

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, <i>Markus Meier</i>	
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"> - New forecasting capacities needed and related technical challenges towards seamless earth system information services - How shall modelling R&D contribute to the BOOS model and local models? Do we need a Modelling WG?
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	Unstructured local scale marine modelling with FlexSem, <i>Janus Larsen, AU</i>
14:00-14:15	Ecological modelling in coastal ecosystems, <i>Marie Maar, 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 Gorringe, 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 Gorringe</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 (self-paid): Wenzel Prager Bierstuben Warnemünde , Am Bahnhof 1a 18119 Warnemünde

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 Gorringe?)</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

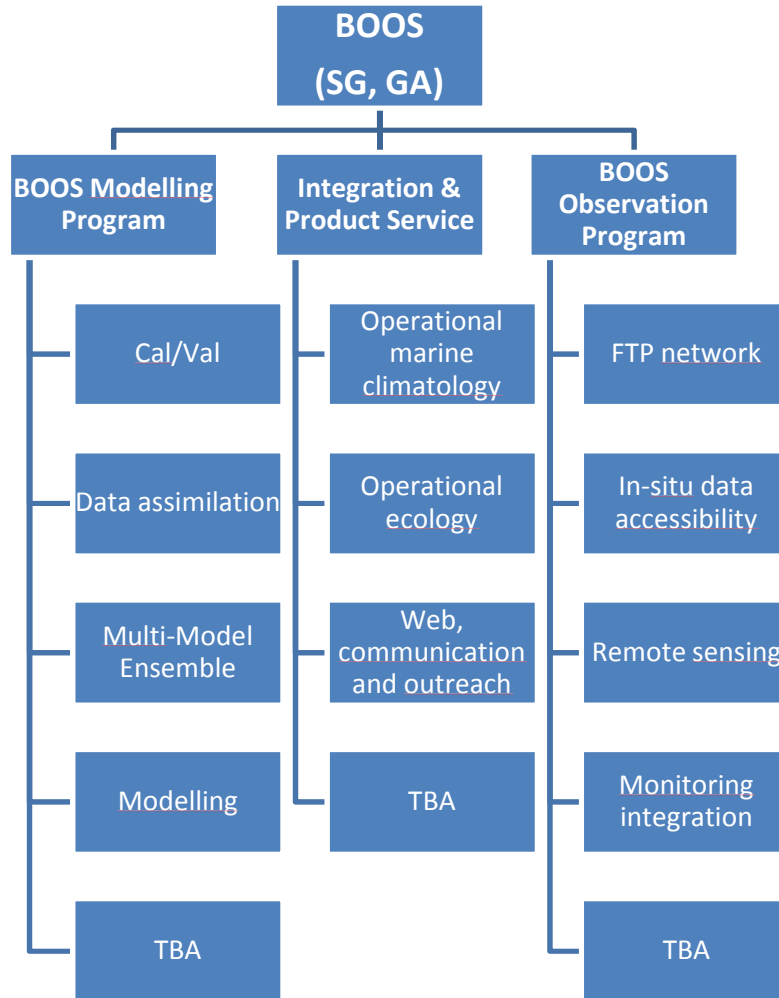
Afternoon 13 June – BOOS business meeting (13:30-17:00)

Chair: Jun She

Rapporteur: TBD

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. Discussion on BMP (the Agreement, activities)
7. Re-launching BOOS Observation Program (BOP)
 - o MoU
 - o In-situ community
 - o Remote sensing community
8. BOOS organizational structure (discussion, see Appendix 1)
9. External partnership – BOOS ambassadors (contact list, see Appendix 2)
10. BOOS Strategy post2020 brainstorm:
 - o Introduction to EuroGOOS Strategy post2020 (Erik Buch)
 - o Vision & mission
 - o Roadmap for making a new BOOS Strategy
11. AOB

Appendix 1 – BOOS organizational structure for discussion



Appendix 2 – BOOS ambassador (a draft list)

Role of BOOS ambassador: In S&T areas, there is pan-European cooperation or regional cooperation in both operational and non-operational areas e.g. EuroGOOS Task Teams (TT) and Working Groups (WG), HELCOM, Baltic-Earth. BOOS partners are involved in relevant groups or organizations.

The idea of BOOS ambassador is that the ambassador can provide updated information on progresses made in relevant groups and probably facilitate the Baltic Sea cooperation in the relevant areas. An ambassador has to be actively involved in the corresponding group. Currently EuroGOOS is promoting the “ROOS Ambassador” concept. NOOS has adopted this idea.

In the minimum level, the list of BOOS ambassadors can be used as contact points for BOOS connections to different external activities or organizations.

A table on the potential “BOOS ambassadors” has been prepared for discussion, with the status of BOOS partner involvement and recommended names of the ambassadors. There are still missing information.

External community name	Involved BOOS partners	Key persons involved	BOOS ambassador (TBC)	External contact point
DataMEQ WG	BSH, HZG, SMHI	Susanne Tamm, Wilhelm Petersen Johanna Linders,	Linders Johanna johanna.linders@smhi.se	Sylvie Pouliquen, Sylvie.Pouliquen@ifremer.fr
SAWG	BSH, DMI, HZG	Jun She, Jan Hinrich Reißmann, Emil Stanev	Jun She, js@dm.dk	Jun She, js@dm.dk
CoastalWG	DMI, HZG	Jun She. Joanna Stanev	Joanna Staneva joanna.staneva@hgz.de	Ghada ElSerafy, Ghada.ElSerafy@deltares.nl
TPWG	N/A	N/A	N/A	Rajesh Nair rnair@ogs.trieste.it
Euro-ARGO ERIC	BSH, FMI, IOPAN	Pekka Alenius, Jari Haapala, Waldemar Walczowski	Waldemar Walczowski walczows@iopan.pl	euroargo@ifremer.fr
Glider TT	FMI, MSI	Pekka Alenius Urmass Lips	Pekka Alenius, Pekka.Alenius@fmi.fi	Victor Turpin, vtlod@locean-ipsl.upmc.fr
Tide Gauge TT	BSH, DMI, FMI, MSI, SMHI, SMA	Anna Gyldenfeldt, Kristine S. Madsen, Katri Leinonen Tarmo Kouts, Thomas.Hammarklint	Thomas.Hammarklint Thomas.Hammarklint @sjofartsverket.se	Begoña Pérez Gómez bego@puertos.es
Ferrybox TT	EMI, HZG, IMGW, MSI, SMHI, SYKE	Tiit Kutser Wilhelm Petersen, Urmass Lips	Seppälä Jukka, jukka.seppala@ymparisto.fi	Wilhelm Petersen, wilhelm.petersen@hgz.de
BALMFC	BSH, DMI, FMI, MSI,	Vibeke Huess, (CO) Jun She (DA, MYP) Ina Lorkowski (BIO) Laura Tuomi (WAV)	Vibeke Huess, vh@dm.dk	Vibeke Huess, vh@dm.dk

	SMHI	Priidik Legma (OSR, OMI) Adam Nord (NRT operation)		
INSTAC	SYKE, SMHI	Linders Johanna	Linders Johanna johanna.linders@smhi.se	Sylvie Pouliquen, Sylvie.Pouliquen@ifremer.fr
OCTAC	SYKE	Jenni Stila	Jenni Attila, jenni.Attila@environment.fi	Vittorio Brando, v.brand@isac.cnr.it
ICETAC	FMI	Juha Karvonen	Juha Karvonen juha.karvonen@fmi.fi	Anton Korosov anton.korosov@nersc.no
SSTTAC	DMI	Jacob L. Høyer	Jacob L. Høyer, jlh@dm.dk	Jacob L. Høyer, jlh@dm.dk
HELCOM	DCE, IOW, IMGW, MSI, SYKE, SMHI,	Urmas Lips	Urmas Lips, Urmas.lips@teltac.ee	Urmas Lips, Urmas.lips@teltech.ee
JERICO-S3	DMI, FMI, HZG, IOW, SMHI, SYKE	Lauri Laakso, Gregor Rehder Johannes S. Stellenfleth Karlson Bengt Urmas Lips Patrick.Gorringe Seppälä Jukka Jun She	Seppälä Jukka jukka.seppala@ymparisto.fi	Laurent Ifremer
EMODnet SG	DMI	Jun She	Jun She, js@dm.dk	Jan-Bart Calewaert, janbart.calewaert@emodnet.eu
EMODnet Physics	SMHI	Patrick Gorringe	Gorringe Patrick, Patrick.Gorringe@smhi.se	Antonio Novellino antonio.novellino @ettsolutions.com
BSHC (water level WG)	SMA	Thomas.Hammarklint	Thomas.Hammarklint Thomas.Hammarklint @sjofartsverket.se	Thomas.Hammarklint Thomas.Hammarklint @sjofartsverket.se
ICES Ecological Modelling WG	AU	Marie Maar	Marie Maar mam@bios.au.dk	
EMODnet Bathymetry	BSH SMA			Corine Lochet corine.lochet@shom.fr
EMODnet Chemistry	BSH DCE IMGW IOW MSI SMHI SYKE			Alessandra Giorgetti agiorgetti@inogs.it
Baltic Earth	DMI, FMI, HZG, IOW, IOPAN, KU, MSI SMHI, SYKE	Martin Stendel Jari Haapala Ralf Weisse Markus Meier Karol Kulinski Inga Dailidienė Urmas Lips Matthias Gröger Kai Myrberg		Markus Meier markus.meier@io-warnemuende.de

BOOS AM 2019 participation list

Apologies: Tanya Eremina (RSHU), Tamara Zalewska (IMGW), W Cieslikiewicz (IOUG), Tiit Kutser (EMI), Ulf Graewe (IOW) Thomas Neumann (IOW), Attila Jenni (SYKE) & Jacob L. Hoeyer (DMI).

	Name	Workshop 12/06	Progress meeting Morning 13/6	Business meeting Afternoon 13/6	Member
1	Janus Larsen	X			AU
2	Marie Maar	X			AU
3	Birte- Marie Ehlers	X			BSH
4	Frank Janssen	X	X		BSH
5	Jan Reissmann	X	X	X	BSH
6	Janna Abalichin	X			BSH
7	Simon Jandt	X	X	X	BSH
8	Thorger Brüning	X	X	X	BSH
9	Jens Murawski	X	X	X	DMI
10	Jian Su	X	X	X	DMI
11	Jun She	X	X	X	DMI
12	Paulius Petrošius	X	X	X	EPA
13	Johan Söderqvist	X	X	X	FCOO
14	Laura Tuomi	X	X	X	FMI
15	Joanna Staneva	X	X	X	HZG
16	Daniel Rak	X			IOPAN
17	Jaromir Jakacki	X	X	X	IOPAN
18	Mirosław Darecki	X	X	X	IOPAN
19	Markus Meier	X			IOW
20	Michael Neumann	X	X	X	IOW
21	Volker Mohrholz	X			IOW
22	Germo Väli	X	X		MSI
23	Priidik Lagemaa	X	X	X	MSI
24	Tarmo Kouts	X	X	X	MSI
25	Thomas Hammarklint	X	X	X	SMA
26	Adam Nord	X	X	X	SMHI
27	Falahat Saeed	x	X	X	SMHI
28	Patrik Ljungemyr	X	X		SMHI
29	Patrick Gorringer	X	X	X	SMHI
30	Jukka Seppälä	X	X	X	SYKE
31	Vilnis Frishfelds	X	X	X	UL
32	Cooper Van Vranken	X			Berring Data Collective
33	Erik Buch	X	X	X	EuroGOOS
Total		33	25	22	

For dinner in 12/6, green means “uncertain”, red means “no”. So we shall count 27-29 for the dinner.