



The Global Ocean Observing System



SC 14 Decisions

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14th GOOS Steering Committee meeting (SC-14) | 19-21 February 2025 | Paris, France

SC-14 Decisions.

The SC:

Session 1 - Opening

- **Recognised that the actions and activities discussed at the meeting and described in the GOOS work plan require support and can only be undertaken with appropriate resourcing.**
Welcomed the updates on the work undertaken by GOOS and its expert panels.
- Supported the undertaking of a joint panel meeting in 2026.
- Welcomed and approved the new co-chair Audrey Darnaude of the BioEco panel.
- Recommended that the SC and relevant WMO representatives discuss (in 2026) the topic of the WMO observations impact workshop in preparation for the next workshop.



SC-14 Decisions

Session 2 - Observation system design and development

BIODIVERSITY PLAN

- Recognised the importance of engaging with the IOC (including OBIS), DCO-OO and other Decade offices and programmes, in the development of the biodiversity plan to support implementation along the value chain and for engagement with, and understanding of, the needs of partners.

GOOS CARBON PLAN

- Welcomed progress on the development of the GOOS Carbon plan and acknowledged its importance in the GOOS response to the GCOS IP and the WMO G3W (*as also requested by the G7FSOI*)
- Encouraged the BGC and other panels to engage with the Ocean Enterprise Initiative on carbon sensor technology development.

OCEAN INDICATORS

- Recognised the importance and need to continue the work undertaken by members of the OOPC and other partners on indicators.



SC-14 Decisions

Session 2 - continued

RRR/GBON

- Welcomed the lead taken by the GOOS office on the WMO Rolling Review of Requirements (RRR) Ocean Earth System Application Category (ESAC).
- Identified the following SC members will support the review (by end Q1 2025) of the Ocean pilot Statement of Guidance developed for the WMO RRR process: X,X,X (SC Members tbc)
- Requested that GOOS colleagues work with WMO and IOC colleagues to communicate the outcomes of the work on the RRR.
- Welcomed the outcome from the WMO/IOC Joint Collaborative Board to expand GBON.
- Decided to hold a virtual meeting (Q2 2025) to identify the opportunities and level of engagement by the SC in the work on GBON expansion and the JCB GBON task team.



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Session 3 - Strengthening data integration and delivery

The SC:

- Asked the IOC data architecture working group that will be set up under the auspices of the IOC to:
 - Articulate what this architecture will enable the community to do that has not been able to do before, to develop a more useful diagram to represent the architecture (what it actually is, how it connects together communities), and what the benefits are.
 - Define what the architecture will require of all.
 - Maintain open connections to GOOS, including to the Ocean Decade Data Group, WIS2, GRAs, national data nodes to provide feedback/consider functionality.
 - Provide advice on resource needs.
- Noted that demonstration 'products' will help make visible the benefits of ocean observation.



SC-14 Decisions

Session 5a - Projects and Partners

PROJECTS AND PROCEDURES

- Recommended the task team on this topic to revise the proposed approach to GOOS projects based on discussions and provide the revised proposal to the GOOS SC by the **end of March 2025** for review.

SATELLITE COMMUNITY ENGAGEMENT

- Identified the importance of collaboration with the satellite community including opportunities for:
 - Collaboration with CEOS via COAST.
 - Focussing on Early Warning Systems such as marine heatwave as a possible early area for specific interaction between GOOS and CEOS.
- Requested the GOOS office initiate strategic bi-directional exchange between the satellite and GOOS communities, such as on surface proofing needs for satellite missions and constellations.



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Session 5a - Projects and Partners

PRIVATE SECTOR ENGAGEMENT OPPORTUNITIES

- Decided to establish a task team with the following members: Patrick Gorringer, Pooja Mahapatra and Bala Nair, supported by the secretariat (Emma Heslop), to prepare a GOOS strategy for engagement with the private sector (**by end September 2025**) for presentation to the SC.
- The GOOS community are strongly encouraged to use the Ocean Decade as a tool to deliver individual tasks and activities (Contact DCO-OO, Terry McConnell).

OCEAN BEST PRACTICES SYSTEM

- The SC, taking into consideration the changes in GOOS approach to projects and the relevance of OBPS to all IOC programmes, called on IOC to consider OBPS as an IOC-wide activity and on IOC programmes (global and regional) to co-fund OBPS, with GOOS and IODE.



SC-14 Decisions

Session 5b. Outreach: Communications

- Welcomed the ongoing work on the communications toolkit and the new GOOS brand guidelines.
- Welcomed the approach for the GOOS report card 2025 and identified a number of themes that could be considered noting a need to limit this number due to space constraints (Early warnings and El Nino (Mathias Sifon and BMKG offered to be contact points); Ocean indicators; Ongoing investments in ocean infrastructure; AniBOS development in real time data; Growth of local and regional observing systems). It encouraged its members to:
 - provide any further feedback on the discussed questions and themes for the card by the **end of February 2025**
 - identify a contact point for suggested topics
 - Volunteer if they wish to be involved as part of the content review team (**review planned for June-July**).
- Noted that the report card should show the Member States contributing to GOOS and the number of networks supported by each Member State.



SC-14 Decisions

Session 6a. System implementation at national and regional level

NFP / GRA

- Decided to form a task team with the following SC members: Matias Sifon, Alvaro Scardilli and Caroline Cusack, as well as Champika Gallage from the WMO, supported by the secretariat (Jing Li), to develop a proposal for NFP implementation guidelines (by 30 Sep 2025).
- Encouraged the GRA council to propose some application areas (and leverage these to their alliance members and wider GOOS components) in 2025 and support data access and delivery to GOOS at regional and national level and report increases in data flow and national-level engagement to GOOS.
- Recommended a virtual meeting (in 2025) between members of the GOOS SC, GRA council, the OCG and relevant GOOS Decade Programmes to discuss a mechanism for strengthened engagement and data sharing.
- Requested the GOOS SC regional representatives to connect with GRAs and NFPs in their regions to optimise engagement with GOOS by these GRAs and NFPs as much as possible.
- Recommended that GRA representatives upload their meetings onto Ocean Expert.
- Recommended that GOOS hold a GOOS conference in 2027 including with GRA, NFP, GOOS SC, panels and other relevant stakeholders



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Session 6b. System implementation and applications

ETOOFS

- Proposed to form a task team with the following members: ETOOFS co-chairs, Patrick H, David Legler, Caroline Cusack, Vero Garcon, Jerome Aucan (tbc), WMO representative, supported by the secretariat (Jing Li), to identify the role of ETOOFS vis a vis GOOS and to agree a revised ToR for ETOOFS and its membership (**by end May 2025**). The task team will consider, inter alia, how to:
 - Advice on OO needs for upstream and downstream
 - Optimise OO system design
 - Define and certify standard services, eg in GBON
- Recommended to invite representatives from the broader ocean and climate modelling communities to participate in ETOOFS (e.g. [WCRP ESMO](#)).



SC-14 Decisions

Session 6b. continued

GOOS DECADE PROGRAMMES

- Welcomed the progress that the Ocean Observing Co-Design and Coast Predict programs have accomplished over the past year.
- Invited the secretariat to organise a virtual update session (in Q3/Q4) to communicate and discuss the key advances in the GOOS Decade Programs and opportunities to weave learning into GOOS.
- Encouraged the programs to seek collaborations with NFPs and GRAs.

Additional considerations

EARLY WARNING FOR ALL

- Decided to form a task team, led by Dwikorita Karnawarti with 3 additional GOOS SC members (members tbc) to make a proposal (by 30 September 2025) for how to raise the profile of EW4ALL and look at entry/collaboration points for GOOS (recognising that involving GOOS in pillar 2 of EW4ALL was identified by the JCB as an important collaboration need).



SC-14 Decisions. The SC:

Session 7

- Noted the planning to finalise the documentation for the IOC Assembly-33 (June 2025) by the GOOS secretariat (GOOS SC workplan 2025-2027 and proposal for GOOS reform). It noted that a draft of the workplan will be coordinate with executive members of GOOS and shared with the GOOS SC **by end March 2025 for review and finalisation by end April 2025.**
- Welcomed the decision by the WMO INFCOM in 2024 (**add WMO decision ref**) for a GOOS SC co-chair to report GOOS progress to future INFCOM meetings, as relevant.
- Noted that it will hold 4 meetings per year (1 every quarter): 1 in-person meeting in Q1 and 3 virtual meetings. The next meeting will be in April 2025.
- Noted the work of the IOC on Sustainable Ocean Planning and Management.





The Global Ocean Observing System

Thank you

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