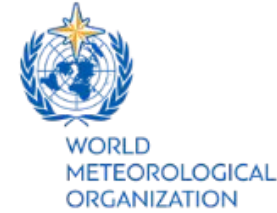




The Global Ocean Observing System



# Observations Coordination Group

**David Legler, OCG Chair**

OCG Team: Emma Heslop, Jon Turton, Juliet Hermes, Kevin O'Brien, Champika Gallage, Dominique Berod, Zulfikar Begg, Mathieu Belbeoch, YU Ting, Ann-Christine Zinkann

**GOOS 12th Steering Committee meeting 25 - 27 April 2023**

# Achievements and Highlights



## Status of the Observing system:

- Recovering from COVID gaps



## Remaining gaps:

- Indian Ocean (RAMA, Argo, Drifters)
  - US committed \$2.5M to replace lost RAMA/PIRATA moorings
- New TAO TPOS buoys

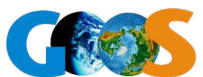


## New capabilities coming online:

- BGC-Argo
- More gliders
- etc.

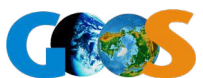
# Highlights and Accomplishments

- OCG led substantial GOOS engagement (OCG, OceanOPS, OOPC) with WMO in their Rolling Review of Requirements (RRR) process. **GOOS, ETOOFS, OOPC, and potentially BGC Panel will now have stronger role in RRR and WMO Statements of Guidance**
- GOOS request to be considered in **WMO GBON** (approved by GOOS SC)
- 3 Emerging networks transitioning to **mature status**; engaged several new potential networks
- OCG **Data implementation strategy** under review with OCG networks
- Progress on **metadata standards** across networks [OceanOPS]
- 6 **Best practices** endorsed, 3+ in process
- **Report Card** - moving cross GOOS [OCG/OceanOPS leading]
- Published the **OONJ Workshop Report** ([GOOS Report No. 246](#))
- Continued **capacity development** Webinar Series & **in-person** workshop in June
- **OceanOPS** strategic plan on track



# Future plans and Opportunities

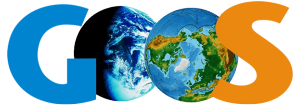
- **Implementation** of OCG data strategy to move towards seamless, integrative, and equitable data access - OCG is a central player
- Development of **metrics** for OCG **network maturity**
- **GOOS/MTS Dialogues** - lower barriers and increase industry partnership
- Consideration of ocean networks in **WMO GBON**
- **System Evolution**: Observing technology development, assessment, and infusion across networks
- Improving **engagement and feedback** (e.g. UN Decade activities)
- Effective interaction between **GOOS panels**
- **OCG-14** Meeting, June 2023, Capetown, Africa
  - 2 Workshops & in-person outreach activity



# Requests/Actions/Issues

- **Defining the ocean observing system:** OCG would like to work with other panel networks to refine observing system attributes and maturity standards/attributes
- **Observing Costs on the rise:** GOOS should improve and increase messaging on importance of ocean observing and impacts of constrained resources, SC - do we need a strategy to seek additional support directly from funders?
- **Requirements and WMO:** across GOOS need better understanding of/engagement with WMO RRR and SoG processes (SC - need more GOOS clarity on its roles in defining/use of “requirements”)
- **Priorities:** SC - What are the most important strategic activities and connections?
- **OceanOPS:** operating on tight budget with little room for growth to fill growing gaps and needs from the community





The Global Ocean Observing System

# Thank you

[goosocean.org](http://goosocean.org)



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