



We're embracing the start of summer at the Center, and sharing many new opportunities for researchers to participate in from webinars, mentorship programs, toolkits, and more! We have also welcomed a couple of new data science interns who will regularly help with your data curation needs. Read on for more information.

Newsletter At a Glance

- Dataset Highlight: What Arctic Phytoplankton Tell Us About a Changing Ocean
- Latest Datasets
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- Opportunities and more!



New Dataset Highlight

What Arctic Phytoplankton Tell Us About a Changing Ocean

Our newest Dataset Highlight features an interview with Dr. Clare Gaffey on her research into how Arctic phytoplankton communities are responding to changing ocean conditions. Accompanying the dataset is a paper (Gaffey et al., 2026) which examines these findings in greater depth. Read the paper in [AGU Publications](#).

[Read Dataset Highlight](#)

Latest Datasets

[Explore the full catalog](#)

Explore some of the latest datasets uploaded to the Arctic Data Center, ranging from geoscience to atmospheric science.

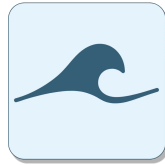


Glaciology

Miller et al., 2026

This dataset contains radiocarbon-dated vegetation samples preserved beneath the Barnes Ice Cap that record the timing of late Holocene ice expansion and recent retreat.

[View Dataset](#)



Oceanography

Vavrus, 2026

This dataset contains model output and analysis scripts from CESM2-LE simulations used to investigate projected winter climate change in the Pacific Arctic under future greenhouse warming scenarios.

[View Dataset](#)



Physical Geography

Brinkerhoff, 2026

This dataset contains observations, model inputs, and uncertainty-constrained simulations used to project the future evolution and mass loss of Sít' Tlein under different climate scenarios.

[View Dataset](#)

Partner News & Opportunities

Apply by August 14th, 2026!

Apply to join the organizing team for the Polar Impact Mentorship Initiative!

The Polar Impact Mentorship Initiative (PIMI) program is a volunteer-run, international program designed to offer support for anyone who identifies as belonging to a historically

excluded racial or ethnic group and is involved with work in the polar regions. Polar Impact is encouraging individuals to apply to join the organizing team. Organizing team volunteers are expected to commit to a two-year term with an average of approximately 5 volunteer hours each month. The goal is to have the new organizing team established by early-mid January, solicit



applications in May, and begin the new round of PIMI programming in August 2027. This is a great opportunity to help create an impactful mentorship program, expand your professional network, and build skills to list on your CV/resume!

Reach out to pimi@polarimpactnetwork.org with any questions.

Complete the [application form](#) by midnight (your local time) on August 14th, 2026. Applicants will be notified of decisions by September 15th, 2026.

[Link to application](#)

The graphic features the USAPECS logo (Association of Polar Early Career Scientists) and the text 'presents...'. The main title is 'Updating the Researcher's Toolkit: Policy Engagement for a Changing Funding Landscape'. Below this, it says 'Learn how to effectively engage policymakers, communicate the value of your research, and build relationships that support long-term research funding.' It then lists three panelists: Liz Landau (Director of Science Policy & Government Relations, American Geophysical Union), Dr. Allen Pope (Secretary General, International Glaciological Society), and Dr. Twila Moon (Deputy Lead Scientist, National Snow and Ice Data Center). The event is scheduled for July 9, 2026, at 2:00 - 3:30 pm EDT. A QR code and a registration link are provided at the bottom.

Thursday, July 9, 2026, at 2:00 pm Eastern Time

Updating the Researcher's Toolkit: Policy Engagement for a Changing Funding Landscape

Recent changes in the United States federal government's policy priorities have resulted in substantial cuts to funding for government-funded scientific research. Uncertainties stemming from reductions in research funding often delay the timely production of important research deliverables required for researchers' career retention and progression.

While scientists may have compelling stories backed by empirical evidence about how their research products confer a competitive advantage on the United States economy, it can be hard to communicate with policymakers to ensure a sustained, long-term, favorable funding outcome.

This webinar brings together three experts with extensive experience advocating for and communicating science and engaging with decision-makers at the highest levels in the United States government for a panel discussion on Policy Engagement for a Changing Funding Landscape.

[Register for webinar](#)

[QGreenland Engagement Survey](#)

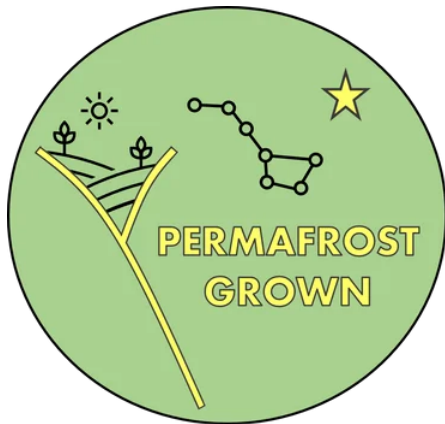
Do you use QGreenland in your studies, teaching, work or research?

We would love to feature your work as a QGreenland user on our website to inspire other users! To be featured, please fill out this very [short Google form](#) and we will get

back to you to schedule a very short interview regarding how you've found QGreenland to be most useful in your studies, teaching, work or research context! The [survey](#) should take three minutes or less to complete.

[Link to survey](#)

Share a case study with us of how you use QGreenland!



Art installation available until September!

Permafrost Grown Art and Science Walk

Take a stroll to view a free outdoor, or view freely online, an art-and-science exhibit that explores the complexities of permafrost and its effects on farmers' lives. The installation is located along the path on West Tanana Drive, which parallels the Georgeson Botanical Garden (2180 W Tanana Drive) on the University of Alaska Fairbanks campus in Fairbanks, Alaska.

This exhibit showcases art made by farmers and University of Alaska Fairbanks researchers who participated in Permafrost Grown, a project funded by the US National Science Foundation, studying the interactions between permafrost and agriculture.

[Visit online exhibit](#)

[Permafrost Grown data portal](#)

Apply by July 31, 2026 at 11:59pm MT

NNA Early Career Community of Practice for Ethical Engagement with Arctic Communities



Launching in late summer/fall 2026, the **NNA Early Career Community of Practice for Ethical Engagement with Arctic Communities** is a program for early career researchers working in or connected to the Arctic. Organized by the Navigating the New Arctic Community Office, with support from the Polar Science Early Career Community Office, this cohort-based program creates space to learn, connect, and grow together.

This Community of Practice is centered on exploring how to conduct community-engaged Arctic research thoughtfully, effectively, and ethically. Participants will learn from one another's experiences while engaging with the principles of convergence research—addressing complex

societal challenges through deep, interdisciplinary collaboration. The program is open to those with interests and experiences related to any Arctic region, including Alaska and beyond. This program is open to early career individuals within and outside of traditional academic environments, including those who may have more lived experiences in working with communities, rather than formal training. While the program will draw on lessons from the Navigating the New Arctic (NNA) initiative, no prior NNA involvement is required to participate.

The cohort will help shape its own learning journey; discussion topics and areas of focus will be driven by participant interests, with opportunities to lead conversations, contribute to peer learning, and take on shared leadership roles. The program will also build connections to the upcoming [5th International Polar Year](#) and offer a supportive network during a time of global and funding-related challenges.

Participation & Engagement Expectations

Participants are expected to actively contribute to the cohort experience through regular engagement and peer leadership. This includes:

- Attending twice-monthly virtual cohort sessions (with seasonal breaks in winter and summer)
- Co-leading at least one discussion or activity during the program
- Contributing to a collaborative, supportive learning environment
- Participants will be asked to engage for a minimum of one year, and welcomed to continue engaging in the community of practice for as long as they find it useful

This program is open to early career researchers.

Apply using [this form](#) by **July 31, 2026** at 11:59pm MT (decisions to be announced in August).

[Link to application](#)

What happens after the grant?

Funding metadata as research intelligence

7th July

5:00-6:00 AM UTC

Join us to explore how funding information can help you meet open science commitments and track compliance with your funding policies by connecting your funding information to research outputs

crossref.org/events

Crossref

July 6, 2026 at 10pm PT

What happens after the grant? Turning funding data into real insight

Join Crossref for a webinar designed for funding organisations curious about how to maximise the impact and visibility of their research funding.

In this session they'll cover how funding information can help you meet open science commitments and track compliance with your funding policies. They'll also cover how connecting your funding information to

research outputs through Crossref creates a clearer picture of your organisation's research portfolio, transforming research information into assets that support strategic decision making and help monitor compliance with funding policies. Learn more by visiting the [event listing](#), and [register](#) to attend the webinar.

[Link to webinar registration](#)

New Paper Releases

Erosional and Hydrological Controls on the Age and Thermochemical Stability of Particulate Organic Carbon in an Arctic River

In Repasch et al., they trace how carbon moves through Arctic rivers from the mountains to the coast, and found that resistant bedrock carbon is transported to the ocean where it can be buried for thousands to millions of years. Their findings help clarify how Arctic rivers may influence the global carbon cycle as permafrost thaw accelerates. Read more in the [full article](#).

[Read Article](#)

An ice-sheet modelling framework to determine vulnerable regions of the Greenland Ice Sheet in the past

This study by Keisling et al. used ice-sheet model simulations to assess the sea-level potential of the Greenland Ice Sheet, finding central Greenland is most sensitive to lithospheric feedbacks and ice-sheet initialization. They identified southwest and north Greenland as priority targets for future subglacial drilling, which could help constrain the response of the ice sheet. Read more in the [full article](#).

[Read Article](#)

Other Opportunities

Job Opportunities

- Program Manager, Data & Information Network (<https://lternet.edu/opportunit...>)
- Tenure-Stream Assistant Professor in Earth and Environmental Geosciences at Colgate University (<https://apply.interfolio.com/1...>)

- Research Software Engineer on modeling greenhouse gas emissions in northern peatlands with an advanced land surface model (<https://docs.google.com/docume...>)

Postdoc Opportunities

- Post-doctoral research fellow on modeling non-CO2 greenhouse gas emissions in northern peatlands (<https://docs.google.com/docume...>)
- Post-doctoral research fellow on modeling the response of northern peatlands to warming (<https://docs.google.com/docume...>)
- Post-doctoral research fellow on analyzing and predicting greenhouse gas fluxes responses of thawing peatlands at a large permafrost thaw experiment (<https://docs.google.com/docume...>)

Conferences and Workshops

- [MtnClim 2026](https://www.mtnclim.org/), Science for Decision-Making in Mountains
September 14 – 18, 2026 in Gothic, Colorado (<https://www.mtnclim.org/>)
- 2026 NNA Annual Community Meeting in Fairbanks, Alaska, September 15-17, 2026
(<https://nna-co.org/outreach/wo...>)
- 16th International Conference on the Physics and Chemistry of Ice, June 28 – July 2, 2027
(<https://www.montana.edu/subzer...>)
- International Symposium on Snow in a Warming Climate: Processes, Extremes, and Disaster Risk, November 7-12, 2027 (<https://www.igsoc.org/wp-conte...>)

[Browse Past Newsletters Here](#)



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