

BOOS business meeting 2019, minutes

13 June 2019, IOW

Chaired by Jun She, Rapporteur Jens Murawski.

List of Participants: Jan Reissmann (BSH), Thorger Brüning (BSH), Jun She (DMI), Jens Murawski (DMI), Paulius Petrošius (EPA), Johan Söderqvist (FCOO), Laura Tuomi (FMI), Joanna Staneva (HZG), Miroslav Darecki (IOPAN), Volker Mohrholz (IOW), Tarmo Kouts (MSI), Thomas Hammarklint (SMA), Patrick Gorringer (SMHI), Jukka Seppälä (SYKE), Vilnis Frishfelds (UL), Erick Buch (Euro GOOS)

Apologies: Tanya Eremina (RSHU), Tamara Zalewska (IMGW), W Cieslikiewicz (IOUG), Tiit Kutser (EMI), Valters Žeižis (LEGMC), Marie Maar (AU).

Votes for BOOS SG members and BMP Board members have been sent by absent partners IMGW, IOUG, EMI, LEGMC and AU, and taken into account in the final voting results.

HZG, change of membership status: HZG declared interest in becoming formal member of BOOS. The approval process has been initiated at HZG. In a formal vote, the BOOS AM (Annual Meeting) agreed unanimously to change the membership status and to welcome HZG as formal member once the documents have been signed.

BOOS steering group: The BOOS Annual Meeting was asked to elect or re-elect 4 members of the BOOS Steering Group. According to the BOOS MOU (Memorandum of Understanding), a steering group member can serve for a maximum of 2 terms with a length of 4 years (8 years in total). Two members: Miroslav Darecki and Laura Tuomi could be re-elected for their second term. Two positions were vacant and had to be appointed by vote. 5 candidates were in contest for the 4 seats. Chairmen Jun She proposed to increase the number of steering group members temporarily, to better reflect the increase of activities in the BOOS programs e.g. operational marine climatology, operational ecology and seamless forecast. This would allow all 5 candidates to join the BOOS steering group. It was decided by vote, to amend the BOOS MOU and to give the BOOS Annual Meeting the possibility to vote for an increase or decrease of the number of steering group participants by 1 member. There were no objections.

BOOS steering group:

- Jun She, chairmen (DMI), elected for first term in 2016, chairman since 2017
- Tarmo Kouts (MSI), elected for first term in 2017
- Laura Tuomi (FMI), elected for first term in 2015, re-elected for second term in 2019
- Miroslav Darecki (IOPAN), elected for first term in 2015, re-elected for second term in 2019
- Patrick Gorringer (SMHI), elected for first term in 2019
- Thorger Brüning (BSH), elected for first term in 2019
- Michael Naumann (IOW), elected for first term in 2019

BOOS Modelling Program (BMP): The BOOS modelling program board was elected or re-elected by the BOOS Annual Meeting. 5 candidates were available for the 4 positions. It was proposed to change the number of board members from 4 to 5, to allow all 5 candidates to be part of the BMP board. The BOOS Annual meeting agreed unanimously by vote. According to the BMP MOU, the position as program manager, scientific coordinator and operational coordinator had to be appointed by the Annual Meeting.

- Thorger Brünning (BSH), program manager
- Adam Nord (SMHI), candidate for the position as operational coordinator
- Jens Murawski (DMI), scientific coordinator
- Joanna Staneva (HZG)
- Vilnis Frishfelds (UL)

Adam Nord could not take part in the BOOS annual meeting. Therefore it was decided to appoint him temporarily to the position as operational coordinator. Patrick Gorringer will confirm with him.

BOOS Observational Program (BOP):

The program manager of the BOOS observational program is to be appointed by the BOOS Annual Meeting. Patrick Gorringer (SMHI), Thomas Hammarklint (SMA) and Miroslaw Darecki (IOPAN) have accepted to share the responsibility of coordinating the BOOS Observational Programme (BOP) including finalizing BOP MoU, collecting signatures from the BOP partners.

The BOP data policy was discussed in more detail. It was decided that BOP data policy should not conflict with the national and institutional data policy. Each partner has the possibility to amend his version of the BOP MoU, to resolve potential conflicts.

Discussions of the BOOS Observational Program (BOP) MoU: Jan Reissmann gave an introduction to the BMP MoU, especially to the role of the Program Plan, which specifies every partner commitments and obligations.

The role of BOP was discussed in more detail. BOP is seen as the body that is working on defining requirements for observational systems, implementation and integration of national monitoring activities, as well as sustaining monitoring activities in the Baltic Sea. Since BOP partners are responsible for both operational monitoring and national environmental monitoring (coordinated by HELCOM), BOP should join forces with HELCOM and work on the coordination between HELCOM monitoring activities and operational monitoring activities.

Actions:

- BOP Manager to finalize BOP MoU and collect signatures from the BOP partners.
- BOP Manager to establish a stronger link to HELCOM.
- BOP to establish and integrate new monitoring activities and data collection with regards to Underwater Noise data, river data and micro/macro plastic data.
- BOP to identify impact of different monitoring components by integrating observations and models

BOOS strategy, Mission and Vision

BOOS is in the process of defining its new strategy. Erik Buch gave a presentation and introduced the process of EuroGOOS post2020 strategy to the BOOS partners. EuroGOOS will focus on operational oceanography activities not only for improving forecasting service but also for climate change and ocean health. It was agreed that the BOOS strategy shall reflect the EuroGOOS strategy. BOOS will extend her operational oceanography activities to support marine climate service and ecological service through integrating a variety of monitoring and monitoring components.

Jun She presented a re-organization of BOOS: in addition to BMP and BOP, an integrated service component is proposed, i.e., services for Blue Growth, public safety, climate change adaptation and ocean health by integrating monitoring and modelling activities.

Action:

- Steering Group to define Vision at a separate meeting.

Discussions on BOOS joint activities:

The BOOS AM agreed that BOOS is a good platform for networking and data exchange. BOOS partners have a strong expertise in Baltic Sea research and operational activities. It was agreed that the BOOS cooperation shall be further developed.

Baltic Sea basin ocean modeling: single or multiple models? : HIROMB Agreement was made to develop a Baltic Sea model for oil combatting support (Seatrack Web). HIROMB was lately replaced by HIROMB-BOOS Model (HBM) as a CMEMS BAL MFC model. Currently BAL MFC is developing NEMO model to replace the HBM model for Baltic Sea forecast. Currently multiple ocean models (HBM, GETM, NEMO etc.) have a capacity to make Baltic Sea forecast with different quality. In recent years, a multi-model ensemble prediction has also been developed by BOOS partners. The discussion also touched upon the issue of Seatrack Web being a commercial service for which partners have to pay a fee.

Discussion on the role and purpose of the BOOS programs: BOP and BMP, especially with regards to CMEMS. It was decided to perform a survey among BOOS partners to identify the interests in joining additional activities: Operational marine climatology, Operational ecology, remote sensing, Web, communication and outreach and programs: Integration and Product Service.

Action:

- Jun She to list a number of potential activities and to distribute them to relevant members, BMP Board members and BOP managers.
- BMP board members and BOP manager(s) help to further develop the ideas of joint activities