



ARC Monthly meeting
Monday 22 February at 11.00
ARC Meeting room, 1540-020
Roskilde: conference room in I0.19 (the basement under AM)

Participants: Aarhus

- Cécile Pelaudeix
- Egon Frandsen
- Jakob Sievers
- Jakob Thyrring
- Jesper Kamp
- Leendert Vergeynst
- Marit-Solveig Seidenkrantz
- Pelle Tejsner
- Peter Schmidt Mikkelsen
- Rikke R Hansen
- Søren Rysgaard
- Tage Dalsgaard
- Susanna Pakkasmaa (minutes)

Participants: Kalø & Roskilde

- Anders Mosbech
- Anders Branth Pedersen
- Andreas Massling
- Anne Jensen
- Henrik Skov
- Toke T Høye

Agenda

- 1) Welcome – Søren

These meetings are based on science and the aim is to inform about recent scientific developments at ARC.

- Oil2sea proposal did not receive funding from the Villum foundation despite an excellent review. The board decided to support a project developing sustainable fuels (<http://www.dtu.dk/english/News/2016/02/Anniversary-grant-from-VILLUM-FONDEN-for-a-new-centre-for-developing-sustainable-fuels-and-chemicals?id=e68f1657-4be3-4bbe-9670-18a674068dc1>).
- Søren has been in contact with other private foundations (Aage V Jensen foundation, Carlsberg foundation, etc) and the dean, and the strategy for attracting funding is to split

the oil2sea proposal into several smaller proposals. Planning meeting with key persons will be scheduled soon.

2) EU Arctic Strategy and EU-PolarNet online consultation – Søren

Based on ca 6500 pages of text, including national research strategies and overviews, EU-PolarNet has drafted the document “European research objectives in polar research” containing 12 overarching themes with key research topics and societal impacts:

Polar Climate Systems

Cryosphere

Solid earth and its interactions

Palaeoclimate and Palaeoenvironment

Astronomy, Astrophysics and Space

Human impacts

Polar ecosystems and biodiversity

Sustainable management of resources

People, Societies and Cultures

Human health and Wellbeing

International relations and legal dimension

New technologies

Online consultation will be open until 9 March (<http://arctic.au.dk/news-and-events/news/show/artikel/eu-polar-net-online-consultation/>). This is an opportunity for us to influence the future of polar research in Europe!

3) Baffin Bay Observing System (BBOS) – Søren

The BBOS proposal is a continuation of ArcticNet, which ends in 2017. It contains studies of

- Sea Ice physics
- Meteorology
- Climate Change
- Paleo science
- Biogeochemistry
- Carbon fluxes
- Ecosystems
- Shelf-ice
- Land-ice
- Techniques



The project will be collaboration between six major Canadian universities, USA and Europe. Each partner university has its own theme; UManitoba will build a research base in Baffin Bay. Some Canadian companies are involved in the project (innovation), as are the local communities (community based monitoring on the Greenlandic and Canadian coasts). BBOS will keep track on freshwater fluxes in Baffin Bay and their impacts on the system. Søren has been in contact with DTU and DMI and they are interested in collaboration.

The proposal has been submitted to the Canadian Minister of Science, Dr Kirsty Duncan (PhD in geography).

Read more <http://www.theglobeandmail.com/news/national/arctic-researchers-propose-plan-to-monitor-baffin-bay/article28751737/>

4) Information from participants: what are we working on? – all

Marit-Solveig Seidenkrantz:

The minister for higher education and science has just launched Forsk2025, a process which should provide an overview of major future research areas. More information:

<http://ufm.dk/forskning-og-innovation/indsatsomrader/forsk2025>

Marit-Solveig is hosting a Velux professor, Anne de Vernal

(https://www.researchgate.net/profile/De_Vernal_Anne) from Université du Québec, who will visit Aarhus in March for three months.

Henrik Skov:

Received 7 mill dkk funding from Dancea

Planning a Villum Research Station workshop 7-8 April in Aarhus to discuss the data from last year's campaign see (<http://arctic.au.dk/news-and-events/events/show/artikel/villum-research-station-workshop/>)

Egon Frandsen:

Working on the coordination of helicopter services in Greenland, large interest among scientists, for updates, see Isaaffik web site <http://www.isaaffik.org/>.

Anders Mosbech:

Working on the Arctic Council project "Adaptation Actions for a Changing Arctic"

Greenland cruises in 2017, collaboration with Søren

Niels Martin Schmidt:

Participated recently in Arctic WEB workshop (<http://arcticweb-project.org/index.html>).

Arctic WEB is "a network of scientists dedicated to conduct active multi-disciplinary research on ecosystem processes in the Arctic, and to study the functioning of terrestrial ecosystems in the context of climate change".

Peter Schmidt Mikkelsen:

Informed about Isaaffik collaboration, 2016 is a trial year for collaboration with the Danish Defence, scientists are invited to apply for space on the navy ships. More information on <http://www.isaaffik.org/>.

Anders Branth Pedersen ([http://pure.au.dk/portal/en/persons/anders-branth-pedersen\(fa7986ee-07bb-4100-a9e9-813f30075460\).html](http://pure.au.dk/portal/en/persons/anders-branth-pedersen(fa7986ee-07bb-4100-a9e9-813f30075460).html)) and Anne Jensen ([http://pure.au.dk/portal/en/persons/id\(0fb1f5a2-4301-429f-bad9-f0dc048ed310\).html](http://pure.au.dk/portal/en/persons/id(0fb1f5a2-4301-429f-bad9-f0dc048ed310).html)) from Environmental Social Science at the Department of Environmental Science in Roskilde are interested in research collaboration.