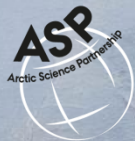


ARCTIC NETWORKS AND DATA REPORTING

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CENTRE FOR CLIMATE CHANGE



INTERACT PRESENTATION
24-28 SEPTEMBER 2018

VILLUM RESEARCH STATION, STATION NORD, GREENLAND $81^{\circ} 36' \text{N}$ $16^{\circ} 40' \text{W}$



INTERACT PRESENTATION
24-28 SEPTEMBER 2018



Aim of the station

The aim of Villum Research Station is to provide a unique **state-of-the-art** research infrastructure in the High Arctic for investigating **climate change** and its **effects** on atmospheric, oceanographic, biological and geological conditions and **processes** in the Arctic.



NETWORKS

REPORTING DATA

AMAP; Arctic Monitoring and Assessment program

EMEP; European Monitoring and Evaluation Program

WMO- GAW; global atmospheric watch

ICOS; International carbon observatory system

ACTRIS; Aerosols, Clouds and Trace gases (Observatory status)

ERA PLANET (IGOSP - Integrated Global Observing Systems for Persistent Pollutants and ICUPE - Integrative and Comprehensive Understanding on Polar Environments)

COPERNICUS CAMS 84

Interact

Professional networks

UARCTIC, IASOA, IASC, PEEX, GMOS; SMEAR, VRS user group

"Internal" networks

ARC, iCLIMATE, ASP, MOSAiC



NETWORK CHALLENGES

Each network often want their format of the data (exception AMAP, EMEP and WMO-GAW) => labour intensive

It is difficult to know which one is the important ones and in any case it takes time

You might be loose a lot of time if choosing wrongly



BENEFITS

Be together with people with low for these remote and tuff but also incredible beautiful places

Collaboration not competitors (Terry)

Awareness of what is going on

Visibility

Joint application

Joint publications

Establishment of bilateral collaboration

Ensuring the quality

Storage of results for future scientists (Open source policy => more publications)

Educating new generation of scientists

INTERACT does a lot of the above



ARTICLES FOR STATUS

Atmos. Chem. Phys., 17, 8101–8128, 2017
<https://doi.org/10.5194/acp-17-8101-2017>
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Atmos. Chem.
 Phys.
 www.atmos-chem-phys.net
 doi:10.5194/acp-17-8101-2017
 © Author(s) 2017
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Wildfire
 the Arctic

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4Department

5Cooperative

6NOAA Fair

7Boulder, CO

8Climate Res.

9Department

Correspondence:

Received: 9

Revised: 5

Accepted: 2

Published: 30

August 2016

Published: 12

August 2016

Accepted: 17

August 2016

Published: 30

August 2016

Published: 12

August 2016

Accepted: 17

August 2016

Published: 30

August 2016

Accepted: 17

August 2016

Published: 30

August 2016

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August 2016

Published: 30

ACKNOWLEDGEMENT

- The Danish Environmental Protection Agency and Energy Agency financially supported this work with means from the MIKA/DANCEA funds for Environmental Support to the Arctic Region.
- Villum Foundation is acknowledged for the large grant making it possible to build the new research station at Station Nord
- ERA PLANET iGOSP and ICUPE is acknowledged for financial support
- Interact
- Integrated Carbon Observation System (ICOS) a NUFL project.
- The Royal Danish Air Force is acknowledged for providing free transport to Station Nord, and the staff at Station Nord is especially acknowledged for excellent support
- Colleagues at AU-ENVS and AU-ARC
- Colleagues at other Danish and at international Research Institutions
- Christel Christoffersen, Bjarne Jensen Keld Mortensen for excellent technical support
- Last but not least PhD. and master students



SEE YOU SOON AT VILLUM RESEARCH STATION





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Thank you for your attention