

Villum Research Station, Station Nord 2015



Photo: 2 September 2014, Egon Frandsen



Villum Research Station

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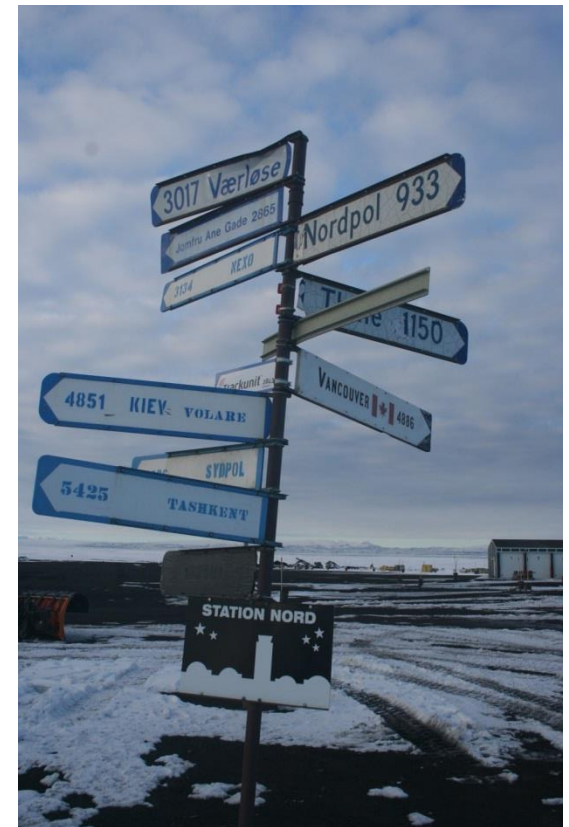
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Logistic Plan for the ASP campaigns



The campaign will take place in 3 legs

- **Leg 1: April, 6 – April, 27**
 - 14 scientists + 1 logistic
- **Leg 2: April, 27 – May, 18**
 - 14 scientists + 1 logistic
- **Leg 3: August, 3-24**
 - 14 scientists + 1 logistic



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- How to go there ?
- When to send cargo?
- Logistics at VRS
- Administrative issues
- Safety
- Site Manual 2015



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How to go there?



- Travel from Canada/Greenland/Denmark through Norway – Oslo or/and Tromsø – to Svalbard and continue to Station Nord the next day.
- Same way back

Cargo to Station Nord



- Cargo to Station Nord (STN) will be send from Denmark with the Danish military and/or in corporation with the Villum Research Station
 - By Danish Military on “Space Available”
 - Antanov 26 or 12 flight charter in February – if necessary.
- Everything has to be in Denmark by end of January, so it’s ready to go on the flights by short notice – that means that all cargo to STN must be shipped to DK before Christmas

Cargo back again



- Cargo from Station Nord will go to Denmark with the Danish military on “Space Available”
- From DK we will do as we did with the cargo home from Daneborg this summer. It will be packed and distributed from DK

Dangerous goods



- Information about dangerous material (Gas-cylinders, chemicals etc.) needs to be given ASAP and no later than December, 15
- At University of Manitoba
 - contact Emmelia Wiley
- At Aarhus University
 - contact Egon Frandsen
- For further information
 - look into the Site Manual

The poster is titled 'Dangerous Goods Hazard and Handling Labels' and is presented by IATA. It is organized into two main sections: 'Hazard Labels' and 'Handling Labels and Markings'.
Hazard Labels: This section displays 14 classes of hazard labels arranged in two rows. The top row includes Class 1 (Explosives), Class 2 (Gases), Class 4 (Flammable Solids), Class 6 (Poisonous/Infectious), and Class 8 (Corrosive). The bottom row includes Class 3 (Flammable Liquids), Class 5 (Oxidizing), Class 7 (Radioactive), and Class 9 (Miscellaneous Dangerous Goods). Each class is represented by one or more diamond-shaped labels with specific symbols and colors.
Handling Labels and Markings: This section shows various rectangular labels and markings used for handling dangerous goods, including 'Caution', 'LPH', and symbols for 'Y' (Infectious), 'Biohazard', 'Environment', 'No Smoking', 'Fragile', and 'Stacking' instructions.
Footer: The poster includes a note about the minimum size for hazard labels (100 x 100 mm) and provides the website www.iata.org/labels for further information.

Logistics and facilities at the VRS



- 5 Skidoos
- 2 Zodiac boats (Small)
- 1 Airboat
- 3 ATV
- 4 labs – Wet lab, Chem. Lab, Biology lab and “clean” lab.

Administrative issues



- Deadline for application to the National Park is January 15
- SAR insurance before application to the National Park
- Survey License for bringing out Biological Material and water/Ice samples
- License to fly with drones in the National Park

Safety issues



Everyone need to:

- Have a valid course in first aid
- Have a shooting course
- To be familiar with work in cold areas
- Be familiar with driving Skidoos
- Read and follow the safety instructions in the Site Manual

The Logistics need to:

- Attend in a safety course including how to survive in the cold – Svalbard January 2015

Introduction at the Station



- Safety issues
 - Fire arm, Skidoos, ATV, boats, airboat handling etc.
 - GPS, VHF, PLB handling
 - Wildlife awareness
- Station introduction
 - Showing around on the station
 - Rules on the station
 - Schedule for the stay – field work – packing
 - Responsibilities of the participants and how to behave
 - Special things

Homepages

- ASP: <http://www.asp-net.org/>
- Villum Research Station, Station Nord:
<http://envs.au.dk/en/research/facilities/villum-researchstation/>



The screenshot shows the homepage of the Arctic Science Partnership (ASP). The header features the ASP logo and the text "ARCTIC SCIENCE PARTNERSHIP". A navigation menu on the left lists: HOME, NEWS & EVENTS, RESEARCH, ADMINISTRATION, OPERATIONS, COMMUNICATION, EDUCATION, STUDENTS, ABOUT ASP, and CONTACT US. The main content area includes a large globe centered on the Arctic region, with the text "THE ARCTIC SCIENCE PARTNERSHIP is a new and extensive Greenlandic-Danish-Canadian research collaboration, bringing together the world's leading Arctic climate scientists." To the right of the globe, there is a section titled "EXPLORE THE ARCTIC" with the text "Click on the icons below to observe sea ice extents, and to see the locations of research facilities and ASP research projects." Below this text are four icons: a hand, a person, a building, and a circular arrow.

You are here: [AU](#) » [About Aarhus University](#) » [Department](#) » [Research](#) » [Facilities](#) » **Villum Research Station**

VILLUM RESEARCH STATION

Direct address to the current web page: www.au.dk/villumresearchstation

Arctic air pollution monitoring at Villum Research Station, Station Nord



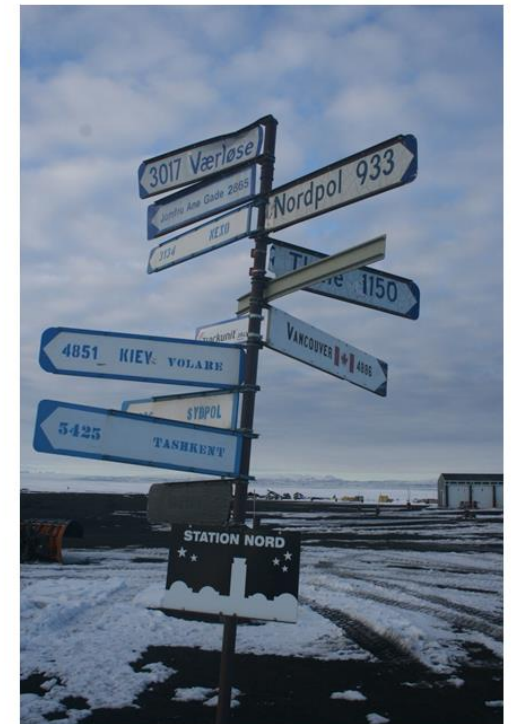
Aarhus University operates the Villum Research Station in North Greenland. The Villum Research Station is a substantial upgrade of the air pollution monitoring station *Station Nord*. The research activities have been ongoing since the 1970's with measurement activities intensified since 1990. The research facilities were established by the Danish National Environmental Research Institute (NERI), which is now merged with Aarhus University.

Site Manual 2015



Like in Daneborg 2014 we have made a Site Manual with a lot of different information – It's on the ASP and Station website and will be updated continuously during the winter – check the manual out and ask if something is not found in the manual

SITE MANUAL Station Nord 2015



Arctic Research Center
Department of Bioscience
Aarhus University