>Tarmo Kouts, MSI</i>
17:15-17:30	Argo floats in the Southern Baltic Sea, <i>Daniel Rak, IOPAN</i>
17:30-17:45	EuroArgo-RISE: enhancing and extending the capabilities of the Argo network, <i>Laura, Tuomi, FMI</i>
17:45-18:00	Q&A, discussions on technical challenges & gaps on <ul style="list-style-type: none"> - A sustainable water level monitoring network in the Baltic Sea - A sustainable Argo monitoring network in the Baltic Sea
18:00	End of the meeting
19:00	BOOS Dinner (TBC)

Morning 13 June – BOOS working meeting

Session 1: National progress report , <i>Chair: Jun She; Rapporteur: Tarmo Kouts</i>	
9:00-10:20	BSH, DMI, EPA, FCOO, FMI, HZG, IOPAN, IOW, MSI, SMA, SMHI, SYKE, UL (5 minutes each)
10:20-10:40	Coffee Break
Session 2: BOOS Programs and Working Groups , <i>Chair: Jun She; Rapporteur: Tarmo Kouts</i>	
10:40-10:50	BOOS Modelling Program – current status, <i>Adam Nord, SMHI</i>
10:50-11:00	Model calibration and validation <i>Simon Jandt, BSH</i>
11:00-11:10	Multi-model ensemble for national storm surge purposes, <i>Laura Tuomi (FMI) and Inga Golbeck (BSH)</i>
11:10-11:20	Data Assimilation, <i>Lars Axell (SMHI) and Jun She (DMI)</i>
11:20-11:30	NRT Ship data delivery, <i>Johanna Linders (SMHI, presented by Patrick Gorringer?)</i>
11:30-11:40	BOOS website, <i>Jan Hinrich Reißmann, BSH</i>
11:40-11:50	BOOS Communication, <i>Jun She, DMI</i>
11:50-12:30	Q&A, discussions <ul style="list-style-type: none"> - BOOS Observation Program – current status and how to move on? - New working groups on modelling, operational marine climatology and operational ecology?

12:30-13:30	Lunch
-------------	-------

Afternoon 13 June – BOOS business meeting (13:30-17:00)

Chair: Jun She

Rapporteur: Normally this is provided by the host institute (IOW)

1. Approval of Agenda
2. Introduction of BOOS SG candidates
3. Election of BOOS SG members (4 vacancies)
4. Introduction of BOOS Modelling Program (BMP) Board candidates
5. Election of BMP Board members
6. Re-launching BOOS Observation Program (BOP)
 - MoU
 - In-situ community
 - Remote sensing community
7. BOOS organizational structure (discussion, see Appendix 1)
8. External partnership – BOOS ambassadors (contact list, see Appendix 2)
9. BOOS Strategy post2020 brainstorm:
 - Introduction to EuroGOOS Strategy post2020 (Erik Buch)
 - Vision & mission
 - Roadmap for making a new BOOS Strategy
10. AOB

Appendix: participation list:

Name	Workshop 12/06	Progress meeting Morning 13/6	Business meeting Afternoon 13/6	Member
Janus Larsen	X			AU
Marie Maar	X			AU
Frank Janssen	X	x		BSH
Thorger Brüning	X	x	X	BSH
Jan Reissmann	X	x	x	BSH
Simon Jandt	X	x	x	BSH
Jun She	X	X	X	DMI
Jens Murawski	X	X	X	DMI
Jian Su	X	X	X	DMI
Paulius Petrošius	X	x	x	EPA
Johan Söderqvist	X	X	X	FCOO
Laura Tuomi	X	X	X	FMI
Joanna Staneva	X	x	x	HZG
Mirosław Darecki	X	X	X	IOPAN
Daniel Rak	X			IOPAN
Jaromir Jakacki	X	x	x	IOPAN
Markus Meier	X			IOW
Michael Neumann	X	x	x	IOW
Volker Mohrholz	X			IOW
Tarmo Kouts	X	x	x	MSI
Priidik Lagemaa	X	x	x	MSI
Thomas Hammarklint	X	X	X	SMA
Adam Nord	X	X	X	SMHI
Patrik Ljungemyr	X	X		SMHI
Patrick Gorringe	X	x	x	SMHI
Jukka Seppälä	X	x	X	SYKE
Vilnis Frishfelds	X	x	X	UL
Cooper Van Vranken	X			Berring Data Collective
Erik Buch	X	x	x	EuroGOOS