

Agenda Item 9: Reports from Working Groups

Document 9.1: Chair's reports

Full TT Title	EuroGOOS Data Management, Exchange and Quality Working Group
Established	In 2005 revised Terms of reference in 2008
Chair/co-Chairs	Sylvie Pouliquen
Current members	<p>Revised Member list in 2013 Representatives of all the ROOS , some Task Teams and the Major Data Management Initiatives and Projects in Europe related to EuroGOOS activities</p> <p><i>BOOS and NOOS representatives</i> : BSH/Susanne Tamm/BSH , SMHI/Thomas Hammarklint, UKMET/Matthew Martin, Fiona Carse, CEFAS/Kate Collingridge <i>IBI-Roos representatives</i>: Puertos Del Estado/Marta de Alfonso, AZTI /Julien Mader <i>MOON representatives</i>: Enea/Giuseppe Manzella , HCMR/Leonidas Perivoliotis <i>Artic representatives</i>: IMR/Helge Sagen , Sjur Ringheim Lid, Henning Wehde <i>Black Sea representative</i>: IOBAS /Veselka Marinova Argo/Gosud/OceanSITES/CMEMS-INSTAC: IFREMER/ Thierry Carval SeaDataNet : MARIS/Dick Schaap-Peter Thijsse EMODnet-Physics: ETT/Antonio Novellino Interoperability Tools: IFREMER/Thomas Loubrieu Ferrybox TT: HZG/Wilhelm Petersen/Gisbert Breitbach Gliders TT: CNRS/P Testor/ V Turpin ICES/Neil Holdsworth/Hjalte Parner RTQC-BIO (CMEMS-INSTAC- JERICO-Next): NIVA/Kai Sorensen HF Radar TT: AZTI/Julien Mader</p>
Main contact person	Sylvie Pouliquen – Patrick Gorringe
Webpage	http://eurogoos.eu/data-management-exchange-quality-working-group-data-meq/
Objective	<p>According to its terms of reference, DATAMEQ WG works to:</p> <ul style="list-style-type: none"> • Develop an overall concept for the management of EuroGOOS observation data taking into consideration existing data management systems; • Identify observations required for either in real-time or in delayed mode data; • Propose the most effective ways to make observation data readily available for operational purposes; • Propose mechanisms to ease access to delayed mode observation data in cooperation with National Oceanographic Data Centres (NODCs), keeping aware of the progress in SeaDataNet;

- Draft a minimum set of standards for data quality control which is related to observation data collection, processing and exchange procedures.

Relevance to EuroGOOS Strategy	Related to the CO-Production objectives
Successes 2016-2017	<p>Joint collaboration between CMESM/SDN/Emodnet-partners have facilitated unlocking access to in situ data in some EUROGOOS ROOS</p> <p>Principles recommended by DATAMEQ have been endorsed in projects that have started in 2015 such as CMEMS-INSTAC, AtlantOS and allowed to tackle new communities and link the Physical to biology communities within AtlantOS and JERICO-NEXT projects and with other Environmental RI in ENVRI+. Some of the deliverables and tools (Catalogue, Monitoring tools) made for AtlantOS fit the purpose of the EUROGOOS and should be made available through EuroGOOS WWW and maintained by the office with the helps of members</p> <p>Some progress are also made in more computer science project such as ODIP, EUDAT or ENVRI+ to progress in coherent manner on some standardization issues that have been identified by DataMEQ (Guidance for DOI , Standardization and vocabularies, enhancing services to users by testing emerging IT services such as Cloud distribution..)...</p>
Bottle necks / problems	<p>Data policy in some countries and region that limit the data exchanges</p> <p>There are presently a significant number of projects working on enhancing data system and the EuroGOOS community has to be careful on the coherency of the developments and the DataMEQ recommendations are taken into account</p>
Main work plan areas 2017-2018	<p>The 2017-2018 will be based on the recommendations elaborated in October 2015 and summarized in the meeting report . In continuity of the previous work , the mains axes are:</p> <ul style="list-style-type: none"> • Enhance service to Users by extending the regional portals with the parameters and platforms necessary for the ROOSes activities. and updating aggregated historical in situ datasets, important for reanalysis activities carried out within EUROGOOS • Enhance Interoperability between real time and delayed mode data streams y encouraging the use the same standards and code lists at European level based on SeaDataNet standards whenever exists and enhanced within AtlantOS. • Enhance discovery of data by documenting products /datasets /collection in common catalogue developed in AtlantOS that will is proposed to be plugged ion the EUROGOOS WWW • Provide Guidelines for implementation of Data Citation (DOI) in link with AtlantOS ,ENVRI+ and ODIP2 • Improve interaction with Data providers by improving traceability of the use of data , visibility of the providers on the integrators, Feedback to providers of the use of data through

	<p>integrators, QC on data by efficient reporting to provider when an anomaly is detected ; In link with AtlantOS, ENVRI+ and EMODENET-Physics3</p> <ul style="list-style-type: none"> • Update guidelines to institutes through a handbook who want to exchange the observation they manage to connect to SeaDataNet network and/or CMEMS/EuroGOOS portals benefiting from the deliverable generated in AtlantOS • Involve more the potential providers by organizing regional meetings and Supporting data sharing for new type of platform through EuroGOOS Task Team • Set up an efficient update process with providers using Cloud type IT services through SeaDataCloud/ENVRI+ and eventually some EOSC projects
Meetings 2016	Organised within the AtlantOS project in June and December 2016 and CMEMS INSTAC April and October 2016
Next meetings planned	International harmonisation Workshop organised within AtlantOS the 7-8 June 2017
Links / synergies with other initiatives	<p>DataMEQ recommendations will progress in close relation with major projects or organisations in Europe that are listed hereafter:</p> <ul style="list-style-type: none"> • CMEMS INSTAC for real-time data stream • SeaDataNet and CMEMS INSTAC for building historical products for reanalysis purposes • SeaDataNet for standard improvements • AtlantOS for trans-network in Atlantic : similar activities planned in Med and may be Arctic in 2015 BG12 call • JERICO-Next for coastal network expertise • EMODNet-Physics for interoperability with the EMODNet portal and contribution to unlocking access to private data • ENVIR+, ODIP2, EUDAT : for Interoperability , Standardization and International collaboration • EuroGOOS : to Enhance link with in situ observing system operators and downstream users • JCOMMOPS : to Enhance link with in situ observing system operators and networks at International level

Full WG Title	EuroGOOS Science Advisory Working Group		
Established	1995		
Chair/co-Chairs	Jun She		
Current members	1.	SAWG Chair	Jun She
	2.	Coastal WG:	TBD
	3.	Arctic ROOS:	J.Johannessen
	4.	NOOS:	H. Wehde John Siddorn
	5.	BOOS:	Jan Reissmann, Urmas Lips
	6.	IBI ROOS:	Tomasz Dabrowsk
	7.	MONGOOS:	Alessandro Crise, Nadia Pinardi
	8.	CMEMS:	E. Stanev, P. Y. Latron
	9.	EUROGOOS	Erik Buch (Board), Glenn Nolan (SG)
Main contact person	Jun She, js@dmi.dk		
Webpage	http://eurogoos.eu/science-advisory-working-group-sawg/		
Objective	<ul style="list-style-type: none"> - To identify research priorities for European operational oceanography - To stimulate scientific cooperation between EuroGOOS partners - To bridge operational requirements and scientific challenges 		
Relevance to EuroGOOS Strategy	<p>SAWG contributes to EuroGOOS strategy 2014-2020:</p> <ul style="list-style-type: none"> - Identify European priorities for operational Oceanography: defining research priorities and relate to key European initiatives such as Copernicus, EMOD-net and Marine Research Infrastructures. - Promotion of operational oceanography: networking, publications, conferences... - Foster Cooperation: for OO in global, European and regional scale. - Co-production: multi-model ensemble prediction; co-production for MSFD. - Sustained Ocean Observations: optimization of observation networks 		
Successes 2016-2017	<ul style="list-style-type: none"> - EuroGOOS Scientific strategy paper: Jun She, Icarus Allen, Erik Buch, Alessandro Crise, Johnny A. Johannessen, Pierre-Yves Le Traon, Urmas Lips, Glenn Nolan, Nadia Pinardi, Jan H. Reißmann, John Siddorn, Emil Stanev, Henning Wehde: <i>Developing European operational oceanography for Blue Growth, climate change adaptation and mitigation, and ecosystem-based management</i>. Ocean Science 07/2016; 12(4). DOI:10.5194/os-12-953-2016 - EuroGOOS Policy briefing European operational oceanography: Delivering services for Blue Growth and ecosystem-based management. EuroGOOS Policy Brief. 2016. She, J., Eparkhina D., Nolan G. (Eds.). Brussels. 		

	Belgium.
	- OSSE review: She J., E. Buch and G. Nolan, 2017. Review of OSSEs (Observing System Simulation Experiments): outcomes on European in-situ observation needs and lessons learned. EuroGOOS Report.
Bottle necks / problems	Lack of user requirements: from EuroGOOS, and ROOSes, what are required for SAWG to provide?
Main work plan areas 2017-2018	As written in the Implementation Plan: <ol style="list-style-type: none"> 1. Link H2020 Scoping papers to EuroGOOS research priorities: H2020 scoping papers in themes Bioeconomy/mrine/maritime, Environment/Climate change and Space will be analyzed and linked to EuroGOOS research priorities (Feb. 2017) 2. Reform SAWG membership to fit into the purpose of EuroGOOS strategy implementation (there might be a possibility to merge SAWG and COSMO WG (June 2017). 3. Contribute to EuroGOOS implementation plan in cross-cutting scientific issues, e.g., coastal operational oceanography, operational ecology, integrated ocean observations and operational modelling and forecasting skills 4. If possible, SAWG may work on some project tasks, e.g., those in EuroGOOS-CMEMS UU contract (interface between CMEMS and national systems). Other potential tasks: <ul style="list-style-type: none"> - Work out a SAWG ToR - To promote OO (esp. EOOS) in H2020 call text
Meetings 2016	None
Next meetings planned	N/A
Links / synergies with other initiatives	SAWG-CMEMS: Synergy on coastal operational oceanography and operational ecology SAWG-MSFD: how can operational ecology benefit MSFD assessment? SAWG-MSP: how can coastal operational oceanography and operational ecology benefit implementation of MSP?