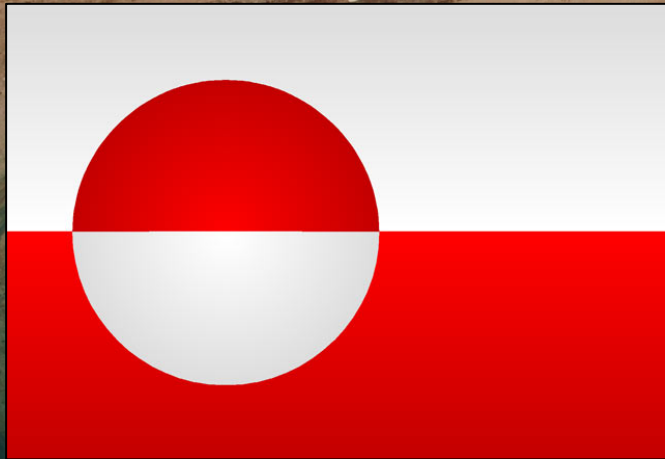
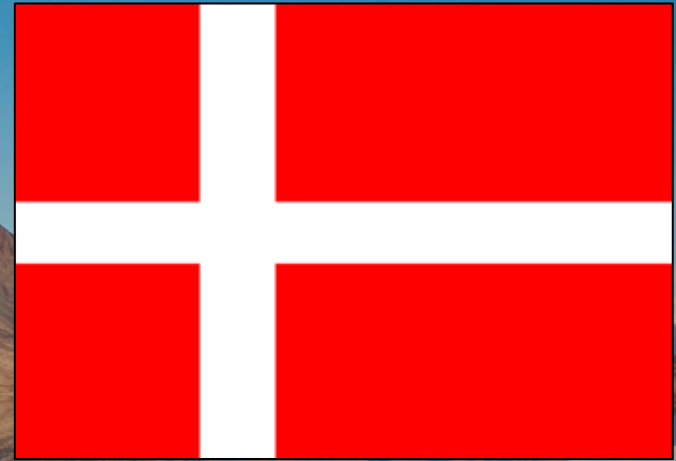


Short news from Denmark/Greenland

Morten Rasch
PhD, Chief Consultant
Arctic Coordinator
University of Copenhagen
Denmark



Forum of Arctic Research Operators
Arctic Science Summit Week 2016
11 March 2016, Fairbanks, Alaska, USA

Short news from Denmark/Greenland

Items

1. Universities, research institutes and research centres of relevance
2. Increased cooperation/coordination across universities and research institutes on arctic research – RIG and ISAAFFIK
3. UN Convention for the Law of the Sea
4. Villum Research Station, Station Nord, North Greenland
5. Ice coring – NEEM moving and becoming EGRIP
6. Arctic Station, West Greenland

1. Universities, research institutes and research centres of relevance



Published by:

Nordic Institute for Studies in Innovation, Research and Education (NIFU), Norway

Sponsored by:

Danish Agency for Science, Technology and Innovation

Conclusions:

1. In 2013, c. 100 mio. EURO were spend by Danish, Faroese and Greenlandic institutions on Polar Research.
2. During 2008-12, almost 1,800 polar research articles were published by researchers in Denmark, Greenland and the Faroe Islands.
3. The polar research was carried out at 91 different departments/ institutes/units.

1. Universities, research institutes and research centres of relevance

Universities and research institutes with arctic research:

University of Copenhagen (Denmark)

Aarhus University (Denmark)

Geological Survey of Denmark and Greenland (Denmark)

Danish Technical University (Denmark)

University of Southern Denmark (Denmark)

Aalborg University (Denmark)

National Museum of Denmark (Denmark)

Danish Meteorological Institute (Denmark)

Greenland Institute of Natural Resources (Greenland)

Asiaq, Greenland Survey (Greenland)

Ilimatusarfik, University of Greenland (Greenland)

1. Universities, research institutes and research centres of relevance

Research centres:

Centre for Ice and Climate, Dorthe Dahl-Jensen, University of Copenhagen, ddj@gfy.ku.dk

Center for Permafrost (CENPERM), Bo Elberling, University of Copenhagen, be@ign.ku.dk

Arctic Research Centre (ARC), Søren Rysgaard, Aarhus University, rysgaard@bios.au.dk

Greenland Ecosystem Monitoring (GEM), Torben Røjle Christensen, Aarhus University, torben.christensen@bios.au.dk

Arctic Technology Center (ARTEK), Michael Havbro Faber, Danish Technical University, mihf@byg.dtu.dk

Centre for GeoGenetics, Eske Willerslev, University of Copenhagen, ewillerslev@snm.ku.dk

Nordic Center for Earth Evolution, Minik Rosing, University of Copenhagen, minik@snm.ku.dk

Centre for Innovation and research in culture and learning in the Arctic (CIRCLA), Robert Christian Thomsen, Aalborg University, thomsen@cgs.au.dk

2. Increased cooperation/coordination across universities and research institutes on arctic research – RIG and ISAAFFIK

Danish Polar Center (DPC) was closed in 2009. A new initiative, **ISAAFFIK**, will try to take over part of the logistical functions previously being done in DPC.

ISAAFFIK is a cross-institutional, without-wall between mainly Aarhus University, University of Copenhagen, Geological Survey of Denmark and Greenland, Danish Meteorological Institute, Danish Technical University, Geological Survey of Denmark and Greenland, and the Danish Meteorological Institute.

The first outcome of **ISAAFFIK** is the **ISAAFFIK Arctic Portal**, www.isaaffik.org.

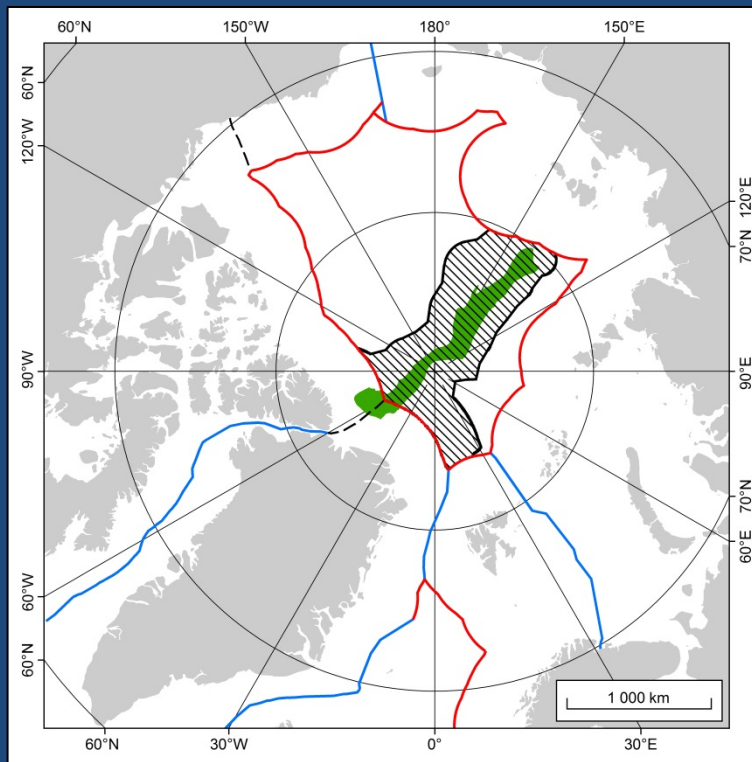
ISAAFFIK is also trying to promote the **Research Infrastructure Greenland (RIG)** across research institutions in Denmark and Greenland for the following purposes:

- Improve the research infrastructures in Greenland and Denmark
- Facilitate cooperation between universities, research institutes in Denmark and Greenland on arctic research, research logistics and public access to Greenland
- Secure the economic advantages of business of scale for research in Greenland
- Facilitate research cooperation across countries
- Increase the visibility of Danish/Greenlandic polar research
- Make it easier for foreign scientists to access Greenland and do research in Greenland
- Inform on research opportunities in Greenland

WWW.ISAAFFIK.ORG

3. UN Convention of the Law of the Sea

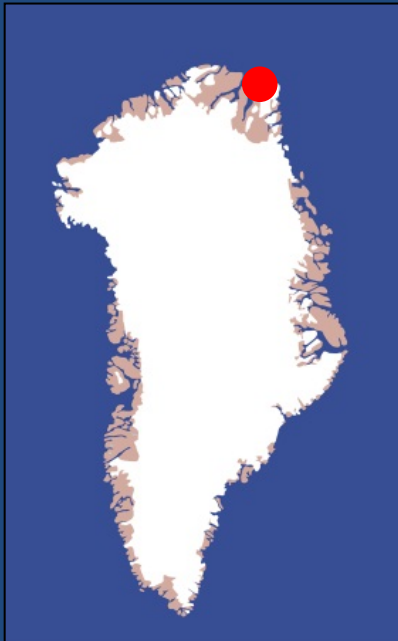
On 14 December 2014 the Kingdom of Denmark submitted its claim in relation to the UN Convention of the Law of the Sea for the Polar Sea, North of Greenland. With the submission, a very long investigation of the Polar Sea, North of Greenland, took its end.



4. Villum Research Station

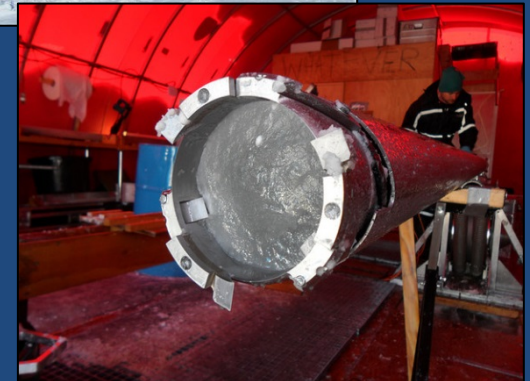
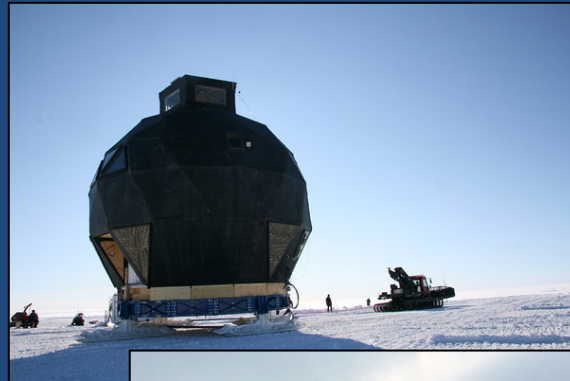
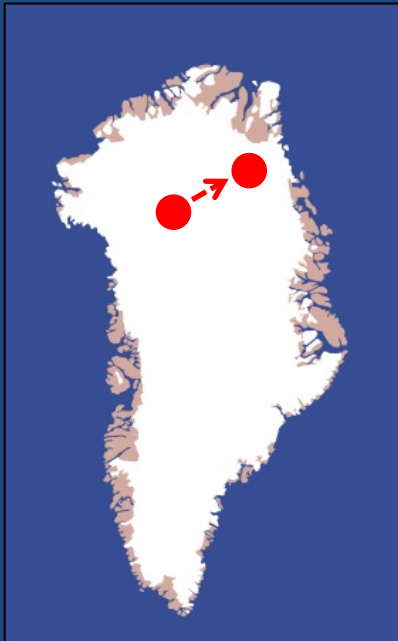
The construction of the new research station, Villum Research Station, at Station Nord in North Greenland (81°36' N 16°40' W) was finalised in August 2014. The station is owned by the Greenland Government and is being operated by Aarhus University.

The station is now fully operational and can accommodate 14 scientists throughout the year. It has state-of-the-art laboratories and instrumentation for atmospheric, terrestrial and marine research. Transport to/from Villum Research Station is by chartered aircrafts from Longyearbyen, Svalbard. More information on: www.au.dk/villumresearchstation



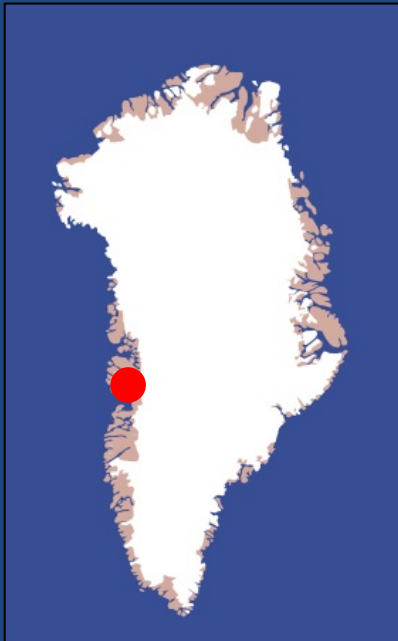
5. Ice coring – NEEM moving and becoming EGRIP

During the summer of 2015 Center for Ice and Climate, University of Copenhagen, moved the ice coring station NEEM from its position at the Greenland Ice Sheet ice divide to a position on the Northeast Greenland Ice Stream in the northern part of Northeast Greenland. The movement was carried out by vehicles. Once the station was at its new position, it was renamed to EGRIP. Coring of a c. 2.5 km deep ice core will start in spring 2016. The project is coordinated through University of Copenhagen with a number of international partners. Many other countries plan research projects on or near to the Northeast Greenland Ice Stream during the next few years.



6. Arctic Station, West Greenland

University of Copenhagen has decided to extend and renovate its research station, Arctic Station, in the town of Qeqertarsuaq in Disko Bugt, West Greenland, due to capacity problems in the existing buildings. Money for the renovation will be secured through private funding. The extension will include improved laboratory, education and office facilities, and the capacity for housing scientists will be increased - from 26 to 42 scientists at a time.





Thank You

