

<http://www.mngoos.eu>

About MONGOOS

The Mediterranean Operational Network for the Global Ocean Observing System (MONGOOS) has been established in 2012 to further develop operational oceanography in the Mediterranean Sea. MONGOOS comprises the previous activities of [MOON](#) and [MEDGOOS](#).

MONGOOS is promoting partnerships and capacity building for [GOOS](#) in the Mediterranean Sea, creating a continuous working framework with [EuroGOOS](#) and [GOOS Africa](#) in order to define common roles and activities in the region, fostering collaboration with Black Sea GOOS and global ocean GOOS initiatives.

MONGOOS SECRETARIAT

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Understanding marine dynamics and its impact in several socioeconomic sectors is a key element for the development of Blue economy at the Mediterranean. To achieve this goal, obtaining high quality data is mandatory, but not sufficient. Downstream services convert this data into useful information and services tailored for specific final users.

These services constitute today a essential key component to ensure the usability of the operational oceanography systems data and, therefore, a vital tool to ensure its long term sustainability.

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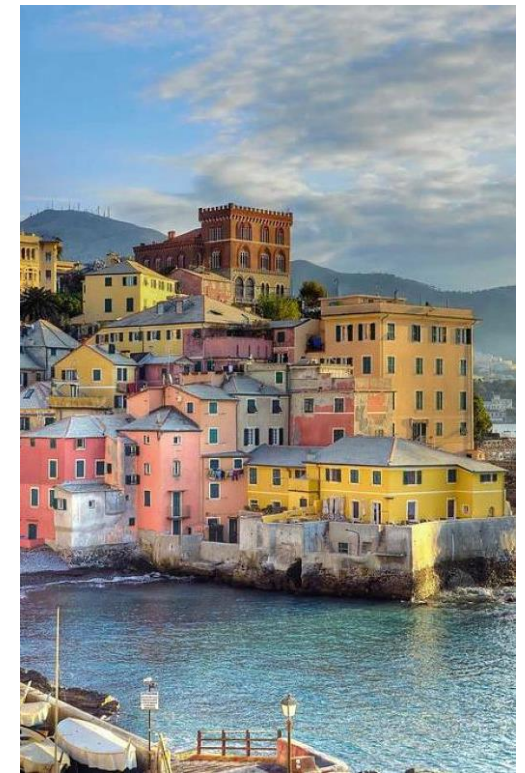
**EMODNET
PHYSICS (ETT)**



**GEO BLUE
PLANET**



CMEMS



WORKSHOP ON OPERATIONAL OCEANOGRAPHY DOWNSTREAM SERVICES

*December 4th and 5th, 2018.
Genova, Italy*

*The meeting will be held preceding
the MONGOOS annual meeting*



Leaded by MONGOOS applications working group

The applications working group promotes the dialogue with users for identifying requirements and needs, serving to promote co-development, test and dissemination of information of the services.

Oceanographic products from CMEMS and downscaled sub-regional and national products are used, transformed, and provided to users, private companies and stakeholders through adding-value chains (downstreaming) which consider development of specific solutions, advance visualization, usage of multi-channels technological platforms and specific models and algorithms

Objectives of the workshop:

- Review existing downstream services and applications. Describe success stories that demonstrate its importance
- Develop the concept that applications are key element for EMODnet and Copernicus Marine Service, contributing to the scientific understanding of our ocean
- Demonstrate the capacity of serving Blue Growth, SGD 14 and GOOS societal challenges related to ocean health and climate change. Connect with international initiative such as Geo Blue Planet and JCOMM
- Enforce the connection with users. Consolidate the engagement of private sector
- Analyze gaps in the services we are providing. Explore new ideas for development of Downstream applications. Search for joint projects and initiatives
- Discuss ways forward

Workshop sessions:

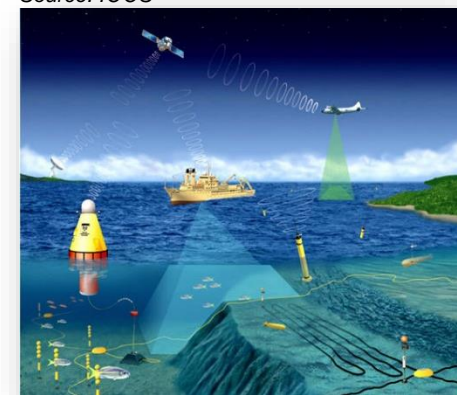
The workshop will be divided in thematic sessions:

Session 1: EMODnet Physics and downstream services; using integrators (e.g. EMODnet Physics, CMEMS, SDN) and integrators portal interoperability services to discover, access, download and use data and data products into downstream applications

Session 2: Presentation of downstream services and uses. Different relevant sectors are considered, such as: a) Aquaculture and fishery b) Tourism and sports activities; c) Integrated Coastal Zone Management and Maritime spatial planning; d) Transport and harbour services; e) Marine digital services; f) Technologies for maritime safety; g) Climate change and anthropogenic impacts on marine environment and; h) Energy from the sea

Session 3: open discussion on ways forward

Source: IOOS



An effort coordinated with EMODNET, EuroGOOS and AfricaGOOS

This workshop is also an opportunity to improve alignment with several organizations, strategies and project calls, provide recommendations to MONGOOS community and meet potential partners to build proposals.

Instructions for contribution submission:

- Abstract (one page max.) must be sent to sperez@Puertos.es
- 15 minutes presentations + 5 min discussion
- Each author is allowed to send one contribution to session 1 and 2. Session 3 does not allow presentations.
- If time does not permit oral presentations for all accepted contributions, some could be asked to be presented in poster format