



Battelle ARO – Supporting U.S. NSF Projects in Greenland

Kangerlussuaq Science Workshop – 27 January 2026

Battelle-Arctic Research Operations: Introduction

- US National Science Foundation Contractor supporting NSF-funded science projects in Arctic regions
- Comprised of companies and people dedicated to supporting ongoing research
 - Battelle – prime contractor
 - Polar Field Services – primary field operations support
 - University of Colorado Anschutz – medical support
 - Taivara – data support
 - UIC Science – Ukpeagvik Iñupiat Corporation – Alaska

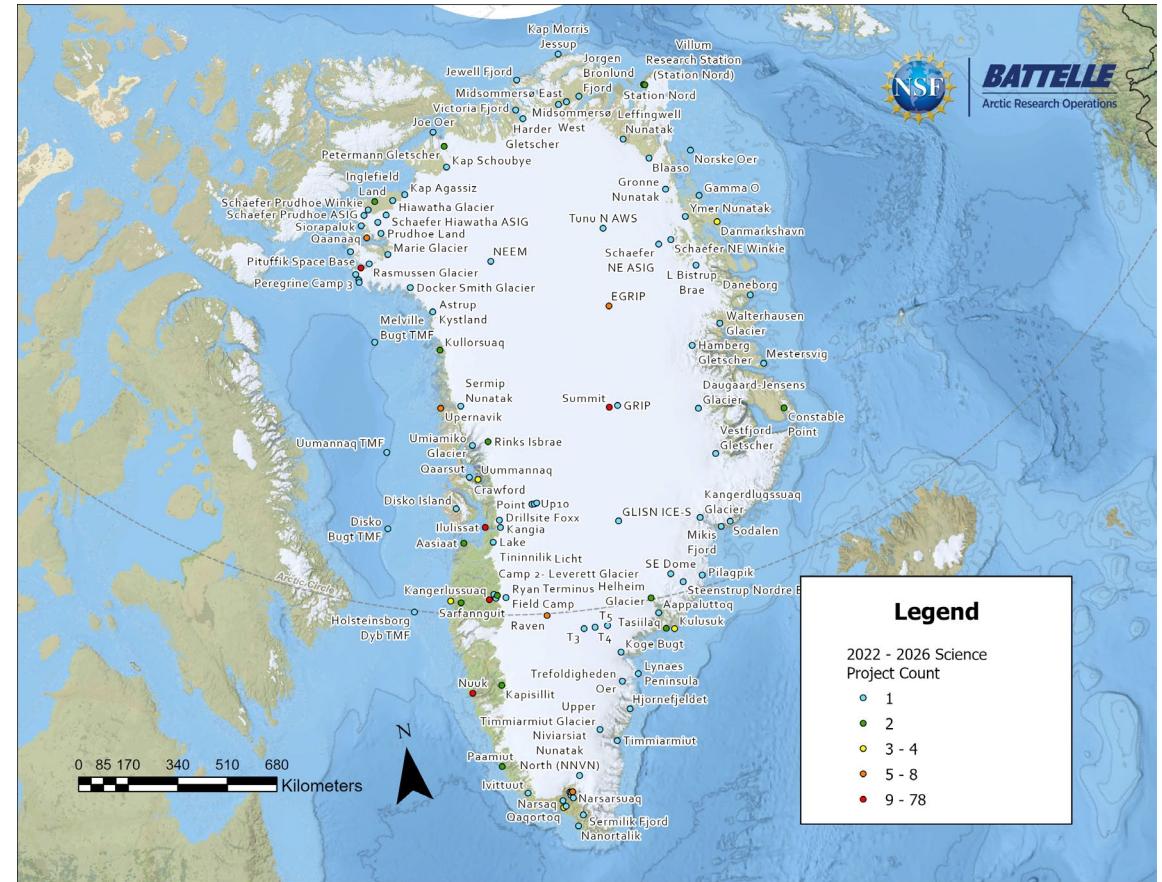
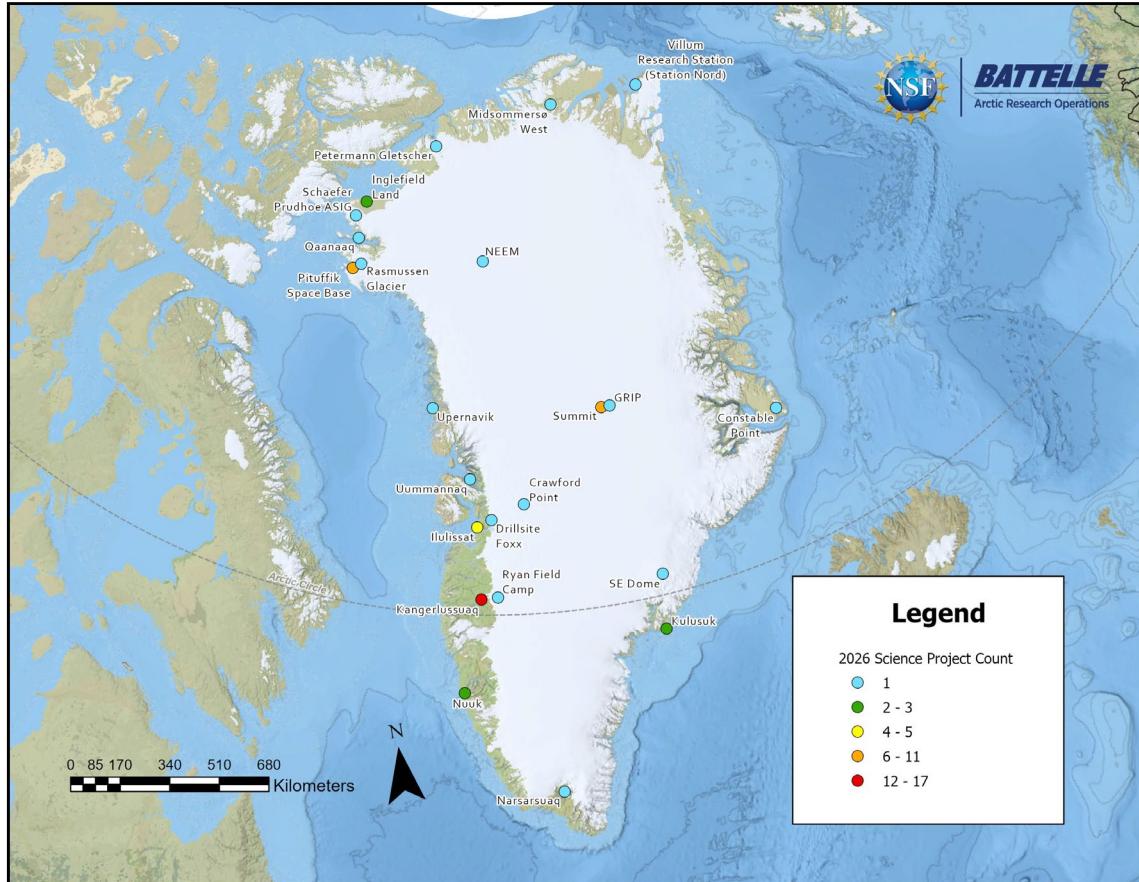


Battelle-Arctic Research Operations: Introduction

- Work in collaboration with various entities to support NSF science projects:
 - Government of Greenland, Qeqqata Kommunia
 - Permitting and outreach
 - U.S. Air National Guard
 - 109th Airlift Wing ski-equipped LC-130 Hercules planes that can land on ice sheets (GL and Antarctica)
 - Other units support cargo and personnel delivery to the Kangerlussuaq hub via wheeled aircraft
 - Commercial air charters
 - Greenland vendors:
 - Greenland Airports/MIT, Air Greenland, GINR, Royal Arctic and village businesses throughout Greenland



2026 Greenland Science Project Support



Kangerlussuaq – US science logistics hub



Battelle-Arctic Research Operations: Locations

- Support science projects throughout Greenland – fixed sites:
 - Kangerlussuaq
 - Serves as the operations hub with staff present between March and September each year
 - Services: science team support, aircraft coordination, cargo support, outfitting science teams with gear and vehicles for field work, resupply to field sites, check-in support, fleet maintenance, housing coordination
 - Strong coordination with local agencies and business
 - Storage for multi-year projects and vessel cargo
 - Raven Camp
 - Open between April-August each year
 - Provide LC-130 training area, science project support



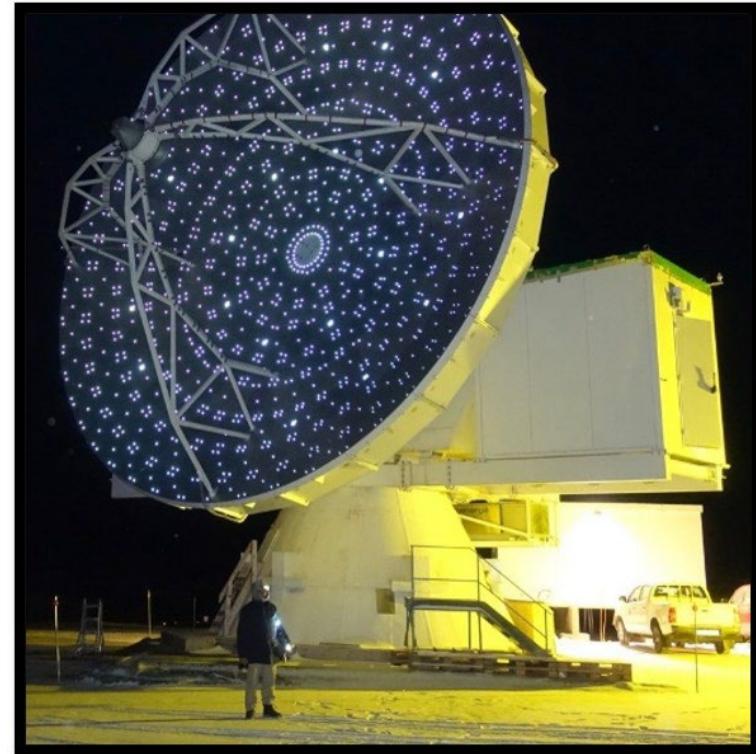
Battelle-Arctic Research Operations: Locations

- Support science projects throughout Greenland – fixed sites:
 - Summit Station
 - Science station near the apex of the ice sheet with staff present all year.
 - Services: science team support, science instrumentation support and maintenance, aviation and cargo support, housing and meals, health and safety.
 - Many disciplines: cryospheric, atmospheric, astrophysical, engineering and training
 - SuMR – Summit Modernization and Recapitalization: a multi-year project to redevelop the station to support future scientific research



Battelle-Arctic Research Operations: Locations

- Support science projects throughout Greenland – fixed sites:
 - Pituffik Space Base (formerly Thule Air Base)
 - Northernmost US Space Base – providing a unique platform that includes international scientific research as part of its mission
 - Open year-round
 - Staff support as needed – remote support routine
 - Services: science team support and coordination to perform research on the base and/or access the base enroute to other deep field sites in northern Greenland



Battelle-Arctic Research Operations: Locations

- Support science projects throughout Greenland – villages and deep field sites:
 - Ilulissat
 - Sisimiut
 - Narsarsuaq
 - Uummannaq
 - Qaanaaq
 - Tasiilaq
 - Kulusuk
 - Ice sheet camps (various)
- Services:
 - Coordination with local vendors for arrangements to support science teams
 - Aircraft charters from village to field location
 - Providing gear and arranging cargo movement and sample storage



2026 Field Season

Kangerlussuaq remains our operational hub for aviation and science support

- ANG flights between May – August 2026
- ANG flights to NSF-supported locations in Greenland
- Other military units support flights between US and Kangerlussuaq (earliest in March)
- Commercial flights will supplement within Greenland
- Support of science teams, Raven Camp training
- SuMR support – vessel deliveries and local materials storage for future years
- Continued cooperation around Greenland Airport changes



Outreach

- Science teams are responsible for outreach efforts – examples include 2 presentations to the Kangerlussuaq community in 2025
- Annual Moskus Run
 - 15th annual – 16 August 2026!
 - Battelle ARO, ANG, Local, US sponsorship with worldwide participation
 - Proceeds benefit the Kangerlussuaq School
 - 2025 proceeds: 57,000 DKK (\$9,000 USD)





<https://battellearcticgateway.org>
Thank you! Qujanaq!