Monday, May 22, 2023

Status Report to the EuroGOOS General Assembly

Reporting period: May 2022-April 2023

EuroGOOS body: ROOS

Full title: Arctic ROOS

Co-Chair 1 (Name and affiliation) Anna Nikolopoulos, Norwegian Polar Institute

Email Anna.Nikolopoulos@npolar.no

Co-Chair 2 (Name and affiliation) Vidar Lien, Institute of Marine Research (IMR)

Email vidar.lien@hi.no

Current members, affiliation and country

Steffen Olsen, Danish Meteorological Institute (DMI), Denmark
Johan Söderkvist, Defence Centre for Operational Oceanography (FCOO), Denmark
Jari Haapala, Finnish Meteorological Institute (FMI), Finland
Gilles Garric, Mercator Ocean, France
Fanny Ardhuin, Ifremer, France
Alfred-Wegener-Institut für Polar und Meeresforschung (AWI), Germany
Gunnar Spreen, University of Bremen (IUP), Germany
Sólveig Rósa Ólafsdóttir, Marine and Freshwater Research Institute (MFRI), Iceland
Manuel Bensi, National Institute of Oceanography and Experimental Geophysics (OGS), Italy
Nick Roden, Norwegian Institute for Water Research (NIVA), Norway
Frank Nilsen, The University Centre in Svalbard (UNIS), Norway
Iler Fer, University of Bergen- Geophysical Institute (UiB), Norway
Henning Wehde, Institute of Marine Research (IMR), Norway
Alfatih Ali, Norwegian Meteorological Institute (MET Norway), Norway
Fore Furevik, Nansen Environmental and Remote Sensing Center (NERSC), Norway
Agnieszka Beszczynaka-Möller, IOPAN, Poland
Patrick Gorringe, Swedish Meteorological and Hydrological Institute (SMHI), Sweden
Finlo Cottier, The Scottish Association for Marine Science (SAMS), United Kingdom

Website https://arctic.eurogoos.eu

Objectives:

The Arctic ROOS mission is to integrate European oceanographic and sea ice monitoring and forecasting activities in the Arctic.
The goals of the Arctic ROOS are as follows:
Integrate European oceanographic and sea ice monitoring activities in the Arctic;
Foster development of automatic real-time observations;
Promote and facilitate dissemination of data via the FAIR principles;
Enhance the development of open source community oceanographic, wave and sea-ice models;
Develop European capacity for ocean and sea-ice monitoring.
The scope of cooperation activities extends to areas of operational oceanography such as data and product management, research, product development, service provision as well as education and training.

Relevance to the EuroGOOS Strategy:

Through its objectives, the Arctic ROOS works along all of the five EuroGOOS 2030 Strategic Objectives

towards strengthened coordination and collaboration, improved practices, increased public engagement and improved sustainability within ocean observing activities in the Arctic Ocean.

Key achievements in the reporting period (May 2022-April 2023):

Online workshop 'Opportunities and challenges for in situ ocean observing in the Arctic', November 2022

Convening of roundtable discussion on an Arctic GRA at Arctic Science Summit Week (ASSW), February 2023

Leading work to establish an international Task Team towards the development of an Arctic GRA

Successful General Assembly, hosted by DMI, Copenhagen, May 2023

Main priority areas (2023-2024):

Process to develop an Arctic GRA through the international Task Team to Advance the Development of an Arctic GRA

Contributions to the OceanPrediction DCC and particularly to the Arctic Regional Team

Other major activities (2023-2024):

An online workshop will be organised in autumn 2023. Tentative topic: remote sensing and/or sea ice modelling. Proposed to be jointly organised with the OceanPrediction DCC Arctic Regional Team.

A topical Arctic ROOS session at the Arctic Science Summit Week (ASSW)/ Arctic Observing Summit (AOS) 2024 will be proposed.

Meetings during the reporting period (May 2022-April 2023):

Steering Group meetings: August 2022, September 2022, October 2022, November 2022, January 2023, March 2023, April 2023

General Assembly: May 2023

Next planned meetings (2023-2024):

Steering Group meeting: September 2023 (SG meetings every 1-2 months)

Links and synergies with other EuroGOOS ROOS/Working Groups/Task Teams:

The ArcticROOS co-chairs participate in the Science Advisory Working Group (SAWG).

ArcticROOS are also representatives from the FerryBox, Gliders, Argo and Fixed platforms TT communities

Links and synergies with non-EuroGOOS initiatives:

Steering Group and other ROOS members prominent participants in the international Task Team to Advance the Development of an Arctic GRA

OceanPrediction DCC Arctic Regional Team Chair permanent invitee to Steering Group meetings.

Overlapping membership and collaboration with Arctic PASSION and the Atlantic Arctic Distributed Biological Observatory (DBO)

Tuesday, May 9, 2023

Status Report to the EuroGOOS General Assembly

Reporting period: May 2022-April 2023

EuroGOOS body: ROOS

Full title: NOOS - the North West European Continental Shelf Operational Oceanographic System

Co-Chair 1 (Name and affiliation) Sébastien Legrand, RBINS

Email sebastien.legrand@naturalsciences.be

Current members, affiliation and country

Belgium
Agency for Maritime and Coastal Services (MDK), Coastal Division
Royal Belgian Institute of Natural Sciences (RBINS), OD NATURE
Denmark
Danish Meteorological Institute (DMI)
Defence Centre for Operational Oceanography (FCOO)
France
Ifremer
SHOM
METEO FRANCE
ACRI
Germany
Federal Maritime and Hydrographic Agency (BSH)
Hereon - former HZG
University of Oldenburg
Ireland
Marine Institute (MI)
Netherlands
Deltares
Royal Netherlands Meteorological Institute (KNMI)
Rijkswaterstaat
Norway
Institute of Marine Research (IMR)
Norwegian Meteorological Institute (MET Norway)
Nansen Environmental and Remote Sensing Center (NERSC)
NIVA
Sweden
Swedish Meteorological and Hydrological Institute (SMHI)
United Kingdom
Centre for Environment, Fisheries and Aquaculture Science (Cefas)
Natural Environment Research Council (NERC) / National Oceanography Centre (NOC)
UK Met Office
Plymouth Marine Laboratory (PML)

Potential new members: NORCE resreach centre (Norway), Met Éireann (Ireland)

Website http://noos.eurogoos.eu/

Objectives:

- develop and implement on-line operational marine data and information services.

- give a reliable description of the actual marine condition of the European North West Shelf (NWS) area, including physical, sedimentological, and ecosystem variables.
- provide analysis, forecasts, and model-based products describing the marine conditions.
- establish a marine database from which time series and statistical analyses can be obtained, including trends and changes in the marine environment, and the economic, environmental, and social impacts.
- collaborate with national and multinational agencies in the NWS area to maximise the efficiency of the ocean observing system, and to optimize the value of the marine information products.

Relevance to the EuroGOOS Strategy:

NOOS is currently developing its own strategy from inputs provided by NOOS members delegates in a dedicated session (world café) during the NOOS annual meeting 2022.

This strategy aims at clarifying which are NOOS objectives and how they are aligned with EuroGOOS strategy, as a sub-set of EuroGOOS objectives.

The NOOS strategy is not final yet and has not approved by the NOOS members.

NOOS vision : Sustain ocean observing systems and operational oceanography services that benefit the European society

NOOS mission : TO cooperate in the development and implementation of sustained and coordinated operational oceanography across the North West European Shelf region.

NOOS objectives:
1. Cooperate as NOOS community of experts
2. Improve operational oceanographic data and information services
3. Build together NOOS community products and services
4. Support European partners and networks

The 4 NOOS objectives correspond to the following EuroGOOs objectives:

SO1 : Stimulate communities of practice
- Strengthening and integrating EuroGOOS ROOSes, TTs and WGs
- Exchanging best practices in operational oceanography

SO2 : Advocate for coordinated and integrated European ocean observing and operational oceanography
- Contributing to EOOS

SO3 : Strenghten and expand partnerships
- Support the development of an earth system approach
- enhance near real time delivery of data to users
- stimulate knowledge transfer
- develop partnerships with networks engaged in ocean health and climate observation and forecasting
- co-produce oceanographic services and information
- contribute to pan-European partnerships
- investigating possibilities to contribute to joint efforts with global programs

SO4 : Promote sustainability across the value chain of operational oceanography and ocean observing

Key achievements in the reporting period (May 2022-April 2023):

- Continuous operation of NOOS community products and services
- Rebirth of the NOOS working group on modelling.
- Organisation of a succesfull in-person annual meeting at Rotterdam
- Significant progress on the NOOS strategy and MoU. Both document to be ready by summer break 2023.

Bottlenecks or obstacles during the reporting period (May 2022-April 2023):

- Lack of funding
- Misunderstanding on the Momerandum of understanding between EuroGOOS and Mercator Ocean International
- Lack of dialog with CMEMS on the post 2024 scenario for CMEMS NWS-MFC.

Main priority areas (2023-2024):

- Keeping NOOS Working Groups active
- Finalising the NOOS MoU and NOOS strategy
- Reenforcing link with NOOS ambassaders and therefore links with EuroGOOS TTs & WGs
- Securing a strong CMEMS NWS-MFC after 2024 that operated by NOOS members

Other major activities (2023-2024):

The NOOS work plan for 2023-2024 will be defined at the NOOS annual meeting 2023...

Meetings during the reporting period (May 2022-April 2023):

- 20/04/2022 : NOOS ambassadors meetings
- 14-16/09/2022 : NOOS annual meeting at Rotterdam, NL
-17/01/2023 and 02/05/2023 : Kick-off meetings of the new NOOS modelling WG.
- Every second Tuesday of the month : NOOS SC meetings

+ Participation to various EuroGOOS and EOOS meetings

NB: NOOS members had the opportunity to meet in other project-related events.

Next planned meetings (2023-2024):

- 12-14/09/2023 : NOOS Annual Meeting, (met.no, Bergen, NO)
- monthly Steering Committee meeting
- All NOOS WGs are asked to organise at least a virtual meeting with all their participants

Links and synergies with other EuroGOOS ROOS/Working Groups/Task Teams:

-NOOS ambassadors appointed for dataMEQ, SAWG, Coastal WG, TP-WG, TG-TT, FB-TT, HFR-TT, Glider-TT
-NOOS ambasssadors candidates identified for Biological obs-WG, FP-TT and Argo-TT

Links and synergies with non-EuroGOOS initiatives:

- NOOS-Drift identified as a service of interest by the EMSA correspondance expert group for Drift.
- JERICO
- EOOS
- CMEMS INS-TAC, CMEMS NWS-MFC, EMODNET-physics

We deplore that NOOS has no formal links with UN Ocean decade initiatives.

Thursday, May 11, 2023

Status Report to the EuroGOOS General Assembly

Reporting period: May 2022-April 2023

EuroGOOS body:	ROOS
Full title:	Mediterranean Oceanographic Network for Ocean Observing System - OGS
Co-Chair 1 (Name and affiliation)	Vanessa Cardin - OGS
Email	vcardin@ogs.it
Co-Chair 2 (Name and affiliation)	Karim Hilmi
Email	karimhilmi15@gmail.com

Current members, affiliation and country

Members of MonGOOS are 34 from 12 countries:
Andrea Valentini, Arpa Emilia-Romagna, Italy
Francisco Campuzano, +Atlantic CoLAB, Portugal
Maja Jeromel,ARSO, Slovenia
Yannis N. Krestenitis, Aristotle University Thessaloniki - AUTH, Greece
Emanuela Clementi , Centro euro-Mediterraneo sui Cambiamenti Climatici - CMCC, Italy
Laurent Coppola, Centre National de la Recherche Scientifique - CNRS, France
Yuri Cotroneo, CONISMA, Italy
Dijana Klaric, DHMZ, Croatia
Georgios Sylaios, DUTH, Greece
Ernesto Napolitano, ENEA, Italy
Antonio Novellino, ETT Solutions, Italy
Niko Kampanis & Katerina Spanoudaki, FORTH-IACM, Greece
Leonidas Perivoliotis, Helenic Center for Marine Research - HCMR, Greece
Rosa Balbin, IEO - CSIC, Spain
Pierre GARREAU, Institut Francais de Recherche pour l'Exploitation de la Mer - IFREMER, France
Claudia Fratianni, Istituto Nazione di Vulcanologia e Geofisica - INGV, Italy
Hrvoje Mihanovic, Institute of Oceanography and Fisheries - IOF, Croatia
Ron Goldman & Barak Herut, Israel Oceanographic & Limnological Research - IOLR, Israel
Ivica Vilibic, Institute Ruder Boškovic,́Croatia
Georg Umgiesser, Istituto Di Scienze Marine - ISMAR - CNR, Italy
Sara Morucci, Istituto Superiore per la Protezione e la Ricerca - ISPRA, Italy
Alberto Ribotti, Istituto per lo studio degli impatti Antropici e Sostenibilità in ambiente marino – CNR - IAS, Italy
Carlo Brandini, LAMMA Consortium, Italy
Danijela Joksimovic, Institute of Marine Biology, Montenegro
Enrique Alvarez, MERCATOR International
Vlado Malačič, National Institute of Biology – NIB, Slovenia
Vanessa Cardin, Istituto Nazionale di Oceanografia e di Geofisica Sperimentale – OGS, Italy
Enrique Alvarez, MERCATOR, France
George Zodiatis, ORION, Cyprus
Susana Perez & Begonia Perez, Puertos del Estado – PdE, Spain
Franck Dumas, SHOM – French Naval Hydrographic and Oceanographic Service, France
Joaquin Tintoré & Emma Reyes, SOCIB - Balearic Islands Coastal Observing and Forecasting System, Spain
Marco Zavatarelli, Università di Bologna - UNIBO, Italy

Agustin Sanchez Arcilla, Universitat Politècnica de Catalunya - UPC, Spain
Hinde Cherkaoui Dekkaki, Université Abdelmalek Essaadi, Tetouan - UAE, Morocco
Adam Gauci, University of Malta, Malta

Website mongoos.eu

Objectives:

MONGOOS shall engage in activities related to the production and use of operational oceanography services in furtherance of four principal objectives:

Improved Fitness for Purpose. Continuously advance the scientific understanding and technological development upon which the Services are based.
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.
Increased Downstreaming. Enhance the usability of the Services and their usefulness for policy implementation, societal needs and science.
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.
A detailed description of MONGOOS objectives and activities can be found on the MoA
MonGOOS will 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.

Relevance to the EuroGOOS Strategy:

MonGOOS represents the ROOS of EuroGOOS in the Mediterranean Sea by collaborating in the consolidation and further development of operational oceanography in the Mediterranean Sea and in the link between Europe and African countries.

Key achievements in the reporting period (May 2022-April 2023):

- Close collaboration with EuroGOOS after 1 year of work the website is now updated, improved website with updated member information,
- New link to Repeated Mediterranean Cruises
- Modeling database update (in progress), link to Ocean Prediction DCC
- Increased visibility in the Mediterranean community
- Progress in engaging partners in providing in situ and remote sensing data and modeling products
- Participated in the kick-off event for the SCINMEET Ocean Deacad program for the Mediterranean region
- Participation in a workshop on collaboration between GMES and Africa GOOS
- Participation in the integration workshop organized by EuroGOOS
- Mongoos Workshop and General Assembly in Florence on the theme" THE IMPORTANCE OF SCALES AND UNCERTAINTIES IN OCEAN TRANSPORT: PHYSICAL AND BIOGEOCHEMICAL INTERACTIONS IN THE MEDITERRANEAN SEA". Participation of 12 countries with 43 presentations
- New Observation WG leader - Orens De Fommervault
- New Modelling WG leader - Emanuela -Clementi (CMCC), Franck Dumas (SHOM)
- New Application WG leader - Katerina Spanoudaki (FORTH)
- EGU Session: "Advances in understanding of the multiscale disciplinary dynamics of the Southern European Seas (Mediterranean and Black Sea)". Vienna 23-28 April

- Ocean Predict DCC
- ToR between MERCATOR /DCC and MonGOOS
- Contribution to the preparation of ATLAS together with MERCATOR
- Preparation of the first regional team meeting in the framework of the Ocean Predict DCC
- Contribution to the Update on GRA – Societal Benefits of GOOS Regional Alliances, Challenges and Opportunites

Bottlenecks or obstacles during the reporting period (May 2022-April 2023):

- Boost participation of sleeping partners, more people contribution is needed
- Communication between partners should increase
- MonGOOS Ambassadors activity at EuroGOOS

Main priority areas (2023-2024):

- Further advances in scientific understanding
- Promoting visibility and recognition of services
- Improving the usability of data
- Update information on forecast models within MonGOOS (website) following the results of ATLAS (IT web-tool developed by MERCATOR)
- Start building future participation in the Regional Focal Point for the Mediterranean and Black Seas
- Other major activities (2023-2024):
- Prepare a collaborative paper describing the MonGOOS (Mediterranean) modeling capacities

Other major activities (2023-2024):

Preparation of a joint paper describing the modeling capabilities of MonGOOS (Mediterranean)

Meetings during the reporting period (May 2022-April 2023):

- EGU Conference, 24 -28 April 2023
- EuroGOOS TT meeting 4-5 April 2023
- GRA Council Meeting 14 February 2023
- Chair session of the Mediterranean at the DCC launch event, 11 - 12 January 2023
- MonGOOS Workshop and GA, Florence, 22 - 24 November 2022
- GRA Council on Observing Together, 21 November 2022
- GRA Council Meeting, 6 July 2022
- SHAREMED Project Expert Meeting, 1 June 2022
- EuroGOOS GA, 24 - 25 May, 2022
- MonGOOS Extraordinary Assembly, 18 May, 2022
- EuroGOOS Integration Workshop, 3 -4 May 2022

Next planned meetings (2023-2024):

June 2023 - First Regional Team Meeting in the framework of the DCC
November 14 - 16, 2023 - GA and Workshop

Links and synergies with other EuroGOOS ROOS/Working Groups/Task Teams:

Participation to Science Working Group

Links and synergies with non-EuroGOOS initiatives:

EuroSea EU project
Sharemed Interreg project
Ocean Predict DCC

Monday, May 8, 2023

Status Report to the EuroGOOS General Assembly

Reporting period: May 2022-April 2023

EuroGOOS body: ROOS

Full title: Baltic Sea Operational Oceanographic System

Co-Chair 1 (Name and affiliation) Jun She

Email js@dmi.dk

Current members, affiliation and country

Marie Maar, AU, Denmark
Thorger Brüning, BSH, Germany
Jun She, DMI, Denmark
Antti Westerlund, FMI Finland
Johan Söderkvist, JGEOMETOC, Denmark
Joanna Staneva, Hereon, Germany
Tamara Zalewska, IMGW, Poland
Jaromir Jakacki, IOPAN, Poland
Michael Neumann, IOW, Germany
Jovita Mėžinė, KU, Lithuania
Donatas Bagočius, EPA, Lithuania
Viesturs Zandersons, LVGMC, Latvia
Thomas Hammarklint, SMA, Sweden
Patrick Gorringe, SMHI, Sweden
Seppälä Jukka, SYKE, Finland
Taavi Liblik, TalTech, Estonia
Jordan Badur, UG, Poland
Uldis Bethers, UL, Latvia
Tiit Kutser, EMI, Estonia

Website http://www.boos.org

Objectives:

The objectives of BOOS are to:

1. Improve the safety and efficiency of maritime transport and marine operations.
2. Enable the sustainable exploitation and management of Baltic Sea resources (fisheries).
3. Support safe and efficient offshore energy activities.
4. Mitigate the effects of environmental hazards and pollution crisis.
5. Contribute to ocean climate variability studies and seasonal climate prediction.

Relevance to the EuroGOOS Strategy:

In the future years, BOOS members will continuously improve the quality and enlarge the scope of operational oceanographic service, ranging from operational monitoring and forecast service for the parblic safety and efficient sea-going operations, to operational marine services for climate change adaptation and ocean health services for a healthy and climate-resilient Blatic ecosystem. This is in consistency with EuroGOOS Strategy 2030.

Key achievements in the reporting period (May 2022-April 2023):

1. CMEMS cooperation (DMI-SMHI-BSH-FMI-Taltech): Sea ice/SST/T/S DA, carbon cycle have been

made operational, improved NEMO-ERGOM-WAM coupling, a 1nm resolution reanalysis is completed.
2. Public-private partnership: NRT VOTO glider observations are available for EuroSea interim analysis (DMI). VOTO joined OLAMUR with BOOS partners, will work on joint monitoring in Danish KF OWF (With AUV and sail buoy).
3. Marine plastic cooperation (DMI-Taltech-BSH-HZG-SYKE-RSHU-IMGW): A WG meeting was organized, 5 joint papers were published. Automatic MP sampler was developed, tested and optimized by TalTech. DMI is working on resuspension and sediment modules for MP in HBM model.
4. Coastal-Estuarial modelling: A WG meeting were organized. There are a significant number of coastal-estuarial modelling activities, in BSH, HEREON, DMI, AU, SMHI, IOPAN, UL etc. HBM open source code has been ade and tested. DMI joined UNDOS DCC KO with video and mannual for DK forecasting systems. The joint development on using NEMO-Nordic has lead to notable progresses.
5. Data assimilation (DMI-BSH-SMHI-.TalTech-HEREON..): Coupled DA interface PDAF-OMI has been adopted; T/S DA has been made operational for both TalTech and BALMFC forecast system. Sea ice DA has been developed, tested and made operational for BALMFC forecast system. AWI worked on dynamic ensemble DA with NEMO-ERGOM-PDAF. AWAI-BSH-SMHI worked on BGC DA; TalTech and SMHI worked on sea level DA.
6. National marine climate change adaptation projects are running in several countries, e.g., Denmark, Germany
7. Multi-model ensemble: DMI developed a MME forecasting system by aggregating CMEMS forecasts, national forecasts and satellite observations, providing operational pan-EU Sea metocean forecast for FRONTEX.
8. River data WG: new river data from Sweden, Poland, Germany, Denmark have been integrated into EMODnet database.
9. On-demand modelling: DMI is working on developing general tool and database (37m resolution) for Baltic-North Sea on-demand modelling, using a QGIS-based GUI and two-way nested HBM. HEREON is working on a SCHISM-based solution for on-demand modelling.
10. Argo&glider WG: A data quality control workshop was organized. New cooepration was identified and initiated.
11. UNDOS: FMI and other BOOS partners are hosting BSSC conference in August 2023, with addressing a Baltic Sea for UNDOS.
11. New projects: BOOS and NOOS partners have initiated and won a joint Baltic-Noprth Sea Lighthouse proposal OLAMUR, on developing colocated low-impact aquaculture; BOOS partners DMI and HEREON are part of DTO model development project EDITO_Model_Lab.
12. New proposals: HEREON has led a EU proposal on CMEMS Coastal Service.
13. BOOS website: agree to be consistent with EuroGOOS-ROOS web organization.
14. NRT ship data delivery: some progresses have been made together with COINS project.

Bottlenecks or obstacles during the reporting period (May 2022-April 2023):

The active level of BOOS ambassadors has been rather low. Plan on BOOS website has been delayed. National UNDOS activities have not been coordinated.

Main priority areas (2023-2024):

- new BOOS website
- NRT ship data delivery
- Active interaction with EuroGOOS WGs and TTs via BOOS ambassadors
- Identify a Baltic Sea coastal model system inventory, including model features, forecasting capacity features
- be active in UNDOS initiatives, eg DCC N. Atlantic and Coastal Resilience projects

Meetings during the reporting period (May 2022-April 2023):

BOOS weekly WG meetings: PDAF DA WG, BALMFC NEMO and Cal/Val
BOOS STG meeting, 21 September 2022
BOOS STG meeting, 14 October 2022
BOOS Marine plastic WG meeting, 2 Dec. 2022
BOOS Coastal modelling WG meeting, 8 Dec. 2022
BOOS annual meeting 2022, 14 Dec. 2022
BOOS STG meeting, 13 Jan. 2023
BOOS STG meeting, 10 Feb. 2023
BOOS STG meeting, 14 April 2023
Marginal Sea Argo DMQC Workshop, 18-19 April 2023
BOOS WG cooperation meeting, 9 May 2023

BOOS scientific workshop, 10 May 2023
BOOS annual meeting 2023, 11 May 2023

Next planned meetings (2023-2024):

BOOS WG working meetings (Weekly, monthly, yearly)
BOOS STG meetings, monthly
BOOS scientific workshop 2024, May 2024.
BOOS Annual meeting 2024, May 2024

Links and synergies with other EuroGOOS ROOS/Working Groups/Task Teams:

To work together : NOOS, EuroGOOS Coastal WG

Links and synergies with non-EuroGOOS initiatives:

BOOS-CMEMS, BOOS-EMODnet on River data, BOOS-VOTO public-private partnership, BOOS-DCC

Monday, May 29, 2023

Status Report to the EuroGOOS General Assembly

Reporting period: May 2022-April 2023

EuroGOOS body: ROOS

Full title: IBIROOS-EuroGOOS Iberia-Biscay-Ireland Operational Oceanographic System

Co-Chair 1 (Name and affiliation) Manuel Ruiz Villarreal, IEO-CSIC

Email manuel.ruiz@ieo.csic.es

Co-Chair 2 (Name and affiliation) Julien Mader, AZTI

Email jmader@azti.es

Current members, affiliation and country

17 members, 5 countries (Portugal, Spain, France, Ireland, UK)

Website https://ibiroos.eurogoos.eu/

Objectives:

The goal of IBIROOS is to set up an operational oceanography organisation operated by participating partners from the 5 countries bordering the Iberian-Biscay-Irish maritime area (France, Ireland, Portugal, Spain and UK), collaborating to develop and implement ocean observing systems for the IBIROOS area, with delivery of real time operational data products and services.

Relevance to the EuroGOOS Strategy:

IBIROOS showcases the impact of regional cooperation in maintenance and development of sustained observing systems and operational products in the European Atlantic Area, including archipelagos in the Macaronesia

Key achievements in the reporting period (May 2022-April 2023):

High level of member cooperation. IBIROOS activity focused on products: some of them consolidated or classical (HABs, oil spill, chemicals, search and rescue...), some of them emergent (marine litter, renewable energies, offshore aquaculture, marine spatial planning, support to MFSD implementation in offshore areas)
Participation in several INTERREG projects for regional cooperation in development and demonstration of marine services and enhancement of coastal observing systems and modelling systems. Some of the INTERREG projects have received extra funding until 2023 in a capitalisation call.

Bottlenecks or obstacles during the reporting period (May 2022-April 2023):

Strong focus on the capitalisation of results of several projects ending in 2023. This has delayed the update of the webpage and the update of the MoU.

Main priority areas (2023-2024):

- New MoU (update, aligned with new EuroGOOS status, steering committee...)
- IBIROOS web site
- In 2023 a lot of projects are ending, and the next actions will be built on the previous results to capitalise the future initiatives.
- to keep IBIROOS as a central actor in different European initiatives where the regional focus is needed,

respond to different calls in a coordinated way as a community, and create synergies and collaborations at the cross-boundary and regional levels, complementary to national level.

Other major activities (2023-2024):

- increase interaction with GOOS through National Focal Points
- operational ecology, marine services for ecosystem applications

Meetings during the reporting period (May 2022-April 2023):

29 Nov-1 Dec 2022, Santiago de Compostela, IBIROOS Annual meeting together with MyCOAST Interreg Atlantic Area project.

Next planned meetings (2023-2024):

- 14-16 June 2023, Lisbon, IBIROOS Annual meeting together with MyCOAST meeting
- Spring 2024: IBIROOS Annual meeting

Links and synergies with other EuroGOOS ROOS/Working Groups/Task Teams:

Members active in EOOS and WGs and Tts. Need to define a way to report activity of TT and WG to IBIROOS (ambassadors? Other method?...)
EOOS is expected as a framework for sharing strategies, gap analysis, etc with other ROOSes, in order to support the development of the observing systems in the IBIROOS region through regional cooperation. We expect interaction with GOOS National Focal Points
The IBIROOS webpage has been adapted to EuroGOOS template and the content is being redefined following EuroGOOS webpage structure

Links and synergies with non-EuroGOOS initiatives:

Interreg Atlantic Area projects (Mycoast, PRIMROSE, iFADO, CleanAtlantic). Extra funding in 2022-2023 for capitalisation activities
Interreg transnational cooperation projects (Spain-Portugal, Spain-France, UK-Ireland, France-UK...)
Participation in Research Infraestructures