



AARHUS
UNIVERSITET
INSTITUT FOR BIOSCIENCE



Invitation to stakeholder meeting on West Greenland ecosystem patterns and drivers

Tuesday 1 June 2021 13-15.30h (ECT) on Zoom

Aarhus University (AU) and the Greenland Institute for Natural Resources (GINR) are inviting you to this workshop on current research in Greenland coastal waters. This work is supported by the EU H2020 INTAROS project that aims to coordinate, improve and develop an integrated Arctic Observing System (iAOS). The Greenland component of the project focus on how to improve current monitoring and modelling efforts to increase knowledge on how climate change and variability affect ecosystem biodiversity and productivity. Further, an example from the Barents Sea (Institute for Marine Research, IMR Norway) will show how advanced food-web models can provide complex ecosystem indicators for use in management.

Agenda:

13.00h Welcome and introduction by Marie Maar (AU)

13.10h Short introduction to INTAROS ambition and goals by Geir Ottersen (IMR)

13.15h Impact of climate change on Greenland fish distributions by Mikael Sejr (AU). 10 min + questions.

13.30h Relative importance of freshwater discharge and sea ice for primary productivity in Disko Bay by Eva Friis Møller (AU). 10 min + questions.

13.45h Complex ecosystem indicators for the Barents Sea by Cecilie Hansen (IMR). 10 min + questions.

14.00h Short break

14.15h GIOS – Greenland Integrated Observing System by Mie Winding (GINR). 10 min + questions.

14.30h Open discussions with stakeholders, on e.g.:

- What are the main threats to the Greenland ecosystem and resources as you see it?
- Did you find the presented results useful for your work?
- Do you think models can be trusted and support monitoring and management in the future?
- What kind of new information would you like to have from models and observations?
- What is a good indicator for ecosystem health?
- How can we better communicate research results to stakeholders?
- Other?

15.00h Summary and closing comments

15.15h End of meeting

Please register to Marie Maar: mam@bios.au.dk before **24th May 2021** and you will receive the link to the meeting.