

Tool

## Strategic Priorities

1. Our station's research capabilities & facilities are bolstered.
  - A. Current infrastructure and services are improved to fill gaps in research support needs.

Comprehensive evaluation of Toolik infrastructure to identify deficiencies is completed. Research facilities, internet access, transportation, and overwinter storage are updated to sufficiently meet the needs identified in Objective 1. Common use science equipment that supports current and unmet research needs is procured. Professional development opportunities for research support staff are enhanced.
  - B. New infrastructure and services are built to strengthen our research community. State of the art laboratory facilities, including one winter-capable laboratory, that meet current and anticipated research priorities and emerging technologies are built. Our support for under-represented research fields at the station is expanded. Barriers to station use during the shoulder and winter seasons are explored, and reduced. Onboarding for international and national researchers is improved.
  - C. In alignment with national and international Arctic research priorities, support is developed in areas where Arctic science is advancing.

Broader Arctic research objectives, ICARP, USARC, and others, are supported. Remote access is expanded to support pan-Arctic collaboration and sustainable field campaigns. Synergistic SEDC open data products that integrate multiple spatial and environmental datasets for use by a broad range of user groups are created. Repositories for previously dark datasets are created. Collaboration with international researchers is expanded.

## 2. Educational support is formalized. New outreach initiatives are launched.

- A. Educational support at the station is expanded.

In-person educational experiences for non-scientists and students at Toolik, including artist residencies, are enhanced.

B. Outreach to external communities is expanded.

Outreach and research collaboration with Alaska Native communities is started. Connections with researchers to coproduce knowledge on Arctic ecosystems and change are facilitated.

Relationships with Anaktuvuk Pass are built.

Public awareness of the importance of the Arctic and research conducted at Toolik is increased via strategic social media, mass media, & interpretative communications

Outreach to K-12 teachers and students both within and outside of Alaska is increased to generate new interest in Arctic research with the missing millions

Virtual educational experiences to expand the range of audiences Toolik reaches ([The Virtual Field](#)) are created.

3. A safe, diverse, equitable & inclusive community is actively fostered.

l A. Efforts to increase belonging, equity, diversity, inclusion, &



What will Toolik Field Station have after completing this initiative? (multiyear goal)  
Toolik and Anaktuvuk Pass will have a working relationshi