



Minutes from ASP monthly meeting

Date: 5 December 2023

Present: AWI, AU, KU, UL, UiT, UM

Absent: GINR, NTNU, DFO

Agenda

1. Follow up on ASP project “Linking atmosphere, ice, and ocean” (NOW2NEW)
 - a. Ice drilling – Müller & Hans Tausen icecaps (team: Bo (lead), Olaf, Maria, Fei)
 - b. Trans Polar Drift – Tara, St. Nord, Alert, Pearl, Svalbard (team: CJ (lead), Mathieu, Andreas)
 - c. Atmosphere, sea ice, ocean interactions (team: John (lead), Torsten, Philippe, Jens)
 - d. Overview – please register your ASP projects at [Isaaffik Arctic Gateway](#). Mark with “ASP” tag (All teams).
2. Other updates from ASP partner institutions
3. Annual ASP meeting - 28-29 February in Copenhagen
4. Next Meeting

Minutes

1. Update NOW2NEW: - AU applied for money to ice-ocean oceanographic work (Danish funds), AWI... UL...

Ice drilling – Müller & Hans Tausen Icecaps

Nothing has happened at Hans Tausen yet. Muller busy getting all equipment on place.

Fieldwork postponed to 2025.

Trans Polar Drift (TPS):

Tara meeting on TARA science scoping meeting. Will start in 2026. Four teams: 1. light in sea ice, 2. How biology drive the atm-ocean interaction. 3 Epi and meso pelagic life in an ice-covered ocean. 4 Long term trends, monitoring focus. Working on publications on each team and an overall publication.

Atmosphere, sea ice, ocean interactions:

AU, UM, GINR collaboration (Post doc project) on Baffin Bay modelling based on mooring data from Cape Farewell to Kullusuaq and GINR monitoring data.

2. Other updates from ASP partner institutions:

- AU - Meeting on bridging the Fram Strait meeting in Oslo to strengthen SIOS and GIOS collaboration. Funding is coming up to strengthen nordic collaboration next spring. We have plans for fieldwork in 2024 in east, west and north Greenland, Norway, Iceland and Alaska. We got a GIOS-lite system up and running making year-round measurements in atmosphere, land and ocean. Perhaps of interest for ASP. Still transmit data.
- AWI - Cruise planning 2025 Disco Iceland Greenland. Meetings in Berlin on German research involvement in Greenland. Uwe will try to raise the Now2New idea.
- GINR - not present
- KU - ESTGRIP finishing the ice core at AWI. Beyond Epica and Mullers planning also.
- UL - Planning meeting at AWI on the collaboration with TARA. Focus on sea ice physics. Research station in Qik is going as planned. Refuge Arctic campaign coming up in Lincoln Sea to Baffin Bay. 6 new projects funded with ASP participants from Canadian funds.
- UiT - Recently held the Nansen legacy program. Finishing up. Lot more publications underway. "Fremtidens Polhav" 10 year program to follow up the Nansen legacy program. Focus on Arctic Ocean. 1 billion NKK is set aside for this. Coming up Arctic Frontiers meeting. Proposal between AWI and UiT funded using Polarstern project focused in the Southern Sea. Polar Night cruises are getting planned and leave soon.
- UM - James Bay, Hudson Bay projects working up data and planning for next years campaign. Fox basin project funded. 4 moorings deployed in Baffin Bay. Mullers ice cap planning. Park Canada and communities. All keen on understanding their region, carbon cycle, ecosystem impacts, data science etc. Just had a retreat last week. Discussing ideas for CFI - focusing on lowlands and impact to inland seas. Also interest in Eureka.
- NTNU - not present
- DFO - not present

3. Annual ASP meeting - 28-29 February in Copenhagen
Status?

4. Laboratory analysis comparison

Other comparison of interest to ASP? TA, DIC, water isotopes?

Next meeting will be 9th January 2024.

Notes -
Søren