

Modeling working group activities

M. Tonani - INGV &
MONGOOS partners



Mediterranean Oceanography Network for the
Global Ocean Observing System

Topics:

- Work done
- Work to be done
- Conclusion

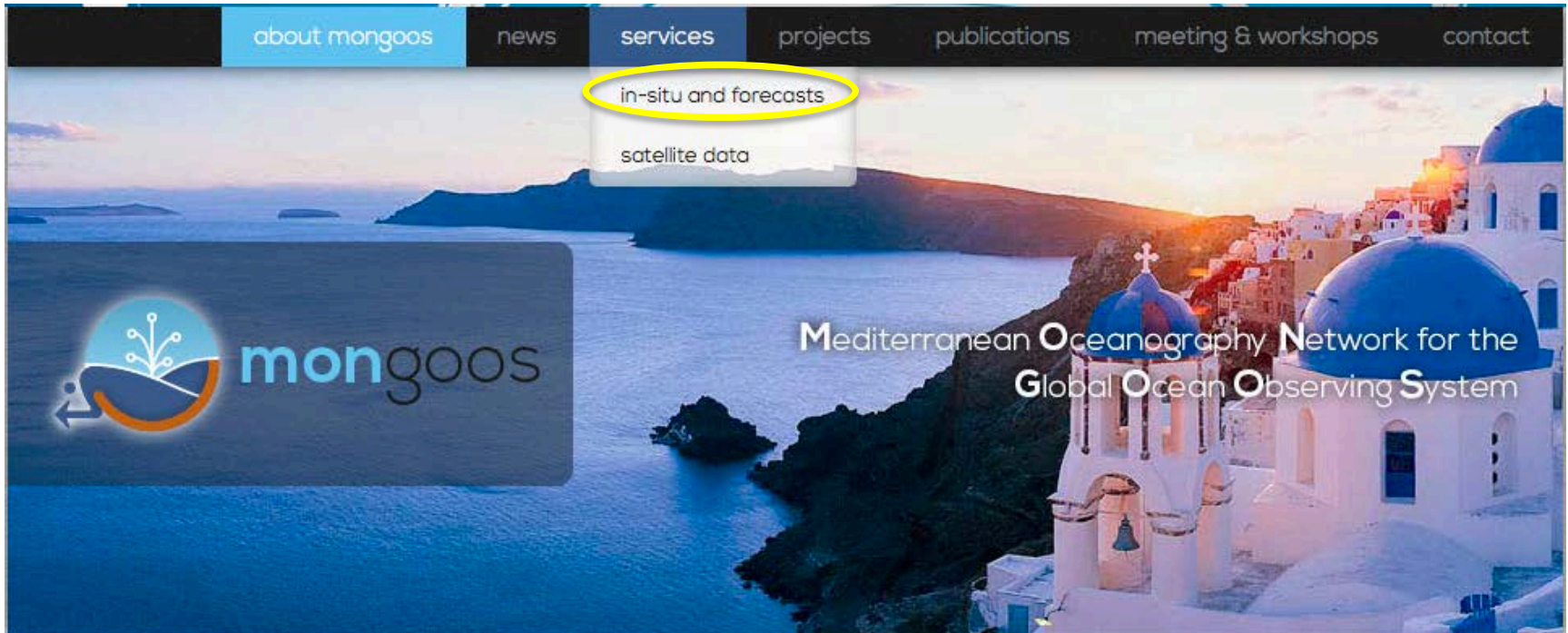
<http://www.mongooos.eu/>



Members

- **Marina Tonani – INGV**
- **Pierre Garreau - Ifremer**
- **George Zodiatis – UC-UCY**
- **Andrea Cucco – CNR-IAMC**

<http://www.mongoos.eu/>



The screenshot shows the website's navigation menu with the following items: [about mongoos](#), [news](#), [services](#), [projects](#), [publications](#), [meeting & workshops](#), and [contact](#). The [services](#) menu is open, showing sub-items: [in-situ and forecasts](#) (highlighted with a yellow circle) and [satellite data](#). The main header features the MONGOOS logo on the left and the text "Mediterranean Oceanography Network for the Global Ocean Observing System" on the right, set against a background image of a coastal town with white buildings and blue domes.

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.

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](#)

GODAE OceanView GRA (GOOS Regional Alliance)

MODEL INVENTORY

→ starting from information on MONGOOS web site +
additional information from all the partners

-Physical systems

-Biogeochemical systems

-Sea Level systems

-Wave systems

MODEL INVENTORY

- Institution/Organization
- Model Name
- Purpose-Type of model and general characteristics
- Lon/Lat
- Geographical identification-Country/Countries covered and/or Domain
- Output format
- Variables predicted (modeled variables)
- Model core
- Source of atmospheric Forcing (if applicable)
- Length of forecast
- How many forecast cycles per day (how often is the model run?)
- Horizontal and vertical resolution
- URL for access to model results/info
- Model category
- Operational/Preoperational
- **LOBC/IC/FORCING**
- **NOTE**

Physical Systems: model nesting cascade

Coastal & Shelf Seas Workshop (COSS-TT-3 2014)

“The Mediterranean forecasting system network, from regional to coastal scale”

Authors: M. Tonani, P. Garreau, G. Zodiatis, A. Cucco and MONGOOS partners*.



Coastal & Shelf Seas Workshop (COSS-TT-3 2014)

“The Mediterranean for

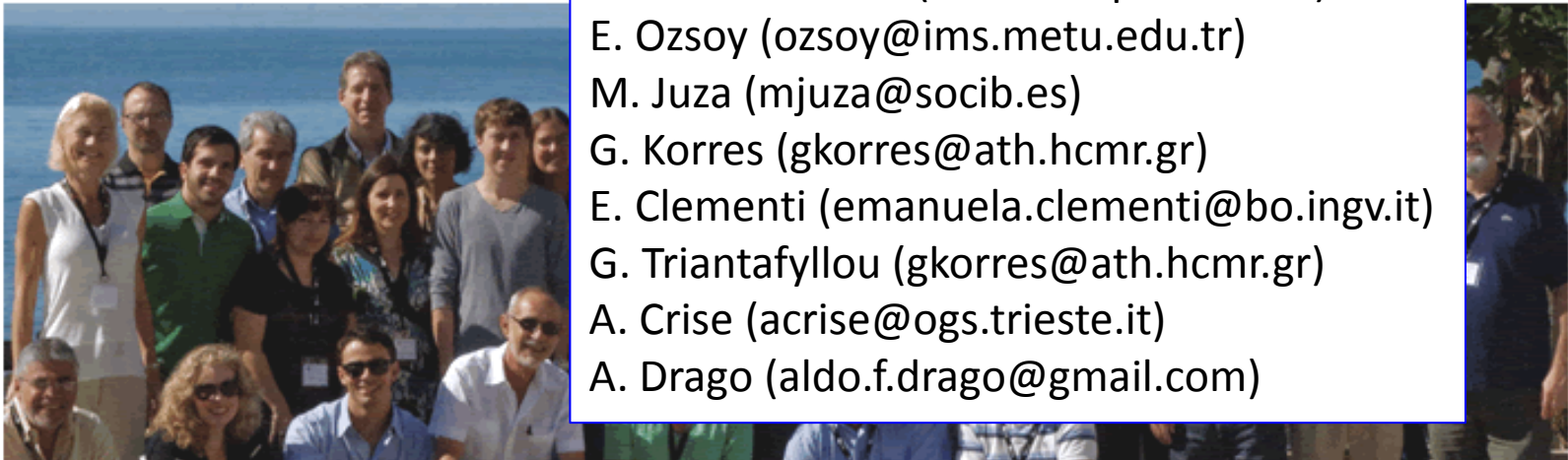
onal to

GOOS

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Work to be done:

Operational evaluation of the Mediterranean Monitoring and Forecasting Centre products: Implementation and Results

M. Tonani¹, J. Nilsson^{1*}, V. Lyubartsev², A. Grandi¹, A. Aydogdu³, J. Azzopardi⁴, G. Bolzon⁵, A. Bruschi⁶, A. Drago⁴, T. Garau⁷, J. Gatti⁸, I. Gertman⁹, R. Goldman⁹, D. Hayes¹⁰, G. Korres¹¹, P. Lorente¹², V. Malacic¹³, A. Mantziafou¹⁴, G. Nardone⁶, A. Olita¹⁵, E. Ozsoy³, I. Pairaud¹⁶, S. Pensieri¹⁷, L. Perivoliotis¹¹, B. Petelin¹³, M. Ravaioli¹⁸, L. Renault⁷, S. Sofianos¹⁴, M.G. Sotillo¹², A. Teruzzi⁵ and G. Zodiatis¹⁰.

Conclusions

- GRA model inventory
- From GRA model inventory → update of the web page
- Cal/val activities