



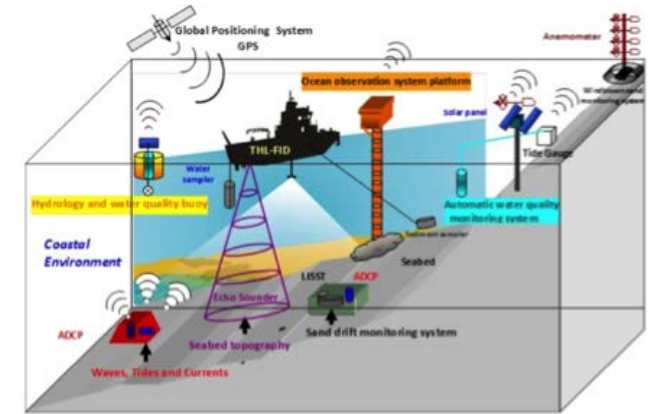
OBJECTIVE OF THE WORKSHOP

Operational oceanography in the Mediterranean Sea is available nowadays to thousands of users through services dealing with societal challenges.

The major interface between humans and the ocean occurs in the coastal seas. Marine industries thrive in this area while European citizens make daily use of the coastal ocean for tourism, leisure and recreation.

Operational oceanography assists both industry and the general public to make decisions about their use of and access to the coastal ocean.

The aim of the workshop is to touch on all aspects of the coastal zone ranging from the study of processes that affect it to the application of methodologies to provide services to the community.



WORKSHOP

“MODELLING AND OBSERVATIONS IN THE COASTAL MEDITERRANEAN SEA: PHYSICAL AND BIOGEOCHEMICAL PROCESSES”

3-4 December 2019

Camera di Commercio, Industria, Artigianato
e Agricoltura Venezia Giulia
Piazza della Borsa 1 - Trieste (Italy)

WORKSHOP SESSIONS

The workshop will be divided in three sessions:

Session 1 - Science base operational oceanography

It will cover all the aspects of the monitoring systems from in situ measurements to moving platforms. In this session, multidisciplinary studies addressing existing observing systems as well as new strategies to improve them will be welcomed. We invite contributions using in situ technologies, remote sensing and gliders. Particular foci are placed on (i) the analysis of strengths, weaknesses, gaps in spatial/temporal coverage, and missing monitoring parameters in existing observation networks and databases.

Session 2 - Modelling

The session will provide a forum for multi-scale hydrodynamic modeling and integrated observational studies that aim toward scientific validation, prediction and operational applications of numerical models in coastal and shelf areas. Applications of nested models, such as the influence of physical processes on ecosystem dynamics and interdisciplinary coastal simulations and predictions are also welcome.

Session 3 - Products and Applications

Applications and products CMEMS. 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 harbor 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



HOW TO REGISTER AND SUBMIT AN ABSTRACT

To register follow this link <https://forms.gle/2LzHpm9wv12VT9TP8>



Abstract (one page max.) must be uploaded to the registration form

- 12 minutes presentations + 3 min discussion
- Each author is allowed to send one contribution to each session
- If time does not permit oral presentations for all accepted contributions, some could be asked to be presented in poster format

An effort coordinated with EuroGOOS. 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.



WORKSHOP SCIENTIFIC COMMITTEE

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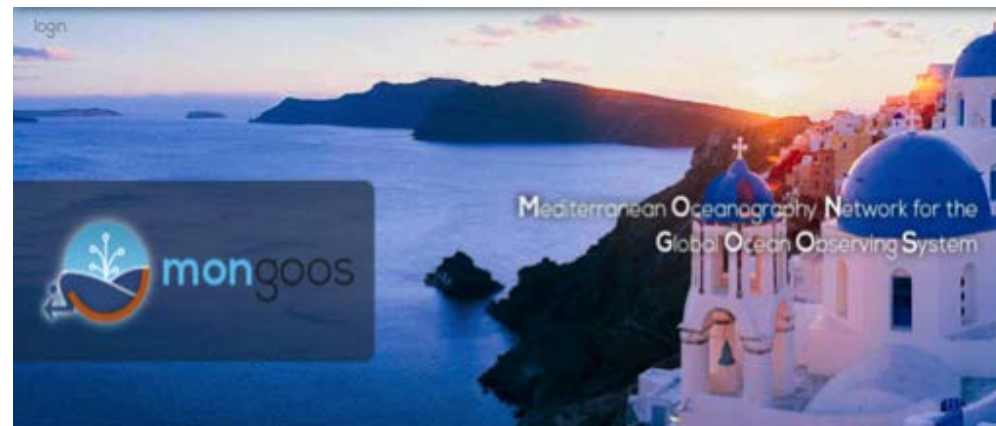
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ABOUT MONGOOS

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 represent the EuroGOOS Roos in the Mediterranean Sea and collaborate to the consolidation and further expansion of operational oceanography in the Mediterranean Sea.

MONGOOS VIEW

- Promotion of a science-oriented view and EOOS
- Interaction with other R&D communities
- To foster applications for societal benefit
- Integration of Mediterranean countries and foster cooperation

MONGOOS WEBSITE <http://mongoos.eu>