



<b>Full TT Title</b>	<b>EuroGOOS Mediterranean Oceanography Network for the Global Ocean Observing System</b>
<b>Established</b>	<b>2012</b>
<b>Chair/co-Chairs</b>	<b>Enrique Alvarez Fanjul and Giovanni Coppini</b>
<b>Current members</b>	<b>41 partners (see list below)</b>
<b>Main contact person</b>	'Enrique Alvarez Fanjul' <a href="mailto:enrique@puertos.es">enrique@puertos.es</a> Giovanni Coppini <a href="mailto:giovanni.coppini@cmcc.it">giovanni.coppini@cmcc.it</a>
<b>Webpage</b>	<a href="http://www.mongoos.eu">www.mongoos.eu</a>
<b>Objective</b>	<p>The Mediterranean Operational Network for the Global Ocean Observing System (“MONGOOS”) Memorandum of Agreement (MoA) was established in 2012 with the signature of the MONGOOS MoA. MONGOOS is joining the effort of MOON and MEDGOOS networks and respective Memorandum of Understanding (MOU). The purpose of the MONGOOS MOA is for the Members to: (a) collaborate to further develop operational oceanography in the Mediterranean Sea by integrating their activities under the name of MONGOOS; (b) supplant the MOON and MedGOOS MoUs, building on and integrating their core mandates; (c) promote partnerships and capacity building for GOOS in the Mediterranean Sea; and (d) elaborate a continuous working framework with EuroGOOS and GOOS Africa in order to define common roles and activities in the Mediterranean Sea, and foster collaboration with Black Sea GOOS and global ocean GOOS initiatives.</p> <p><b>Principal objectives.</b> MONGOOS shall engage in activities related to the production and use of operational oceanography services (“Services”), as set forth in Annex II of the MOU (Activities), in furtherance of four principal objectives: (a) Improved Fitness for Purpose. Continuously advance the scientific understanding and technological development upon which the Services are based. (b) Greater Awareness. Promote the visibility and recognition of the Services with governmental agencies and private companies, encourage their integration at national, regional, European and global levels. (c) Increased Downstreaming. Enhance the usability of the Services and their usefulness for policy implementation, societal needs and science. (d) Improved Capacity. Support the planning and implementation of international initiatives involving operational oceanography and promote the participation of non-EU Mediterranean countries in producing the Services.</p>
<b>Relevance to EuroGOOS Strategy</b>	MONGOOS represent the EUROGOOS Roos in the Mediterranean Sea and collaborate to the consolidation and further expansion of operational oceanography in the Mediterranean Sea.

**Successes  
2016-2017**

- 1) Updates on the web site: New section for Calls; New section for Glider facilities in the Med Sea; in situ stations and models updated
- 2) Successful activities of the working groups: a) modelling working group published a MONGOOS publication (in Eurogoos conference proceedings) with the outcomes of the workshop on advanced modelling (Spit, Croatia Nov 2016); b) the Monitoring Working Group successfully organized the workshop called “Mediterranean Observing System” in ATHENS on 14-15th, November 2017; c) The new working group on Products has been activated and performed a survey on MONGOOS applications which results will be published on MONGOOS website and include in the MONGOOS SSP; d) The MONGOOS Science and Strategy Plan has been finalised and will be published in 2018; e) successful consolidation of the relationship with JCOMM;
- 3) New partners: Democritus University of Thrace-Greece, INSTM, Institut National des Sciences Et Technologies de la Mer-Tunisia
- 4) MESCAT project consolidated and partially included in the ECO-BRIDGE

**Bottle necks /  
problems**

Lack of funding for observing system and some modelling and application fields (e.g. oil spill, Search and Rescue, integrated modelling); still to be consolidated the engagement of African partners

**Main work  
plan areas  
2018-2019**

- 1) Management activities (e.g. Update of the website; Update of the MONGOOS modelling and observations database and website information).
- 2) Strategic activities:
  1. Publish the MONGOOS Science and Strategy plan
  2. Consolidate the contribution of MONGOOS to EOOS
  3. Submission proposal on oil spill forecasting service and Blue Growth applications
  4. Prepare the transition to the new co-chairs of MONGOOS. Set up and run the Working group on MONGOOS evolution and transition to new co-chairs
  5. Publish the MONGOOS products working group page with the results of the Survey
  6. Enlargement of MONGOOS partnership in African countries, be active in the collaboration with Africa-GOOS and the work with the MONGOOS WG on fostering connection with African countries
  7. Consolidation of the relationship with EUROGOOS, AFRICA GOOS, Black Sea GOOS
  8. Consolidate the position of MONGOOS within GOOS framework
  9. Progress in the engagement of the MONGOOS partners in providing in situ and remote sensing observation and modelling products for the MONGOOS portal and for the CMEMS and EMODNET activities.
  10. Prepare the publication of the results of the Observing System Workshop organized in Athens on November 2017
  11. Consolidate the uptake of CMEMS services in the Mediterranean area
  12. Consolidate the relationship with JCOMM, IOC and WMO
  13. Enlarge and consolidate the REMPEC-MONGOOS agreement
  14. Participation to GODAE
  15. Organization of the meeting WMO&CMEMS
  16. Continue the organization of the EGU sessions on: "Marine Pollution Assessment, Prediction and Risk Mapping"; "The Copernicus Marine Environment Monitoring Service" and "Ocean Science Literacy"
  17. Further develop the MESCAT project (Mediterranean Sea-level Change And Tsunamis) adopted as a GOOS Project
  18. Submission of Interreg and H2020 proposals

**Meetings  
2016**

- 6th MONGOOS meeting November 15-16 November 2017 Athens  
- WORKSHOP "Mediterranean Observing System "14-15th, November 2017 Athens

**Next  
meetings  
planned**

October 2018

**Links /  
synergies  
with other  
initiatives**

Strong synergies are in place with JCOMM, WMO; CMEMS, EMODNET and Godae ocean view.

**Partners in 2017**

1. AMGI - Andrija Mohorovičić Geophysical Institute, University of Zagreb
2. ARPAE - Agenzia regionale per la prevenzione, l'ambiente e l'energia dell'Emilia-Romagna

3. ARSO - Slovenian Environment Agency
4. CMCC - Centro Euro-Mediterraneo sui Cambiamenti Climatici
5. CNR-IAMC - Istituto per l'Ambiente Marino Costiero
6. CNR-ISAC - Istituto di Scienze dell'Atmosfera e del Clima
7. CNR-ISMAR - Istituto di Scienze Marine
8. CNR-ISSIA - Istituto di Studi sui Sistemi Intelligenti per l'Automazione
9. CSIC - Consejo Superior de Investigaciones Cientificas
10. Democritus University of Thrace-Greece
11. DHI (Associated Partner)
12. DHMZ - Croatian Meteorological and Hydrological Service
13. ENEA - Italian National Agency for new Technologies, Energy and Sustainable Economic Development
14. ETT - ETT S. p. A. (Associated Partner)
15. HCMR - Hellenic Centre for Marine Research
16. IEO - Instituto Español de Oceanografía
17. Ifremer - Institut Français de Recherche pour l'Exploitation de la Mer
18. IMB - Institute of Marine Biology, University of Montenegro
19. IMS/METU - Middle East Technical University Institute of Marine Sciences
20. INGV - Istituto Nazionale di Geofisica e Vulcanologia
21. INRH - Institut National de Recherche Halieutique
22. INSTM - Institut National des Sciences et Technologies de la Mer
23. IOF - Institute of Oceanography and Fisheries
24. IOLR - Israel Oceanographic and Limnological Research, National Institute of Oceanography
25. ISPRA - Institute for Environmental Protection and Research
26. LIM/UPC - Laboratorio de Ingeniería Marítima/Universidad Politécnica de Cataluña
27. Mercator Ocean - Mercator Océan
28. Météo-France - Météo-France
29. NIB - National Institute of Biology Marine Biology Station
30. NIOF - National Institute of Oceanography and Fisheries
31. OC-UCY - Oceanography Centre University of Cyprus
32. OGS - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale
33. PdE - Puertos del Estado
34. RBI - Rudjer Boskovic Institute
35. SOCIB - Balearic Islands Coastal Observing and Forecasting System
36. UMT-IOI-POU - University of Malta / The International Ocean Institute, Malta Operational Centre / Physical Oceanography Unit
37. UNIBO - Alma Mater Studiorum Università di Bologna
38. University of Mohamed V - University Mohamed V-Agdal
39. University of Thessloniki - Aristotle University of Thessaloniki
40. UoA – National and Kapodistrian University of Athens
41. IASA - Institute of Accelerating Systems and Applications