

Agenda Item 7: Reports from ROOSes

Document 7.1: Chair's reports

Full TT Title	EuroGOOS Baltic Sea Operational Oceanography System
Established	1999-2001
Chair/co-Chairs	Jun She
Current members	<p>Members (19):</p> <p>BSH, DMI, EMI, EPA, FCOO, FMI, IMGW, IOPAN, IOW, LEGMA, MIG, MSI, NWAHEM, SMA, SMHI, SPb-SOI, SYKE, UG, UL</p> <p>Associated members (4):</p> <p>DCE (TBC), HZG, KU, RSHU</p>
Main contact person	<p>BOOS Steering Group:</p> <ul style="list-style-type: none"> - Jun She, js@dmi.dk; - Andersson Pia, Pia.Andersson@smhi.se; - Jan H. Reißmann, Jan.Reissmann@bsh.de; - Laura Tuomi, laura.tuomi@fmi.fi; - Moroslaw Darecki, Darecki@iopan.gda.pl; - Tarmo Kouts, tarmo.kouts@msi.ttu.ee;
Webpage	http://www.boos.org/
Objective	BOOS (Baltic Sea Operational Oceanography System) is a network of institutes in Baltic Sea countries which provide operational oceanographic services. BOOS vision is to provide integrated marine services to the marine users and policy makers. The BOOS objective is to Co-ordinate, harmonize and develop operational oceanographic observation, information, forecasting systems and services for the Baltic Sea through effective cooperation
Relevance to EuroGOOS Strategy	<p>BOOS contributes to EuroGOOS strategy 2014-2020 on:</p> <ul style="list-style-type: none"> - Identify European priorities for operational Oceanography: <ol style="list-style-type: none"> 1) Lead and contribute to SAWG (Jun, Jan and Urmas) - Promotion of operational oceanography: <ol style="list-style-type: none"> 1) BOOS NEMO and HBM groups form CMEMS BAL; 2) BOOS partners play a major role in using CMEMS products and provision of operational oceanography service in Baltic Sea; - Foster Cooperation: <ol style="list-style-type: none"> 1) BOOS is promoting international cooperation in semi-enclosed seas, e.g., with Med. Sea and Yellow-Bohai Sea 2) Baltic regional cooperation e.g., BOOS-BSHC, BOOS-HELCOM and BOOS-EMODnet will also be promoted - Co-production: <ol style="list-style-type: none"> 1) In addition to national service products, BOOS also provide co-products with added values, e.g., transport forecasts through different sections, multi-model ensemble prediction, real time validation etc. - Sustained Ocean Observations: <ol style="list-style-type: none"> 1) BOOS ftp network is the backbone of CMEMS InSituTAC and EMODnet; 2) BOOS is one of the mostly intensively monitored coastal seas in the world;

	<ul style="list-style-type: none"> 3) BOOS partners has lead a series qualitative and quantitative research projects on harmonizing and optimizing observation networks, e.g., PAPA, ODON, ECOOP, BSCP etc. 4) BOOS continuously transfer cost-effective technologies for real-time monitoring and data delivery, e.g., ferryboxes, gliders, R/Vs and shallow water Argo. 5) BOOS contributes to EMODent data collection and fit-for-purpose assessment.
Successes 2016-2017	<ul style="list-style-type: none"> - New BOOS website was launched - Joint initiatives were identified
Bottle necks / problems	<ul style="list-style-type: none"> - Some members are not so active (eg not presented in Annual meeting or joint activities) - External joint projects are needed to strengthen the BOOS cooperation
Main work plan areas 2017-2018	<ul style="list-style-type: none"> - Quarterly telecon. Jun, BOOS STG - Upgrade and extend BOOS ftp network, Tarmo Kourt - Website maintenance and upgrade, Jan, WebWG - Promote real-time delivery of R/V data, Pia - Multi-Model Ensemble in operational service, Laura - BOOS communication lists (groups, members, etc), Jun - BOOS involvement in EuroGOOS TTs/WGs, Jun - BOOS NEMO cooperation TBD - BOOS PDAF cooperation Jun - BOOS HBM cooperation Frank, Jun - BOOS Modelling Program Pia - Observation network harmonisation (information and knowledge sharing) Jun, Miroslaw (TBD) - BOOS Downstream applications TBD - BOOS Observation Program TBD - Promote bilateral or multi-lateral cooperation
Meetings 2016	<p>BOOS Annual meeting 2016, Sopot</p> <p>BOOS Annual meeting 2017, Copenhagen</p> <p>BOOS STG meeting 2016/2017</p>
Next meetings planned	<p>BOOS Annual meeting May 2018, Helsinki or Hamburg (TBD)</p>
Links / synergies with other initiatives	<ul style="list-style-type: none"> - BOOS-BSHC working group on Chart Datum, Thomas - BOOS-HELCOM cooperation TBD - BOOS-CMEMS cooperation Vibeke, Jun - BOOS-EMODnet cooperation Jun, SMHI

Full TT Title	EuroGOOS Mediterranean Oceanography Network for the Global Ocean Observing System
Established	2012
Chair/co-Chairs	Enrique Alvarez Fanjul and Giovanni Coppini
Current members	38 partners (see list below)
Main contact person	'Enrique Alvarez Fanjul' enrique@puertos.es Giovanni Coppini giovanni.coppini@cmcc.it
Webpage	www.mongoos.eu
Objective	<p>The Mediterranean Operational Network for the Global Ocean Observing System ("MONGOOS") Memorandum of Agreement (MoA) was established in 2012 with the signature of the MONGOOS MoA. MONGOOS is joining the effort of MOON and MEDGOOS networks and respective Memorandum of Understanding (MOU). The purpose of the MONGOOS MOA is for the Members to: (a) collaborate to further develop operational oceanography in the Mediterranean Sea by integrating their activities under the name of MONGOOS; (b) supplant the MOON and MedGOOS MoUs, building on and integrating their core mandates; (c) promote partnerships and capacity building for GOOS in the Mediterranean Sea; and (d) elaborate a continuous working framework with EuroGOOS and GOOS Africa in order to define common roles and activities in the Mediterranean Sea, and foster collaboration with Black Sea GOOS and global ocean GOOS initiatives.</p> <p>Principal objectives.</p> <p>MONGOOS shall engage in activities related to the production and use of operational oceanography services ("Services"), as set forth in Annex II of the MOU (Activities), in furtherance of four principal objectives: (a) Improved Fitness for Purpose. Continuously advance the scientific understanding and technological development upon which the Services are based. (b) Greater Awareness. Promote the visibility and recognition of the Services with governmental agencies and private companies, encourage their integration at national, regional, European and global levels. (c) Increased Downstreaming. Enhance the usability of the Services and their usefulness for policy implementation, societal needs and science. (d) Improved Capacity. Support the planning and implementation of international initiatives involving operational oceanography and promote the participation of non-EU Mediterranean countries in producing the Services.</p>
Relevance to EuroGOOS Strategy	MONGOOS represent the EUROGOOS Roos in the Mediterranean Sea and collaborate to the consolidation and further expansion of operational oceanography in the Mediterranean Sea.
Successes 2016-2017	<ol style="list-style-type: none"> 1) Updates on the web site: New section describing Med-Sea CMEMS; update HF radar and glider info. 2) Successful activities of the modelling working group including a MONGOOS workshop on advanced modelling (Spit, Croatia Nov 2016) 3) MESCAT project consolidated

Bottle necks / problems	Some relevant project proposals were unsuccessful; still to be consolidated the engagement of African partners
Main work plan areas 2017-2018	<ol style="list-style-type: none"> 1) Management activities (e.g. Update of the website; Update of the MONGOOS modelling and observations database and website information). 2) Strategic activities: <ol style="list-style-type: none"> 1. Finalise the MONGOOS Science and Strategy plan 2. Submission of MEDESS-PLUS proposal on oil spill forecasting service 3. Activation of the MONGOOS products working group 4. Enlargement of MONGOOS partnership in African countries, be active in the collaboration with Africa-GOOS and the work with the MONGOOS WG on fostering connection with African countries 5. Consolidation of the relationship with EUROGOOS, AFRICA GOOS, Black Sea GOOS 6. Consolidate the position of MONGOOS within GOOS framework 7. Progress in the engagement of the MONGOOS partners in providing in situ and remote sensing observation and modelling products for the MONGOSS portal and for the CMEMS and EMODNET activities. 8. Re-activate the MONGOOS data exchange agreement. 9. Prepare the publication of the results of the Modelling Workshop organized in Split on 15th November 2016 10. Consolidate the uptake of CMEMS services in the Mediterranean area 11. Consolidate the relationship with JCOMM, IOC and WMO 12. Possible participation of MONGOOS to the Mexico 2017 Global Platform for Disaster Risk Reduction #MexicoGP2017 #switch2Sendai 13. Enlarge and consolidate the REMPEC-MONGOOS agreement 14. Consolidate the participation of JCOMM Expert teams (Candidatures in spring 2017) 15. Participation to GODAE 16. Organization of the meeting WMO&CMEMS 17. Contribution to the organization of the EGU sessions on: "Marine Pollution Assessment, Prediction and Risk Mapping"; "The Copernicus Marine Environment Monitoring Service" and "Ocean Science Literacy" 18. Further develop the MESCAT project (Mediterranean Sea-level Change And Tsunamis) adopted as a GOOS Project 19. Support the MEDOS project for new funding 20. Submission of Interreg and H2020 proposals
Meetings 2016	5th MONGOOS meeting November 15-17 2016. Split, Croatia
Next meetings planned	17-19 October 2017
Links / synergies with other initiatives	Strong synergies are in place with GODAE, JCOMM, WMO; CMEMS and EMODNET

Partners in 2016

1. AMGI - Andrija Mohorovičić Geophysical Institute, University of Zagreb
2. ARPAE - Agenzia regionale per la protezione ambientale, Emilia-Romagna (IT)
3. ARSO - Slovenian Environment Agency
4. CMCC - Centro Euro-Mediterraneo sui Cambiamenti Climatici
5. CNR-IAMC - Istituto per l'Ambiente Marino Costiero
6. CNR-ISAC - Istituto di Scienze dell'Atmosfera e del Clima
7. CNR-ISMAR - Istituto di Scienze Marine
8. CNR-ISSIA - Istituto di Studi sui Sistemi Intelligenti per l'Automazione
9. CSIC - Consejo Superior de Investigaciones Cientificas
10. DHI - DHI - Associated Partner
11. 10. DHMZ - Croatian Meteorological and Hydrological Service
12. ENEA - Italian National Agency for new Technologies, Energy and Sustainable Economic Development
13. ETT Solutions (IT) – Associated partner
14. HCMR - Hellenic Centre for Marine Research
15. IEO - Instituto Español de Oceanografía
16. Ifremer - Institut Français de Recherche pour l'Exploitation de la Mer
17. IMB - Institute of Marine Biology, University of Montenegro
18. IMS/METU - Middle East Technical University Institute of Marine Sciences
19. INGV - Istituto Nazionale di Geofisica e Vulcanologia
20. INRH - Institut National de Recherche Halieutique
21. IOF - Institute of Oceanography and Fisheries
22. IOLR - Israel Oceanographic and Limnological Research, National Institute of Oceanography
23. ISPRA - Institute for Environmental Protection and Research
24. LIM/UPC - Laboratorio de Ingeniería Marítima/Universidad Politécnica de Cataluña
25. Mercator Ocean - Mercator Océan
26. Météo-France - Météo-France
27. NIB - National Institute of Biology Marine Biology Station
28. NIOF - National Institute of Oceanography and Fisheries
29. OC-UCY - Oceanography Centre University of Cyprus
30. OGS - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale
31. PdE - Puertos del Estado
32. RBI - Rudjer Boskovic Institute
33. SOCIB - Balearic Islands Coastal Observing and Forecasting System
34. UMT-IOI-POU - University of Malta / The International Ocean Institute, Malta Operational Centre / Physical Oceanography Unit
35. UNIBO - Alma Mater Studiorum Università di Bologna

36. University of Mohamed V - University Mohamed V-Agdal
37. University of Thessloniki - Aristotle University of Thessaloniki
38. UoA/IASA - University of Athens/ Institute of Accelerating Systems and Applications