



17th GOOS Observations Coordination Group (OCG-17) Meeting

The **Seventeenth Global Ocean Observing System Observations Coordination Group Meeting (OCG-17)** will take place from **11 to 14 May 2026 in Valparaiso, Chile**. Graciously hosted by the Chilean Navy Hydrographic and Oceanographic Service (SHOA) .

The Observations Coordination Group meeting will take place over 4 days and include updates from the GOOS Reform process, the observing networks, and from actions across the OCG foci areas, towards setting a new vision and objectives for the OCG and 2026-2027 work. The meeting will include a dedicated session run by our hosts focused on Chile and regional ocean observing. This will provide opportunities for regional entities to engage and exchange with network experts.

Please note that each OCG network is expected to provide a network report and a short presentation. **Network reports should be submitted by Monday April 20, 2026.**

OBJECTIVES

- Outline where OCG wants to be in 2030 - considering GOOS Reform, existing and new lines of work (foci)
- Consider OceanOPS draft five-year Strategic Plan 2026-2030, agree OceanOPS WorkPlan
- Assess development of emerging Observing Networks
- Test, refine and adopt a set of functioning network metrics
- Discuss and adopt the GOOS minimum metadata passport
- Support connections between regional initiatives and GOOS network activities
- Review ambition and role for best practices and the OBPS
- Enhance OCG-modelling community connections
- Assess cross network observing system design

BACKGROUND DOCUMENTS to be uploaded in this [folder](#) following deadlines below

- Network report documents (Deadline: April 20 - template [here](#))
- Network presentations (Deadline: May 09 - template [here](#))
- OceanOPS Annual Plan & Budget (Deadline: April 28)
- Outline for the new OceanOPS 5 Year Strategy and initial findings (Deadline: April 28)
- WMO Statement of Guidance Summary (review temperature, sea level and xx, for session on cross-network design)

ANTICIPATED OUTCOMES

- Identification of new lines or work/foci, with actions
- WMO and GOOS updates what it means for OCG future thinking. OCG planning for role evolution under GOOS Reform, with resource estimate
- Identify approaches to cross-network design and role OCG
- GOOS minimum metadata 'passport' adopted across Networks
- OCG 2026-2027 Work Plan and OceanOPS Workplan approved

Please make sure to check the outline agenda, and the detailed agenda for speakers and key questions that will be addressed. An emphasis has been placed on having time for discussion through breakout groups at this OCG meeting, and key discussion areas anticipated will be around OceanOPS strategic plan, data, requirements and cross network design, network metrics and .

Logistics are [HERE](#)

- For any local information and help please contact Matias Sifon [msifona@gmail.com]
- For OCG related inquiries contact Taihyun Kim [ta.kim@unesco.org], with Champika Gallage [cgallage@wmo.int] Emma Heslop [e.heslop@unesco.org] in cc

Timetable Overview				
Time	Monday [May 11]	Tuesday [May 12]	Wednesday [May 13]	Thursday [May 14]
9:00 - 10:30	1. Opening (20 mins) 2. OCG Update (20 mins) 3. IOC/GOOS Update (50 minutes) maybe add 30 minutes somewhere else if needed	Emerging networks (don't have to be grouped with other networks) 5. Standards and Best Practices Breakout groups on 2-3 topics	9. Modelers/AI in ocean observations for enhancement impact 5. Breakout Group Reporting back	15. Revision of future focus, priority setting. . Vision for OCG in 2030 [breakout discussion set up] 14. OceanOPS revisited (and do we need data revisited)....
Coffee break (10:30 - 11:00)				
11:00 - 12:30	3. WMO Update (15 minutes) ??? (1 hour 15 minutes) EOC views or data	6. OceanOPS (1.5 hour) Summary of report OceanOPS 5 year strategy Service Level Agreements	10. Cross network design - exercise 11. Communications (30 minutes) (possibly shift to before lunch and start lunch at 1300)	15. Actions, next steps...
Lunch break (12:30 - 14:00)				
14:00-15:30	4. Networks reporting (4 plus 25 mins discussion)	7. OCG Data Strategy	12. Regional session Starting with a GOOS overview	16. Summarized Actions & Next steps

Coffee break (15:30-16:00)				OCG-18 and closing
16:00-17:30	4. Emerging Networks + 10K Ships	7. EOV Views 8. Metrics and maturity index	Regional Sessions and tour?.... Maybe regional scientists invited	
17:30 Start	Group dinner	Swim & a walk		

17th Observation Coordination Group (OCG-17)

Detailed Agenda

DAY 1 - Monday 11 May 2025 | 09:00 - 17:30 (In local time UTC-3)

Chair: Juliet Hermes

1. Welcome (20 min)

Captain Carlos Zuñiga (TBC)

Juliet Hermes OCG Co-Chair

Matias Sifon (TBC, logistics, regional workshop)

2. OCG Update from the Chair (20 mins)

Aims: Set stage for the meeting, including review OCG advances and achievements in the intersessional period, events and changing environment, importance of the OCG mission, outlook of Chairs and work ahead for the session.

Presentation: Juliet Hermes

3a. IOC/GOOS Update (1 hour 20 mins)

Aims: Introduce top level elements from IOC Medium Term Strategy and the outcomes from the GOOS Steering Committee regarding the GOOS Reform, particularly pertaining to OCG and its evolution to OCG 2.0 - reflections on what is in line with current OCG work and where larger gaps. Input from the GOOS Expert Panels for the OCG.

Reflections on key considerations for the OCG.

Presentation: Joanna Post (remote)/Emma Heslop

Discussion questions:

COFFEE BREAK

3b. WMO Update [10 min presentation + 10 min discussion]

Aims: Introduce items from INFCOM Management group meeting, JCB and WMO new (draft) Strategic Plan (2028-2031) relevant to the OCG and its evolution. Reflect on how those priorities apply to OCG.

Presentation: Champka Gallage

Discussion questions:

- GBON requirements and contribution from OCG networks
- Network data centers willing to pilot WIS2.0 implementation
- Network visibility through WMO Measurement Standards (WMO-No.8)
- Impact of observations (Impact workshop Q4 2027)

4. Network reports (55 mins - 4 x 7 mins + 25 mins discussion)

Aim: To highlight networks key achievements 2025-2026, report against metrics and identify priority challenges the networks are facing. Additionally for the networks to highlight how the OCG can support and any topics for the OCG to consider.

Profile group: Argo, Glider, XBT-SOOP, AniBOS (7 min each)

Presentation Argo:

Presentation Glider:

Presentation XBT-SOOP:

Presentation AniBOS:

Discussion questions:

- Informed from reports

LUNCH

PM Chair:

4. Networks reports (continued) (30 mins - 2 x 7 mins and 15 min discussions)

Multivariable/Decadal Group: OceanSITES, GO-SHIP

Presentation OceanSITES:

Presentation GO-SHIP:

Discussion questions:

- Informed from reports

4. Networks reports (continued) (55 mins - 4 x 7 mins each (ASAP 3 mins with VOS) and 25 min discussions)

Weather/warnings Group: Moored buoys, global drifter array, tsunameters, VOS/ASAP

Presentation Moored buoys:

Presentation Global Drifter Array:

Presentation Tsunamimeters:

Presentation VOS + ASAP:

Discussion questions:

- Informed from reports

BREAK

4. Networks reports (continued) (30 mins, 2 x 7min and 15 min discussions)

Coastal Group: HF-Radar, GLOSS

Presentation HF-Radar:

Presentation GLOSS:

Discussion questions:

- Informed from reports

4. Emerging Networks (55 min - 4 x 7 mins and 25 min discussions)

Aim: To highlight key achievements by the emerging networks, and particularly how they are reporting against the metrics, what challenges the networks are facing, how can the OCG improve its support, and key topics or questions for the OCG to consider.

Presentation FVON:

Presentation SmartCables:

Presentation SOCONET:

Presentation SUNFleet:

Discussion questions:

- Informed from reports

Final Presentation other emerging initiatives - 10K Ships - 7 mins

Presentation: Mathieu Belbeoch

Brief overview of next day breakout and other sessions - OCG Chair/Secretariat

Identify topics and add any additional.

DAY 2 - Monday XXX 2025 | 09:00 - 17:30 (In local time GMT+2)

AM Chair:

5. Vision for OCG in 2030 - breakout work (1.5 hour)

Participants online and in person break into work groups around topics that interest them. There are 6-7 topics that OCG has considered but not in depth that could represent future areas of work. We will select 3 or 4 priority areas and have 1.5 hours in breakout teams to articulate what the challenge is that we are addressing, where we want to be (OCG/networks) and potential actions.

Topics identified include:

- relationship with private sector,
- responding to requirements,
- reaching deeper into observing communities - regionally
- Work to create consistency with BioEco community
- Operational/other connection with modelling community
- AI in observing - networks, prediction, QC, likely impacts on system
- Should we define methods to measure and communicate the societal and economic impact of observing networks - if so how
- Other topic?

Led by:

COFFEE BREAK

6. OceanOPS (1.5 hour)

Aim: The session will cover the reporting out of OceanOPS on its activities across the intersessional, in brief with full report available, and outline of the workplan for the 2026-2027 period with any questions for the networks and OCG. In addition, and to inform the work plan, the Network Service Level Agreements for 2026-2027 will be reviewed. Finally, this session will again look ahead with a presentation on an initial outline for the new OceanOPS 5 Year Strategy, based on findings from a series of interviews with stakeholders, consideration of the GOOS Reform, and the next steps towards completion will be outlined for discussion and comment.

Background documents/presentations:

- 2025-26 achievements
- 2026-27 workplan
- 2025 financial report

- Stakeholders list and questions
- SLA documents on-line

OceanOPS Report in brief: Mathieu Belbeoch

Service Level Agreements: Ann-Cristine Zinkann, with OceanOPS

Discussion questions

OceanOPS 5 Year Strategy outline: Consultant

Discussion questions:

- review of timeline
- review of questionnaire
- review of stakeholders list to be interviewed
- recommendations from OCG Networks.

LUNCH

PM Chair:

5. Breakout groups report back (45min) (4 x 5 mins reporting 25 mins discussion)

Aims: each breakout group reports back on outcomes and group discusses and refine suggestions.

Presentations

Discussion questions:

7. OCG Data Strategy (45min) [10 min + 5 mins presentations + 30 min discussion]

Aims: This will highlight the progress made in the intersessional period by the OCG Data Task Team and all the collaborators across the key work areas of minimum metadata requirements and global data endpoints, in the context of progress towards the OCG Data Strategy and what the result of these key and individually detailed work areas is leading towards. Including an update on discussion work across GOOS with the BioEco Panel and OBIS in aligning minimum metadata and starting to facilitate cross GOOS metadata exchange. The OCG will be asked to adopt the minimum metadata requirements (Passport) and to provide guidance on further implementation of both the minimum metadata passport and the global data endpoints, as well as communication and connection of these initiatives to GOOS, WMO, IODE, and other stakeholders.

It will be important to ensure that the network leadership are clear regarding:

- endorsed minimum metadata requirements (passports)
- implementation of ERDDAP at data endpoints
- identify networks/areas where assistance is needed (metadata or data endpoints)

And to identify ways in which GOOS/OCG and IODE could be better aligned

- “Submit Once”
- data pathways towards IODE data products (WOD, OBIS, etc)

Presentation OCG Data Work: Kevin O’Brien

Presentation IODE and GOOS/OCG alignment: Adam Leadbetter, IODE XXX

Discussion questions:

Where to the networks need assistance in carrying out implementation of:

- Passport metadata and exchange with OceanOPS?
- ERDDAP services for at least one global data endpoint?

How can GOOS and IODE be better aligned?

- For example, some networks are required to submit data/metadata multiple times to satisfy national requirements. How can GOOS and IODE work together to eliminate this redundancy?
- What other areas of cooperation would be useful?

COFFEE BREAK

7. EOJ Views (45 mins - 10 mins presentation - 35 mins discussion)

Aims: To look at an initial EOJ view demonstrator from OceanOPS, and consider key questions around the purpose of the ‘EOJ views’, their limitations and dependencies, and different audiences. There is general agreement that they should provide GOOS and ‘others’ with the ability to assess the observing system for adequacy, however should this be by application overall e.g. Global Basic Observing Network specification (GBON) or on the fly for many questions.

Presentation: Ann Christine Zinkann & Tomas Latter

Discussion questions:

- What are the primary audiences
- What would be our first pilots/examples
- What is the role of AI?

- What needs to function better or be resolved before this is possible?

8. Metrics and maturity index (30 mins, 10 mins presentation, 20 minutes discussion)

Aims: To review the implementation and communication of the emerging and mature definitions for the OCG attributes, to review the effectiveness of the reporting for the metrics for OCG-17. The discussion should focus on finalising the metrics, such that they can be adopted by the OCG and then focus on what will be useful as health indices.

Presentation: Signe (online)

Discussion questions:

- What were the problems encountered by the networks or by OceanOPS TCs in reporting using the new metrics?
- Do the metrics appear fair/representative of the attributes and networks, can we adopt them, if not what do we need to change?
- Are the health index suggestions read to test?

Wrap up day 2

DAY 3 - Monday XXX 2025 | 09:00 - 17:30 (In local time GMT+2)

AM Chair: XXX

9. Engagement with users/modelers to enhance the impact of networks (1.5 hours - 5 Panel members, each with 5 slide overview of thoughts and then discussion around key questions)

Aims: At OCG-16 a specific session engaged with weather and coastal prediction organisations, who had some ideas and requests regarding data/observing requirements, including latency. This session OCG will invite some of the same groups back, however look to have a panel session with the user/prediction representatives and consider a set of key questions to reach some conclusions for the OCG.

Panelists: Vijay Tallapragada , Hao Zuo, Stefano Ciavatta, Nadia Pinardi

Discussion questions:

- What observations do you most keenly require
- Does the WMO Statement of Guidance for your area represent your needs sufficiently?
- Which OCG network observations are assimilated in models

- How can we establish and maintain a 2 way flow of information and what should this focus on?

COFFEE BREAK

10. RRR and cross network design (need network input into this at Roundtable) 1.5 hour more workshop than discussion

Aims: consider how to look at cross network design and discuss conclusions. The exercise will focus on concrete recommendations, namely the outcomes from the ongoing IOC-WMO joint Collaborative Board sub group on Global Basic observing Network /GBON. The first output from this group is to recommend subsurface temperature and sea level are added to SST and SLP as the ocean variables in WMO GBON. Taking the gaps identified in the Statements of Guidance - what would be our cross network recommendations to nations for action towards fulfilling GBON. Specifically ask networks for examples where this is already being done. If needed we can use concrete use-case examples that would make the discussion on network design more compelling. For instance, El Nino prediction, forecasting of storm surge, or tropical cyclones requires a wide range of observational data.

Presentation

Discussion questions:

LUNCH

PM Chair:

11. Communications GOOS / OCG (30 mins, 10 mins and 5 mins presentations, 16 mins discussion))

Aims: Overview of GOOS actions in communications and how they relate to communicating about networks and OCG work, including the GOOS Observing System Status Report 2026. Plus consideration of OCGs communications tools, Status Report, GOOS Web site, OceanPS Web Site, Specification Sheets, Case Studies -

Presentation GOOS: Laura

Presentation OCG: Ann/Emma

Discussion questions:

How can we better communicate our work and who are the audiences

12. Regional session (TBD)

Regional Sessions and tour?....

Maybe regional scientists invited

Aims:

Presentation

Discussion questions:

DAY 4 - Monday XXX2025 | 09:00 - 17:30 (In local time GMT+2)

AM Chair: XXX

13. Standards and Best Practices (S&BP)

Aims:

[X min presentation + X min discussion]

Presentation

Discussion questions:

14. OceanOPS Strategy revisited...

15. Revision of future focus, priority setting.

Aims:

[X min presentation + X min discussion]

Presentation

Discussion questions:

15. Summarized Actions, planning, next steps

- Prioritise
- TTs
- OCG
- Intersessional roundtables,

Aims:

[X min presentation + X min discussion]

Presentation

Discussion questions:

OCG-18 and closing

