

Report on Activities for DATA-MEQ 2015

Contact

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DATA-MEQ WG Members and change in membership

EUROGOOS	Patrick Gorringe
BOOS and NOOS representatives	
BSH	Kai Soetje
SMHI	Thomas Hammarklint
UKMET	Matthew Martin, Simon Good
CEFAS	Kate Collingridge /Rodney Forster/Jon Rees
IBI-ROOS representatives	
Puertos Del Estado	Marta de Alfonso
AZTI	Julien Mader
MOON representatives	
Enea	Giussepe Manzella
HCMR:	Leonidas Perivoliotis
Arctic representative	
IMR	Helge Sagen , Sjur Ringheim Lid, Henning Wehde
Black Sea representative	
IOBAS	Veselka Marinova
Other program representatives	
Argo/Gosud/OceanSITES/GROOM	Thierry Carval
SeaDataNet	Dick Schaap/Peter Thijssse
EMODnet-PP	Antonio Novellino
Interoperability Tools	Thomas Loubrieu
Ferrybox	Wilhelm Petersen/Gisbert Breitbach
ICES	Neil Holdsworth/Hjalte Parner
MODEG	Gerben de Boer °
RTQC-BIO (MyOcean JERICO)	Kai Sorensen / NIVA

Terms of Reference

1. Develop an overall concept for the management of EuroGOOS observation data taking into consideration data management systems which are developing within GMES and JCOMM
2. Identify, in consultation with the EuroGOOS Task Teams and OOS/N, as appropriate, the type of observations which can be made available either in real-time or in delayed mode
3. Propose the most effective ways to make observation data readily available for operational purposes in a sustained matter
4. Propose mechanisms to ease access to delayed mode observation data in cooperation with NODCs, keeping aware of the progress in SeaDataNet
5. Draft a minimum set of standards for data quality control which is related to observation data collection, processing and exchange procedures

Each TT or OOS/N should appoint 2 persons to represent them in the working group and promote internal coordination. The DATA-MEQ chair will liaise with the JCOMM Data Management Program Area coordinator.

Main Achievements during the last year

In close collaboration with MyOcean and SeaDataNet the ROOSes have enhanced the regional in situ portals that were agreed in 2008 and 2010 to historical products (1990-2013) in order to fulfil ocean circulation reanalysis requirements and ROOSes applications needs .

In close relation with MyOcean, SeaDataNet and EMODNet-Physics, the DATAMEQ working group have contributed to the promotion of open and free data policy and facilitated their integration in the ROOS portals and NODCs.

Members of the DATAMEQ working group have promoted the EuroGOOS recommendations in projects such as JERICO, PERSEUS , GROOM , E-AIMS, ODIP, EUDAT,... and gathered recommendations from these projects especially for interoperability standards evolution, enhancement of data product citation and bio-geochemical data management.

Members of the DATA-MEQ working group have participated actively to the definition of data management work-packages in major H2020 projects such as AtlantOS, In Situ TAC for COPERNICUS Marine Service, ENVRI+, JERICO-NEXT,... in coherence with the EuroGOOS endorsed recommendations.

Plan for next two years

Work closely with AtlantOS WP7 to enhance the recommendations regarding Real Time QC et Data Exchange protocols and report progress at Annual meeting in 2016

Extend Real Time QC procedures to other EOVS in partnership with the AtlantOS project, and enhance the recommendations in regional seas benefiting from Copernicus Marine Service In SituTAC and in coastal areas from JERICO-NEXT development.

Collaborate with the newly created network Task Teams to facilitate such platforms data integration in the ROOS portals and other integrators (Copernicus In Situ TAC, SeaDatNet, EMODNet)

Relation to major projects

- In Situ TAC for Copernicus Marine Service for Real-Time products for operational oceanography
- SeaDataNet and In Situ TAC for Copernicus Marine Service for building historical products for reanalysis purposes
- SeaDataNet , ODIP, EUDAT, ENVRI and ENVRI+ for standard improvements
- JERICO-Next for Coastal real –time and historical data
- EMODNet-Physics for future development of EMODNET for Copernicus needs

Challenges and Problems

Keep the coherency between developments made in various projects and avoid duplication of efforts on services we would like to be sustained in the future

Be aware of achievements reached in projects or at national level on which we can capitalize for the benefit of data management activities within EuroGOOS.