

<http://www.mongoos.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.

Organisation

Scientific Committee:

Pierre Garreau (IFREMER, France)
 Georg Umgiesser (ISMAR Italy)
 Enrique Alvarez Fanjul (Puertos del Estado, Spain)
 Nadia Pinardi (University of Bologna, Italy)
 Emanuela Clementi (INGV, Italy)

Local organization:

Vlado Dacic (IOF, Croatia)
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Operational modelling is now a mature activity in the Mediterranean and Black Sea involving dozen of teams and more than 30 routinely modelling products:

<http://www.mongoos.eu/in-situ-and-forecasts>

We propose a scientific workshop on recent progress and strategies on ocean and coastal modelling. Participations of teams not involved in operational oceanography are welcome

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MONGOOS SECRETARIAT

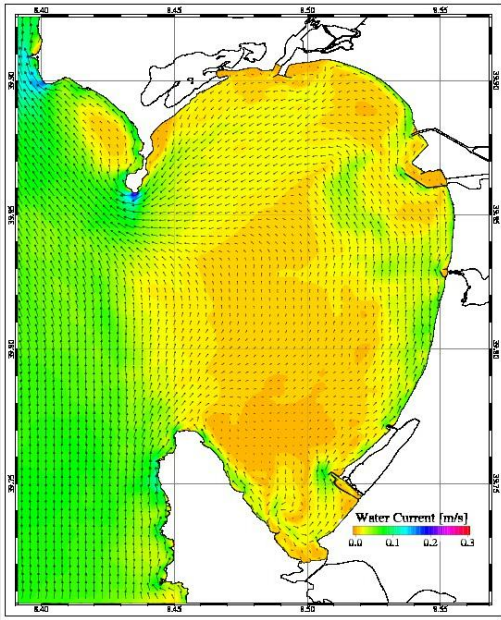
Susana Pérez Rubio
 Puertos del Estado
 Avda. del Partenón, 10
 Madrid



WORKSHOP ON MEDITERRANEAN ADVANCED MODELING

*15th November, 2016.
 Split, Croatia*

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



Leaded by MONGOOS modelling WG

The modelling Working Group of MONGOOS is in charge of the scientific animation and coordination of the operational modeller in the Mediterranean and the Black Sea.

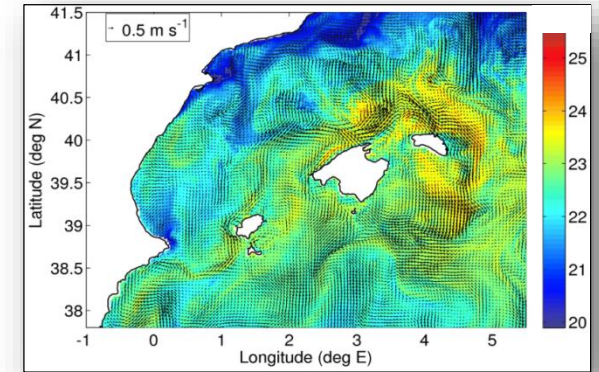
*From large to small scales,
From regional circulations to local applications, Modelling and forecasting of the Mediterranean Sea is ever improving...*

A future publication on the status of modelling in the region

A collective review paper on the existing operational modelling and, recent progress in the Mediterranean region will be proposed for publication in the framework of EuroGOOS, after this meeting.

An effort coordinated with CMEMS

This workshop is also an opportunity to improve alignment with CMEMS strategy and calls, provide recommendations to MONGOOS community and meet potential partners to build proposals.



Workshop sessions:

The workshop will be divided in two thematic sessions:

1. Review of existing operational systems: the presentations will be focused on describing the existing systems of the region, with their capabilities, limitations, detected problems and success histories
2. Simulation of processes and technical advances in numerical modelling in the region.

Instructions for contribution submission

- Abstract (one page max.) must be sent to pierre.garreau@ifremer.fr
- 15 minutes presentations + 5 min discussion
- Each author is allowed to send one contribution per session.

Objectives of the workshop:

- Review of existing capacities on Mediterranean Circulation Modelling and perspectives
- Evaluation of the down-scaling strategies (off line zooms, 2 way-zooms, up-scaling, unstructured grids...).
- Recent or on-going developments in key processes: (sub)mesoscale structures, convection, ocean-waves-atmosphere interactions, straits dynamics
- Progress biochemical and environmental modelling
- Strategies of validation