

4th OceanPredict Executive Committee meeting

OPEC-4

28 May 2025

12 UTC

Attendance

No	Name	Name	Affiliation
1	Santha	Akella	NOAA
2	Stefano	Ciavatta	MOi
3	Stephanie	Cuven	MOi
4	Fraser	Davidson	ECCC
5	Marie	Drevillon	MOi
6	Yosuke	Fujii	MRI-JMA
7	Chris	Harris	Met Office
8	Alexander	Kurapov	NOAA
9	Pierre-Yves	Le Traon	MOi
10	Kristian	Mogensen	ECMWF
11	Elisabeth	Remy	MOi
12	Gregory	Smith	ECCC
13	Kirsten	Wilmer-Becker	Met Office
14	Liuqian	Yu	University of Hong Kong

Agenda

1. OP24 paper in BAMS and Call for action to advance ocean prediction capabilities for the benefits of society (for UNOC townhall)

- If you can please read the text of the call before the OPEC meeting available at this link : [call for mobilization V1-OPEC.docx](#) (revision mode only, when adding a feedback please add a comment with your name) – 10 min to discuss feedback from OPEC

2. OceanPredict session proposal for [OceanScience](#) (attached) – 5 min to discuss feedback from OPEC

3. News from OPST co-chairs (10 min)

- Greg to take over from Fraser as co-chair
- Considering Nov. OPST meeting in St. John's, Canada.

4. Other news from the network (10 min)

- INCOIS summer school (Hyderabad?) in 2026 (Sep-Oct?)
- Situation with the US. Peter Oke proposing to lead review paper considering impact of loss of US Argo. Seeking contributions.

5. Brief updates (if any) from TTs and discussion (20 min)

- AI-TT meeting to take place in June
 - Fabrice to step down from IV-TT, Seeking two co-chairs for IV-TT
 - Progress of the OPOS-WG (OP-DCC atlas, national reports)
 - COSS-TT meeting in Brest in June
 - TT co-chairs concerns or plans for the next months related to other TTs
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Discussion summary:

1. OP24 paper in BAMS and Call for action to advance ocean prediction capabilities for the benefits of society (for UNOC townhall)

Marie stated that the BAMS paper has now been submitted but it is still unclear how long the publication process will last. She pointed out the need to receive the copyright forms and will contact authors who have not send the form yet.

Marie also highlighted the “Call for action” which will be presented at [2025 UN Ocean Conference](#) in Nice. The document is almost finalised, but Marie would still invite comments and input from the OPEC.

Action 1 (relevant until 28 May 2025): Please provide comments and revisions to the Call for action visiting [call for mobilization V1-OPEC.docx](#) (revision mode only, when adding a feedback please add a comment with your name).

The document needs to be well written and convincing.

In the long term it is planned to translate the “Call for action” into an OP implementation 5-year plan to establish OP as a global player in ocean prediction.

2. OceanPredict session proposal for Ocean Sciences Meeting (Feb 2026, Glasgow)

The proposed session is looking to engage a broaden audience and not just OceanPredict members. Ocean prediction in general has not been very well represented in past ocean science meetings and so this could be an opportunity for reaching out to new colleagues and organisations. The session provides an OP science focus. Other OP related sessions, such as MER-IP, SynObs or marine ecosystem modelling could either stand alone or could be integrated with the ocean prediction session. Stefano will submit the marine ecosystem modelling session which draws on the MEAP-TT, NECCTON and maybe the Marine Life 2030 programme. How the session will be coordinated will depend on how the meeting organisers structure the schedule. Most OPEC members approved the current version of the proposal.

Action 2 (relevant until 28 May 2025): Please provide further comments and revisions to the proposal (in Annex A) if required.

3. News from OPST co-chairs

- Greg to take over from Fraser as co-chair
- Considering Nov. OPST meeting in St. John’s, Canada.

It is anticipated to hold the next OPST in person meeting in St John's, Newfoundland in Nov 2025. We expect the weather situation to be well manageable. The reason for holding the meeting is the need to have another longer in-person meeting after the short one-day meeting in Paris. As not all OPST members are present at the OPEC meeting we will run a poll about whether the dates (most likely the first or last week in Nov) are suitable for most. It was highlighted that a G7 FSOI meeting will be happening in Canada (Ottawa) in Nov which we should consider when choosing dates. Fraser/Greg will advise on the G7 meeting dates.

Action 3: KWB to send poll to gather feedback on the OPST meeting dates, either in Nov or if not possible spring the next year.

4. Other news from the network

- INCOIS summer school (Hyderabad?) in 2026 (Sep-Oct?)

Francis Pavanathara proposed to organize the next OP summer school at INCOIS in autumn 2026. We will now have to prepare for this event by identifying lectures and planning for the schedule.

Action 4: KWB will contact Francis to discuss the next steps and plans for the summer school and will inform the OPEC.

- Situation with the US. Peter Oke proposing to lead review paper considering impact of loss of US Argo. Seeking contributions.

The potential loss of US Argo has led to Peter Oke preparing a review paper on the impact of the loss of US Argo. Greg is suggesting the everyone who would like to contribute to contact Peter directly. However, there is concern about being to rash about this and that it should be considered to work on the impact of One Argo which would include US Argo loss, especially with a focus on what impact this will have on applications and users. Also, we should check with David Legler if initiatives on the loss of US Argo are initiated and ask for his advice of how to coordinate this. Not only the reduction in float numbers but also the distribution bias must be considered. When available the papers or other additional information would need to be channeled to the Argo funding executive level to be effective. It could be considered to use IOC to transport the message. Peter seems to already have a plan of how best to communicate the outcomes so best to get in touch with him. This should not only be addressed to the US but to all contributing countries to do more to mitigate the impact of Argo loss.

Action 5: Greg to send an email to Peter to discuss the Argo paper (see discussion points above).

5. Brief updates (if any) from TTs and discussion

- AI-TT meeting to take place in June – Mon, 16 June 2025, 13 UTC, by invitation only
- Fabrice to step down from IV-TT, Seeking two co-chairs for IV-TT – is being discussed
- Progress of the OPOS-WG (OP-DCC atlas, national reports) – in progress
- COSS-TT meeting in Brest in June

Alex provided a brief overview of the current status of the COSS-TT meeting plans. We have 70+ participants attending in person, 35 oral presentations (15+5), discussion sessions and posters. Alex thanked Guillaume Charria who is hosting the meeting at Ifremer for the generous support. Information about sessions/themes and other info is available on the [OP website](#).

A breakout slot at the COSS-TT is still to be filled with questions for discussion. Alex is asking all OPEC members to suggest topics or questions that could be addressed there. It would be good opportunity to gather feedback on OP and specifically COSS-TT activities and plans from the community.

- TT co-chairs concerns or plans for the next months related to other TTs – nothing was raised

Yosuke highlighted that the OSEval-TT and SynObs are starting to share OSE/OSSE results via a domestic server. He would like to invite OPST members to get the data and start analyzing observation impacts.

3. Next meeting

The next meeting will be scheduled for September 2025. To prepare we are planning to get the TT/WG co-chairs involved in drafting the agenda. The plan is to have to focus more on TT activities and possibly to discuss the 5-year plan.

Meeting recording can be accessed here:

<https://oceanpredict.org/docs/Restricted/OPEC/Meetings/May-2025/OPEC-meeting-28May2025.mp4>

Appendix A:

The Science of Ocean Prediction – OSM26 session proposal:

As climate variability and human impacts on the ocean intensify, accurate and timely ocean prediction has become increasingly vital. The ocean shapes weather, ecosystems, and the global economy, making reliable forecasts essential for disaster response, maritime safety, fisheries management, coastal planning, and environmental risk assessment. Advances in ocean prediction are required to enable better protection of lives, livelihoods, and ecosystems.

This session invites innovative research and applications advancing ocean prediction at all temporal and spatial scales from coastal to regional and global. We welcome submissions on the use of ocean observations—including in situ platforms, and satellite remote sensing—to characterize ocean state and variability. Research on advances in high-resolution physical, biogeochemical, and ecosystem modeling, as well as data assimilation techniques that enhance prediction skill, is encouraged.

We seek contributions on forecast verification, validation, and uncertainty assessment, including studies using independent datasets, novel metrics, or ensemble approaches. Submissions on operational and research products, such as state estimates, forecasts, reanalyses, and communication tools for stakeholders, are also welcome.

Organized by the OceanPredict programme, this session provides a forum to share insights, address challenges, and foster collaboration to advance ocean prediction science. Contributions from all relevant disciplines and sectors are encouraged.