

MONGOOS STATUS AND 2017-18 ACTIVITIES

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2017 activities

- Index:
 - Internal affairs and improvement of organization
 - MONGOOS participation in international organizations
 - Other activities to fulfill MONGOOS objectives

Internal affairs and improvement of organization


- Integration of new partners completed (ETT-associated partner - Italy, ARPAAE - Italy, NIOF - Egypt)
- New candidatures for 2017 (**Democritus University of Thrace-Greece, INSTM, Institut National des Sciences Et Technologies de la Mer-Tunisia**)
- New possible partners for 2018 (**ULPGC** - Las Palmas University, Spain; **IST** - Portugal; **LaMMA** - Italy)
- Amendment of MoA agreed (extending co-chairs period to 6 years) distributed for signature.
- Mailing list: updated

MonGOOS web: news & update


About Mongoods - me | x

www.mongoods.eu

about mongoods news services projects publications meeting & workshops contact calls

 Mediterranean Oceanography Network for the Global Ocean Observing System

About Mongoods





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.

MONGOOS is creating 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.

A detailed description of MONGOOS can be found on the foundational [MoA](#)

ABOUT MONGOODS | NEWS | SERVICES | PROJECTS | PUBLICATIONS | MEETING & WORKSHOPS | CONTACT | CALLS

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New section for Calls

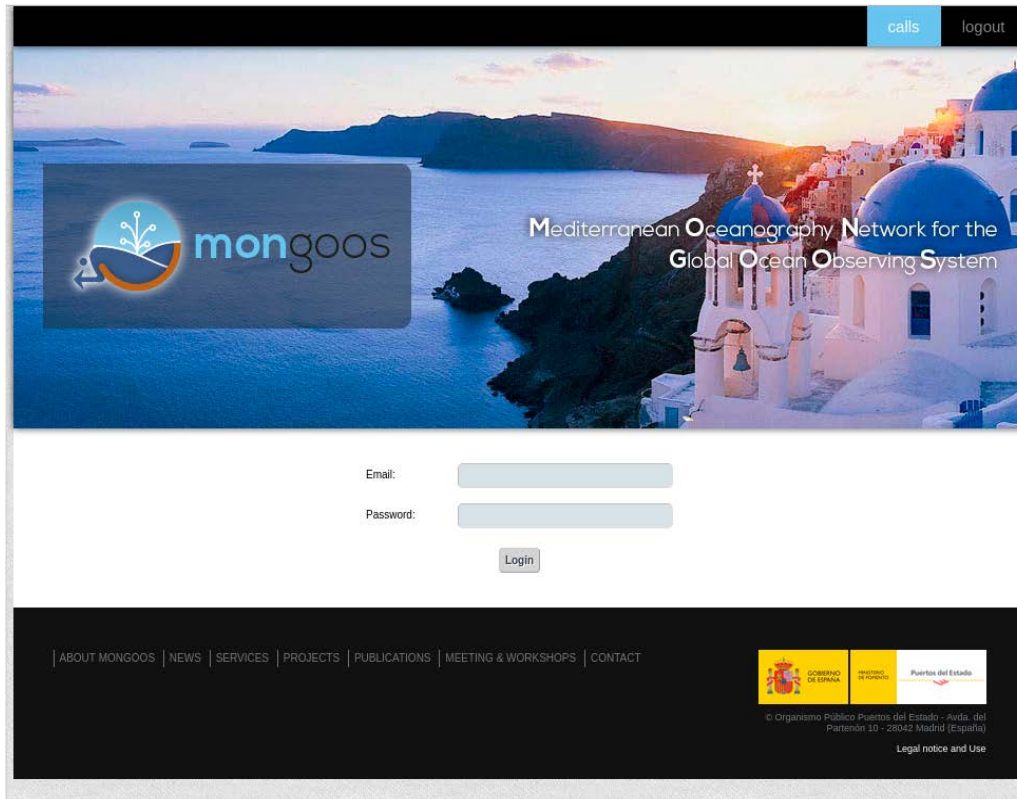
New section for Glider Facilities in the Med Sea

In-situ stations & models updated

News, new partners info & publications updated



MonGOOS web: news & update



New section for Calls

New section for Glider
Facilities in the Med Sea

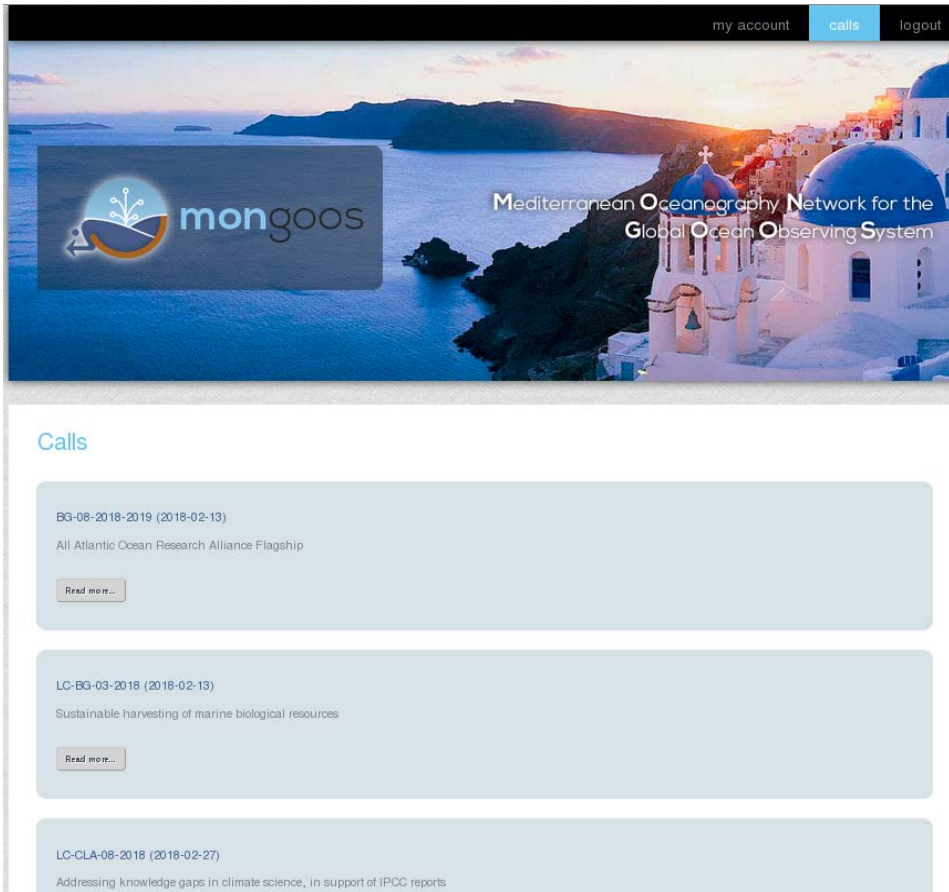
In-situ stations & models
updated

News, new partners info
& publications updated

- Allow partners to upload, send & consult information about calls in order to coordinate and prepare proposals
- User & password identification required



MonGOOS web: news & update



New section for Calls

New section for Glider Facilities in the Med Sea

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News, new partners info & publications updated

Users created: contact email for each institution and partners in mailing list. Soon credentials will be sent to users.



MonGOOS web: news & update

Calls

LC-CLA-08-2018

Details

LC-CLA-08-2018 (2018-02-27)

Specific Challenge:

Better understanding of the key processes controlling the climate-Earth system is fundamental in order to further improve climate projections, reduce uncertainty in climate sensitivity calculations, enhance understanding of frequency and strength of extreme weather events, and assess more accurately the impacts of climate change related to the proximity, rate, reversibility and tipping points of abrupt climate change, and the identification of safe operating spaces. Furthermore, future climate scenarios strongly benefit from the combined use of models and paleo-reconstructions conducted in Polar Regions as they allow a better understanding of how the climate system worked, both regionally and globally, during abrupt climatic transitions and under warmer or colder than present day conditions.

Scope:

Actions should address only one of the following sub-topics:

a) Improving the understanding of key climate processes for reducing uncertainty in climate projections and predictions: Actions should achieve better understanding of key processes, and associated feedbacks, affecting the climate-Earth system over time, in order to improve climate projections and predictions and constrain climate sensitivity estimates. Actions may cover processes such as cloud and aerosol dynamics and cloud-aerosol interactions, biogeochemical cycles and their evolution under a changing climate, ocean dynamics and circulation, dynamic interactions between atmosphere, land, ocean and ice (both sea ice and land ice), troposphere-stratosphere coupling, external forcing and other relevant processes.

The Commission considers that proposals requesting a contribution from the EU of between EUR 6 million and EUR 8 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

b) Tipping points: Actions should result in better understanding of abrupt climate change, of climate-related Earth system tipping elements and their tipping points, and associated impacts. Actions should identify safe operating spaces, accompanied where relevant with long-term strategies for preventing or mitigating impacts. Actions should also advance the understanding of respective impacts and early warning indicators.

The Commission considers that proposals requesting a contribution from the EU of between EUR 6 million and EUR 8 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

c) Ice-core drilling in East Antarctica: Actions should build on the outcomes of the Horizon 2020 project 'Beyond EPICA' (<http://www.beyondepica.eu>), and contribute to the European endeavour which aims to obtain a 1.5 million year old ice-core from East Antarctica. This will allow to better constrain the climate response to future GHG emissions and to unravel key linkages between the carbon cycle, ice sheets, the oceans and the atmosphere.

In line with the strategy for EU international cooperation in research and innovation (COM(2012)407), international cooperation is encouraged.

The Commission considers that proposals requesting a contribution from the EU in the range of EUR 10 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected Impact:

The project results are expected to contribute to:

supporting major international scientific assessments such as the IPCC;
increase confidence in climate change projections;
providing added-value to decision and policy makers;
sustaining Europe's leadership in climate science.

Cross-cutting Priorities:

International cooperation

[Send mail to partners](#)

New section for Calls

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Facilities in the Med Sea

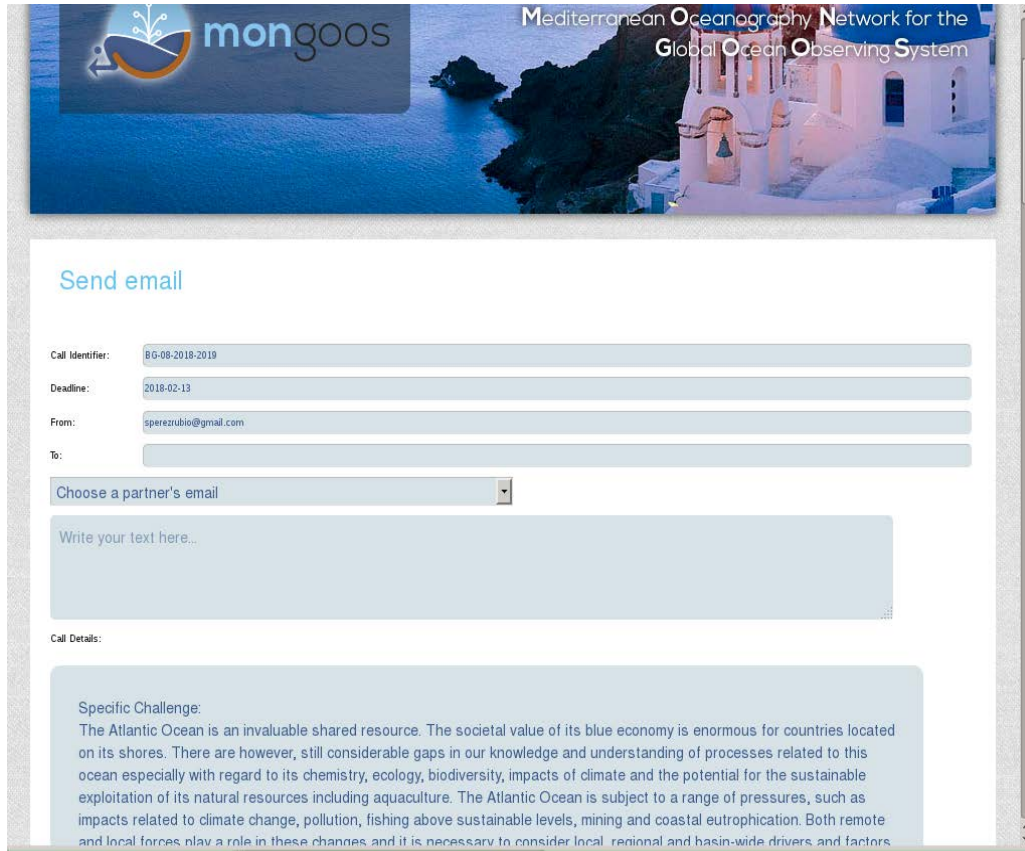
In-situ stations & models
updated

News, new partners info
& publications updated

Users are allowed to contact other partners to
build consortiums



MonGOOS web: news & update



The screenshot shows the MonGOOS web interface. At the top, there is a banner with the MonGOOS logo and the text "Mediterranean Oceanography Network for the Global Ocean Observing System". Below the banner, there is a "Send email" section with a form. The form includes fields for "Call Identifier" (86-08-2018-2019), "Deadline" (2018-02-13), "From" (sperezrubio@gmail.com), and "To". There is also a dropdown menu for "Choose a partner's email" and a text area for "Write your text here...". Below the form, there is a "Call Details" section with a "Specific Challenge" paragraph.

Call Identifier: 86-08-2018-2019

Deadline: 2018-02-13

From: sperezrubio@gmail.com

To:

Choose a partner's email

Write your text here...

Call Details:

Specific Challenge:
The Atlantic Ocean is an invaluable shared resource. The societal value of its blue economy is enormous for countries located on its shores. There are however, still considerable gaps in our knowledge and understanding of processes related to this ocean especially with regard to its chemistry, ecology, biodiversity, impacts of climate and the potential for the sustainable exploitation of its natural resources including aquaculture. The Atlantic Ocean is subject to a range of pressures, such as impacts related to climate change, pollution, fishing above sustainable levels, mining and coastal eutrophication. Both remote and local forces play a role in these changes, and it is necessary to consider local, regional and basin-wide drivers, and factors

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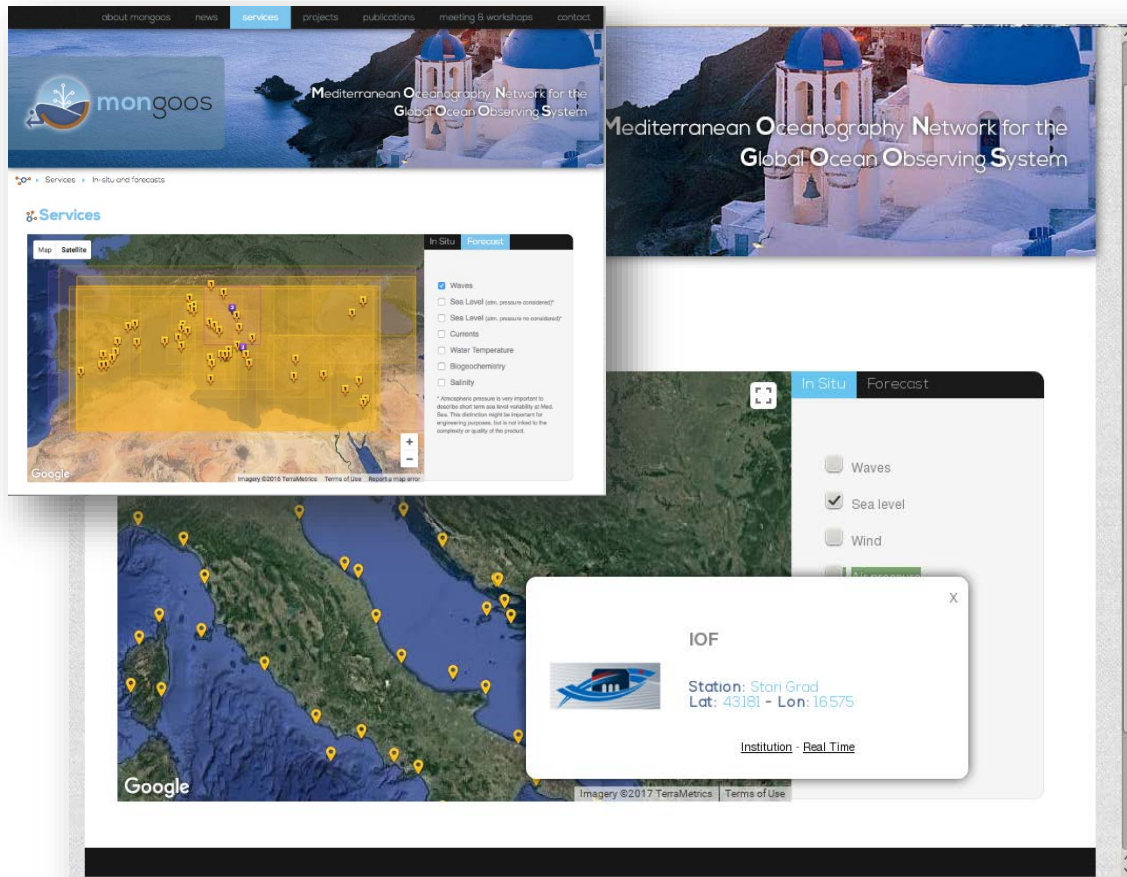
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News, new partners info & publications updated

Link to the latest data shown on institution web page



MonGOOS web: news & update



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News, new partners info
& publications updated

- New Tide Gauges from Croatia (IOF) & Spain (IGN). New coastal stations from SOCIB, Spain.
- General update of data from existing stations & forecasting models

MonGOOS web: news & update

The screenshot displays the MonGOOS website interface. At the top, the logo and the text "Mediterranean Oceanography Network for the Global Ocean Observing System" are visible. The navigation menu includes "about mongoos", "news", "services", "projects", "publications", "meeting & workshops", "contact", and "calls". The main content area is divided into sections: "News" with a recent article titled "VI MonGOOS Annual Meeting (15th and 16th of November 2016)", "Partners" featuring a map of the Mediterranean region with a pop-up for "ETT S.p.A." (Via Sestri 37 16154 Genoa), and "Partners" listing "AMSI - Andrija Mohorovičič Geophysical Institute, University of Zagreb" and "ARPAE - Agenzia regionale per la prevenzione, l'ambiente, e l'energia dell'Emilia-Romagna". The ARPAE contact information is provided: Viale Silvani, 6 40122 Bologna (Bologna), Andrea Valentini, 051 625 922, and avalentini@arpae.it.

New section for Calls

New section for Glider Facilities in the Med Sea

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News, new partners info & publications updated



Internal affairs and improvement of organization

- Working group on models
 - Results of workshop on modeling summarized on a paper for MonGOOS conference. A paper for a journal under preparation (led by Georg and Pierre). Integration of missing models to be discussed.



<http://www.mongoos.eu>

About MONGOOS

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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 Dadić (IOF, Croatia)
Gordana Beg Paklar (IOF, Croatia)
Anita Marusic (IOF, Croatia),
Contact person: marusic@iozor.hr
Tel: +385 21 408033 Mob: +385 91 16192141

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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Phone: +385 21 408000



MONGOOS SECRETARIAT

Susana Pérez Rubio
Puertos del Estado, 10
Avenida del Puerto, 10
Madrid



WORKSHOP ON MEDITERRANEAN ADVANCED MODELING

15th November, 2016.
Split, Croatia

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




Internal affairs and improvement of organization

- Working group on MONGOOS evolution and transition to new co-chairs
 - A 1-year working group to assess on the future of MONGOOS
 - A SWOT analysis already available
 - Formed by:
 - Glen Nolan
 - Vanessa Cardin
 - Joaquín Tintore
 - George Zodiatis
 - Andrea Valentini
 - Karim Hilmi
 - Manuel Espino
 - Nadia Pinardi
 - Leonidas Perivoliotis
 - Mari Carmen García
 - Giovanni Coppini
 - Enrique Alvarez
 - Leonidas Periovolitis

Internal affairs and improvement of organization

- Working group on data:
 - Organization of workshop on in-situ system
 - Update of information on web page
 - Maintenance of MONGOOS data portal and Participation in CMEMS in-situ TAC; connection with EMODNET



Objectives of the workshop:

- Review the status of the Mediterranean Sea in-situ observing system.
- Describe success stories that demonstrate the importance of in-situ measurements and its connection with the final users.
- Analyze gaps in the observing system and trace the path towards an integrated Mediterranean observatory.
- Explore integration with future EOOS.
- Discuss ways forward.

Leaded by MONGOOS
In-situ WG

The In-situ WG of MONGOOS is in charge of the scientific animation and coordination of the workshop, that will include enough time for discussion of ways forward


The Mediterranean Observing system is at this moment at a critical moment, both in terms of measuring capability and need of coordination. The workshop will provide the proper framework to discuss ways forward

Workshop sessions:

The workshop will be divided in three thematic sessions:

1. Session 1: Review of the existing systems, with their capabilities, limitations, detected problems and success histories, including practical and scientific benefits
2. Session 2: Integrating the Med. Sea network: contributions shall describe initiatives towards a further integration of the Mediterranean Observing System or shall describe gap analyses studies
3. Session 3: open discussion on ways forward

Source: IOOS



An effort coordinated with CMEMS, 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

Internal affairs and improvement of organization

- Applications WG:
 - Carried out a survey on MONGOOS Applications
 - Promote MONGOOS Application in different international forum (e.g GEO Bluplanet; EUROGOOS Assembly; JCOMM; GOOS GRA; EGU)
 - Propose a TOR
- Plans for 2018:
 - Formalize the Members Support MONGOOS partners to develop business models for their applications
 - Develop a web page with MONGOOS applications
 - Publish a paper on review of existing applications
 - Consolidate the participation to the relevant WGs (e.g. GODAE; EUROGOOS; JCOMM) and contribution to relevant initiatives (e.g. GEO BluePlanet)
 - Consolidate the participation to EU call also on Security
 - Collaborate with industry



MONGOOS participation in GOOS

- Participation in several GOOS webex
- Participation in GOOS GRA meeting (Singapore)
- GOOS strategy plan for next 10 years under preparation
- GOOS expert panels (Physics, Biogeochemistry, Biology and Ecosystems) missing Mediterranean contributions
- GOOS steering committee includes Glen Nolan, Lia Santoleri, Pierre-Yves Le Traon and Nadia Pinardi

- Co-chairs will work on ways to contribute to the plan and ask for improvement of Med Sea representation on expert panels

Other activities to fulfill MONGOOS objectives

- Coordination (Sarantis) of MONGOOS science strategy plan. Now finished and in press

The MESCAT project:

- MESCAT project (MEditerranean Sea-level Change And Tsunamis) has been presented and adopted as a GOOS Project (First project to have this stamp)
- Project re-formatted to fit GOOS project template
- Objectives and planned activities fully aligned with MONGOOS and with official support from EuroGOOS and GOOS

Actions done to promote MESCAT

- MESCAT presented twice at UfM
- MESCAT presented at GRA meeting
- Official support from EuroGOOS and GOOS
- Contacts made via GOOS and AfricaGOOS in several countries. Some expressions of interest already obtained
- Project suggested to Project Office at GOOS. Discussions going on towards finding a funding mechanism: GOOS, EuroGOOS and MONGOOS project
- Presented at Singapore meeting
- Partially included as component of a proposal for the ENI-CBC MED call. submitted by CMCC, PUERTOS, NIOF, INSTM, SPA/RAC and UNEP-MAP - now under evaluation



Present and future activities

Management activities

- Update of the website; Update of the MONGOOS modelling and observations database and website information).
- Publish the MONGOOS Science and Strategy plan

Strategic activities:

- Consolidate the contribution of MONGOOS to EOOS
- Submission proposal on oil spill forecasting service and Blue Growth applications
- 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
- Publish the MONGOOS products working group page with the results of the Survey



Future strategic activities

- 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
- Consolidate CMEMS and the uptake of CMEMS services in the Mediterranean area
- Consolidation of the relationship with EUROGOOS, AFRICA GOOS, Black Sea GOOS
- Consolidate the position of MONGOOS within GOOS framework
- Progress in the engagement of the MONGOOS partners in providing in situ and remote sensing observation and modelling products for the MONGOSS portal and for the CMEMS and EMODNET activities.
- Prepare the publication of the results of the Observing System Workshop organized in Athens on November 2017



Future strategic activities

- Consolidate the relationship with JCOMM, IOC, WMO, Clivar, MEDCORDEX, HYMEX
- Enlarge and consolidate the REMPEC-MONGOOS agreement
- Participation to GODAE
- 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”
- Further develop the MESCAT project (Mediterranean Sea-level Change And Tsunamis) adopted as a GOOS Project
- Submission of Interreg and H2020 proposals

