

# Meeting Minutes

## Northern Oceans Region Panel



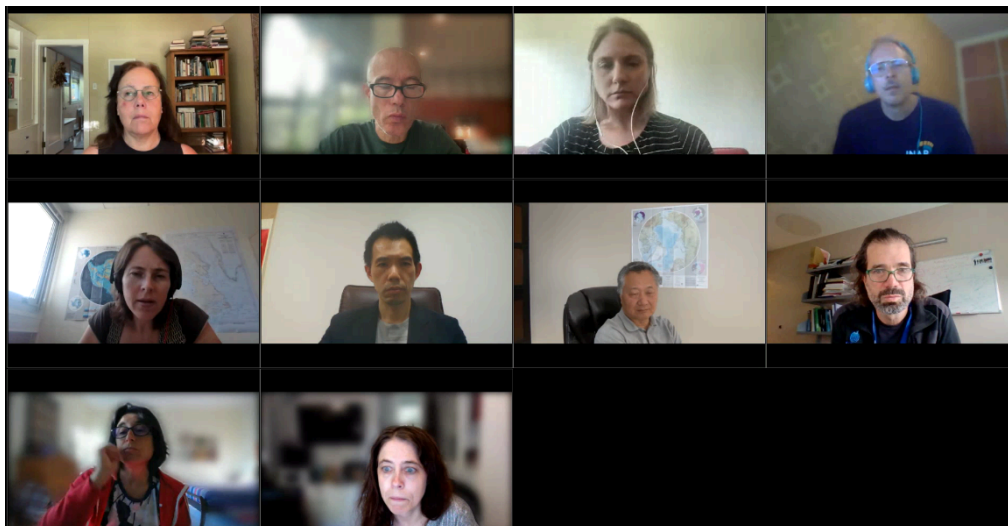
**Date:** 2024-09-03 **Start date:** 9:30 pm China ST (UTC+8)

**Venue:** GoTo Meeting **ICPO Staff Host** Agus Santoso

### Attendees (10)

Petteri Uotila, Alexandra Jahn, Amy Solomon, Carolina Dufour (SORP), Hannah Zanowski, Lars Smedsrud, Milena Veneziani, Patrick Heimbach, Xiangdong Zhang, Agus Santoso (ICPO).

**Co-Chairs:** Petteri Uotila.



**Meeting Objective:** Planning on the Polar Heat Workshop (NORP/SORP/OMDP), NORP membership

### Agenda

1. Polar Heat Workshop
2. NORP Membership

### Minutes

Petteri presented online at the CliC SSG meeting.

### Polar Heat Workshop

To be organized by NORP, SORP, OMDP. OMDP representatives were not present at this meeting (apologies from Dorotea).

Location: Feedback from the Italy summer school was that SORP members were not keen to go to the ASSW. Another possibility is the AMS meeting in May in Denver. The third option from CliC SSG is the Pan-CLIVAR Meeting (which will be held in Bali, in late September 2025). The fourth option could be the CliC Open Science Conference (if not at the end of 2025, it will be in 2026).



Bali is in between the northern and southern hemispheres (a “fair” place to meet between NORP and SORP, particularly more accessible for Australia and New Zealand).

Patrick mentioned a conference in late June 2025 called [Future of Earth’s Polar Regions](#) organized by Kavli Institute for Theoretical Physics (UC Santa Barbara, California), although need someone local to help organize it. Patrick is involved in the scientific committee.

Time: no period is perfect, some months are suitable to some, some not.

Funding: WCRP has provided allocation to CLIVAR, but it is yet to be distributed to requesting panels (still under discussion by CLIVAR SSG due to the small amount allocated to Pan-CLIVAR Meeting). WCRP suggested that the baseline funding (i.e., to support workshops and activities) is to be absorbed into Pan-CLIVAR Meeting to promote cross-panel interactions. As such, an option worth considering is to hold the Polar Heat Workshop jointly with the Pan-CLIVAR Meeting (this would also be better for USCLIVAR, for not providing double travel support).

Xiangdong mentioned a funding scheme (IASC) that he heard through another workshop organizing, although it was about to close.

Petteri proposed that the next Polar Heat Workshop organizing meeting shall be held in October/November after Ben returns from his trip.

Action: Carolina will ask SORP at the meeting today (4 September) regarding the location and timing, also who in SORP will be involved in the organization of the workshop.

Topics: From CliC meeting, Ruth Mortram suggested Greenland and Antarctic ice sheet in CMIP runs, mentioned Gavin Schmidt CMIP7 related with a link to Github.

Marine heatwaves is a popular recent topic.

Geoengineering (Lars: doomsday glaciers, “Ocean Vision”) - controversial topic? Patrick: this should not be a topic for glaciologists, but also oceanographers and atmospheric scientists. It may be a topic that warrants a discussion, rather than avoidance, given societal demand in addressing climate change. Milena suggests making this topic as an aside section of the workshop rather than the main theme. Petteri has been in some public events where AMOC shutdown was a concern and some of the younger attendees are the ones most enthusiastic about geoengineering.

Carolina: needs to consider the format of the workshop as 3 days is relatively short. Recent workshop: Morning keynotes, afternoon for discussions. Quite difficult to cover a lot in such a short time; needs a balance between talks and discussions. Petteri: could have 3 topics, one topic for each day; Northern Hemisphere, Southern Hemisphere; projections and predictions or regional topics, bipolar seesaws. Amy suggests an evening panel focussed on geoengineering. Lars: ‘climate restoration’ as an alternative terminology; would give an update on Ocean Vision – Arctic sea ice roadmap, blocking ice export and other ideas.



## **NORP Membership**

Dorotea and Xiangdong are happy to stay as Ex Officio. New co-chair to replace Ben.

NORP has received two nominations from Open Call so far, both from China and males.

For each panel there is a form to complete (consisting of justifications for any member replacements, rotations, in consideration of expertise, gender and geographical balance). Currently NORP has 4 spots to fill (including Ben's spot). For each empty spot, you can have one, second and third preferences to be approved by the SSG. Open Call will be closed on October 18, but panels are free to put forth their own nominations. The nomination form from panels will be forwarded to the SSG towards the end of November. Nomination for an individual, either the person/panel nominating or self-nominating person, needs to complete a [nomination form](#). If you are nominating someone, please inform the person beforehand.

Petteri mentioned two names (one from Japan, one from U. Hawaii) to be considered as members. Xiangdong has some ideas also (someone from Iceland - physical oceanography and marine ecosystem, systematic changes over the Arctic, regime shift for Greenland Sea). Petteri mentioned female candidates, one from last year's consideration and another who had been informed.

Action: Petteri to initiate a meeting in November to further discuss the membership topic and the heat workshop.

Action: Amy to help follow up regarding the last summer school and workshop and how to proceed with writing reports, and keep track with summer school activities.

Milena raised further discussion on when to hold the Polar Heat Workshop. Next discussion in November may be a bit too late for a workshop in March. Petteri noted that the Pan Clivar Meeting is a good option to consider, particularly in terms of funding. Need to wait after Ben's return to be involved with the discussion.

End of Meeting

## **Next meeting**

Late november, early december