



What Do Regional Structures Want From GOOS?

GRA Perspective

GOOS Steering Committee-10

Part 2: Workshop on GOOS Regional Structures



2021
2030 United Nations Decade
of Ocean Science
for Sustainable Development

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Intergovernmental Oceanographic Commission

UNESCO



IOC



WMO



UNEP



ICSU

What Do GRAs Expect From GOOS?

GRF-IX Survey

Three tiers of GRA expectations related to **GOOS**, **other GRAs** and the **GRA Forum** (GRF-IX, Tokyo, Japan, 2019):

1. Expectation from GOOS Structure

- Some GRAs (60-65%) expect improved coordination, tighter connections and interactions between the GOOS structures (GOOS panels, OCG and JCOMMOPS)
- Improved feedbacks/interactions with Member States
- Expect support and advice from GOOS
- GOOS to better reflect the socio-economic aspects of GRA contributions



GRA-IX Forum participants, Tokyo, Japan, 5-7 August 2019

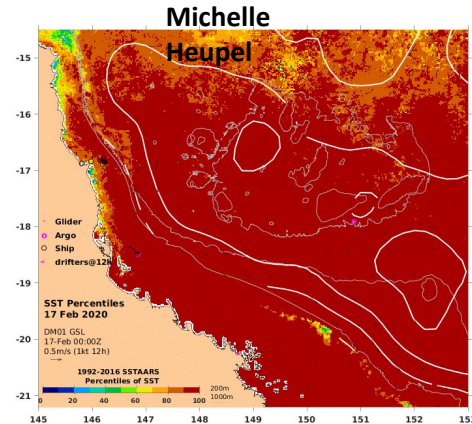
What Do GRAs Expect From GOOS?

GRE-IX Survey

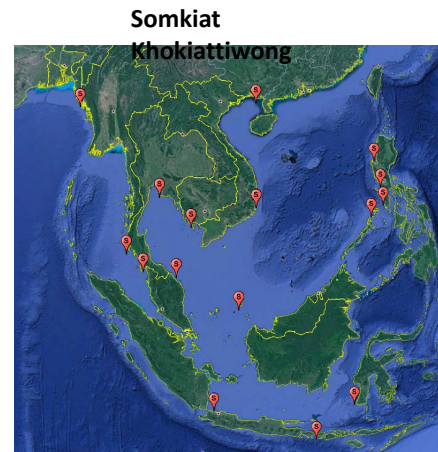
2. Expectations from other GRAs:

- Opportunity to share best practices, knowledge, data & experiences, strengthen cooperation and coordination to enhance capacity for efficient use of resources and assets.
- Consolidate relationships between GRAs to enhance collaborative activities, observations and research projects.

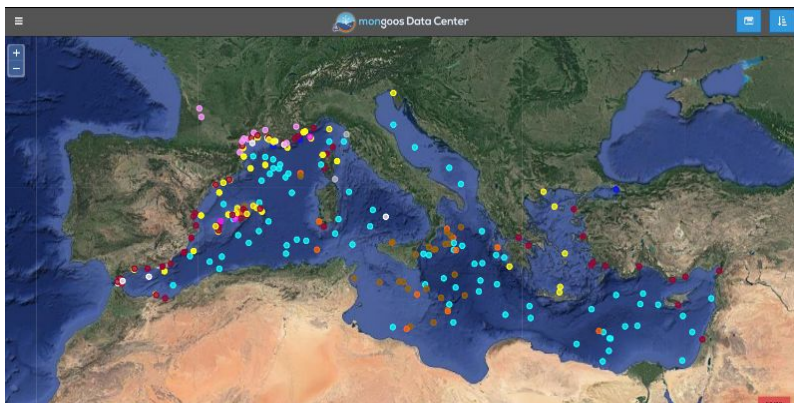
IMOS Event-based sampling-Heat Wave



SEAGOOS Ocean Acidification & Impact on Coral Reef



MONGOOS
Data
Integration:
Gliders
Vanessa
Cardin &
Alejandro
Orfilia



IMOS Tracking of priority species

Rob Harcourt/ IMOS PPTN

What Do GRAs Expect From GOOS?

GRF-IX Survey

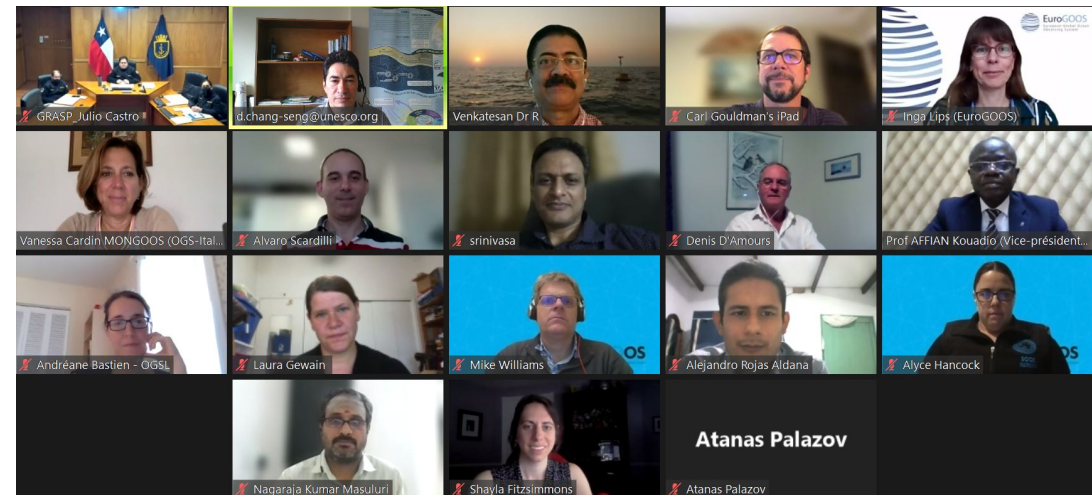
3. Expectations from the GRA Forum:

Most of the GRAs (70-75%) have high expectations from the GRA Forum

- Opportunity to understand the status of different GRAs and discuss how GRAs can align in delivering according to GOOS principles / strategy
- Learn from other GRAs success, best practices and challenges
- The Forum helps to ensure effective coordination among GRAs, as well as in identifying common interest for project collaboration with other GRAs
- Strengthen collaboration with JCOMM (WMO IOC Joint Collaborative Board), IOC and WMO.



GRA-X Forum Session 1 & 2



What Do GRAs Expect From GOOS?

Opportunities

- Importance of harnessing national efforts *“Harnessing the Power of National Capabilities and Multi-national Collaborations.”*
- Explore and map out existing capabilities, partners within the region that is not currently engaged with the GRA structures.
- Recognition by IOC of the GOOS Regional Council. It can help strengthen the foundation of the GRA.
- GRAs have expressed interest to contribute to the three GOOS Decade programmes, however there is a lack of clarity on how to do that exactly.

What do GRAs expect from GOOS?

Ideas Across GOOS Proposed Decade Programmes

Observing Together

• **GRASP** Increase our interaction to improve current observation programs

• **MONGOOS** Transfer of Technological and Scientific knowledge from Europe to Africa. This can be done through joint projects, summer schools and workshops, data sharing

• **USIOOS** Keep working with EOVs, EBVs, etc.

• **IOGOOS** Observations and Capacity Building International Indian Ocean Expedition (IIOE)-2

• **IMOS** Work with partners (e.g. CSIRO and BOM) to investigate how we can provide knowledge and capacity to our regional neighbors



What do GRAs expect from GOOS?

Ideas Across GOOS Proposed Decade Programmes

Ocean Observing Co-Design

- **GRASP** Take advantage of new technologies to improve ocean observation

- **MONGOOS** Discuss to share experience and knowledge with the community

- **USIOOS** Develop Use Cases (BOOC) - Best practices and partner across programs to share

- **IMOS** IMOS stands ready to discuss potential co-design principles and is ready to share experience and knowledge with the GOOS community as required.



What do GRAs expect from GOOS?

Ideas Across GOOS Proposed Decade Programmes

CoastPredict

- **GRASP**

Strengthen partnerships to improve tidal and wave forecasts

- **MONGOOS**

MONGOOS endorsed the program and looks forward to discuss at Mediterranean level

- **USIOOS**

Coordinate on global to coastal modeling and integrating predictions at all timescales

- **IMOS**

IMOS looks forward to discussing the CoastPredict concept at global and regional levels and notes the increased coastal focus in IMOS' forward strategy.

- **Specific to broad expressions to participate, but also uncertain how to engage**

END



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