

support@unavco.org | unavco.org

▲ What We Offer

UNAVCO provides GPS equipment, Terrestrial LiDAR and technical support for high precision geodetic measurement needs in polar research. Our services are available to scientific investigators working in the Arctic and Antarctic through a cooperative agreement with the NSF Office of Polar Programs. In most cases support is provided at no cost to the individual project.

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▲ Equipment and Support

High precision GPS receivers and associated equipment are provided for short term through multi-year data collection. Polar power and communications platforms are available for continuous remote operation of instrumentation up to 5 watts. Ground based LiDAR support is available for precise three dimensional imaging and change detection.

▲ Equipment

- Dual frequency GPS receiver systems
- Power and communication systems for year-round data collection and retrieval in the extreme polar environment
- Accessories for kinematic surveys, with RTK systems at Barrow and Toolik Lake, Alaska; Summit Camp, Greenland; and at McMurdo and Palmer Stations, Antarctica
- Ground-based LiDAR Terrestrial Laser Scanners

▲ Technical Support

- GPS and LiDAR survey planning
- Custom engineered solutions
- Field assistance and training
- Data retrieval, archiving, and distribution
- Network monitoring

▲ How to Request Support

UNAVCO support requests should be submitted via:
<http://www.unavco.org/crosscutting/cc-services.html>

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Sponsored by:



Jens Emil Nielsen of DTU Space (Denmark) near a GPS station that is part of a Greenland GPS Network. The station is reached from Thule Air Force Base further north. This photo was taken by the helicopter pilot Knut.

