

Rresearch/observation facilities for international collaborative studies and capacity building

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The Arctic research project ArCS(Arctic Challenge for Sustainability) tried to strengthen international collaborative studies and capacity building through expanding Arctic coresearch/ observation sites. This is to promote closer international cooperation through on-site observations and joint research projects, and to promote the effective capacity building by dispatching young researchers to the stations.

Many individual efforts have been done to approach those stations and the experience and knowledge were not shared in the community. ArCS project is willing to improve these situation and NIPR is arranging their informations and preparing the gateway to the sites. As Arctic environment is divers and regional concerns are also highly variable. To understand these conditions and establish international collaborations, the field station and opprtunity to work/study together with the oversea scientist at the frontier area facing Arctic region. Through those activities, we are expecting updated information of Arctic regions, and futhermore we are expecting development of human capacity and long-term relationships of young scientist and international collaborations.

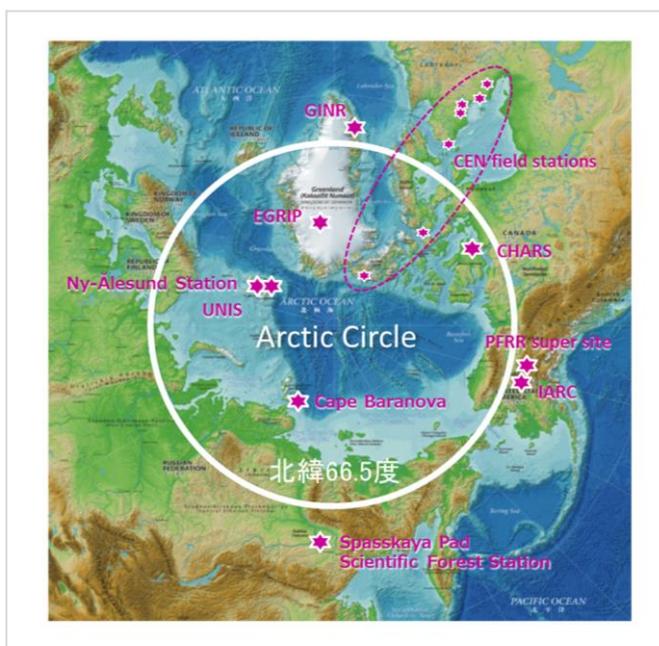


Figure 1. Distribution of Arctic research/observation sites.

<https://www.arcs-pro.jp/en/project/station/use.html>

Table 1 List of research/observation sites in the Arctic, by summer 2017

The international collaboration site	Facilities
The United States	
International Arctic Research Center/University of Alaska (IARC)	Office
Canada	
Canadian High Arctic Research Station (CHARS)	
The Centre d'études Nordiques (CEN) field stations	Research stations
Russia	
Spasskaya Pad Scientific Forest Station	Accommodation facilities, Observation tower
Ice Base Cape Baranov station	
Norway	
Ny- Ålseund Research Station ↗	Accommodation facilities (kitchen, bedroom, wash basin, toilet and shower), observation room, laboratory and storage room.
The University Centre in Svalbard (UNIS) office ↗	Office
Denmark / Greenland	
East Greenland Ice Core Project (EGRIP) site	Accommodation facilities and equipment for the ice core drilling
Greenland Institute of Natural Resources (GINR)	Accommodation facilities, meeting room, office, boats, vehicles