



August was busy at the Arctic Data Center with 39+ new and changed dataset submissions, a new Dataset Highlight, and welcoming three new Science Advisory Board (SAB) members who will provide expertise in artificial intelligence, cyberinfrastructure, and biological science. We are looking forward to working with this new group and continuing to support the Arctic research community!

Don't forget to add the Arctic Data Center on [LinkedIn](#) to keep up with our latest news and announcements. Read on for more exciting updates, new opportunities, and more!

Newsletter At a Glance

- The ADC Team at the NNA Annual Community Meeting
- Dataset Highlight: What Greenland's Sediments Reveal About a Changing Landscape
- Latest Datasets
- IARPC Collaborations Mentorship Program
- Permafrost Discovery Gateway Webinar on Lost Lakes: Tracking the Pulse of Arctic Lakes in Near-Real-Time
- NNA-CO Workshop: Research Ethics in Engaging with Arctic Communities
- PGC User Survey
- New Paper Releases
- Opportunities and more!

Meet the Team!

The Arctic Data Center at the NNA Annual Community Meeting

Jim Regetz from the Arctic Data Center team will be at the upcoming Navigating the New Arctic (NNA) Annual Community Meeting this September 15-17 in Fairbanks, AK, and we're excited to interact with the community! See the [schedule](#) here. Below is the session we'll be a part of:

- Thursday, September 17, 1:30 PM – 3:00 PM: Big Maps in the Browser: Making Arctic Geospatial Data Accessible to All





New Dataset Highlight

What Greenland's Sediments Reveal About a Changing Landscape

Our latest dataset highlight features the team behind the [Significance of Ice-Loss to Landscapes in the Arctic](#) (SILA) project! We discussed the team's research and their experience tracing how changing sediment patterns are reshaping Arctic landscapes over time. Understanding these processes is critical for communities and ecosystems navigating a rapidly changing environment. Read more about it in our latest [blog](#)!

[Read Latest Blog](#)

Latest Datasets

[Explore the full catalog](#)

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



Zoology & Ecology

Smith, 2026

This dataset contains stable carbon and nitrogen isotope values from baleen whale samples in the North Atlantic, drawn from stranded whales and historical whaling collections.

[View Dataset](#)



Atmospheric Science

Young et al., 2026

This dataset contains high-frequency surface ozone measurements from Toolik Field Station in Alaska, collected continuously from 2023 to 2024.

[View Dataset](#)



Soil Science

Kastning et al., 2026

This dataset contains active layer depth, soil temperature, moisture, and vegetation data from thirteen transects near Toolik Field Station, capturing how landscape features like water tracks and gullies shape permafrost and plant communities.

[View Dataset](#)

Partner News & Opportunities



Deadline to register is September 9, 2026!

Sign-ups for the 2026-27 session of the IARPC Collaborations Mentorship Program are now open!

The program is available to Arctic and Antarctic scientists and members of the research community and provides career growth and mentoring opportunities to all career levels and paths. Participating researchers and other professionals will be organized into small mentoring circles to discuss career opportunities and issues, learn from and support one another through transition and change, and grow as leaders together. You do not have to be a scientist or actively researching/publishing to participate in the program. Join this year's mentorship program for a nonhierarchical space to build relationships, share and gain expertise, and bring your questions and provide guidance to others.

The 2026-27 session of the IARPC Collaborations Mentorship Program will run from October 2026 to May 2027. It will kick off at a launch meeting on October 6 at 8am AKT; after that, mentorship groups will meet at least monthly. This year, IARPC and the Polar Science Early Career Community Office ([PSECCO](#)) are partnering to offer this program, with support from the United States Association of Polar Early Career Scientists ([USAPECS](#)).

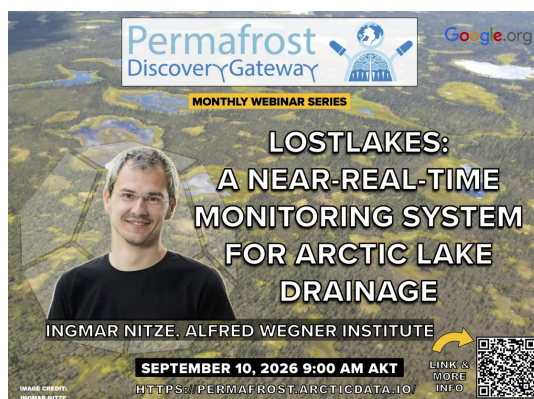
More details and sign-up form available at <https://www.iarpccollaboration...>

Register for the program

Thursday, September 10, 2026 at 9:00 am AKT

Permafrost Discovery Gateway Webinar on Arctic Lake Drainage

Join the PDG on Thursday, September 10, 2026, at 9:00 AM AKT for "**Lost Lakes: Tracking the Pulse of Arctic Lakes in Near-Real-Time**," presented by Ingmar Nitze of the Alfred Wegener Institute. Thermokarst lakes are among the Arctic's most dynamic features, cycling through decades of formation, expansion, and drainage while sustaining northern communities and wildlife. Nitze will present LostLakes, an interactive dashboard tracking roughly 4 million lakes across the high latitudes in near-real-time. For more information, [stay connected](#) with the PDG.



[Link to Zoom](#)



Monday, September 14, 2026, 3pm AKT | 5pm MT | 7pm ET

Join us online for 'Research Ethics in Engaging with Arctic Communities'!

The Navigating the New Arctic Community Office is excited to host Cana Uluak Itchuaqiyag to facilitate a 1.5-hour workshop on conducting equitable research when engaging with Arctic communities. This workshop will explore supporting long-term community capacities and Tribal sovereignty as part of ethical engagement.

Cana will also discuss recent fieldwork experiences working with Arctic communities.

To register for this event, visit this [webpage](#). Please reach out to madison.payne@colorado.edu if you have any questions.

[Register for event](#)

Closes on September 11, 2026 at 11:59pm Central

Deadline Extended: PGC User Survey

Have you used Polar Geospatial Center (PGC) data, tools, services, or support in your cryospheric work in the last three years - or have ideas about how PGC could better support your efforts? We're inviting members of the polar community to participate in the 2026 PGC User Survey.

Whether you've used PGC extensively, occasionally, or not at all, we'd like to hear from you. The survey takes approximately 10-15 minutes to complete and is open through September 11, 2026. Take the survey: <https://z.umn.edu/pgc-user-sur...>



[Link to Survey](#)



New Paper Releases

Changes in terrestrial weathering following glacial retreat reveal processes altering North Atlantic neodymium isotopes

Salinas-Reyes et al. explore why sediment and water in Greenland carry such different chemical signatures. It turns out the answer helps explain strange signals long seen in ancient seafloor sediments. The gap is largest in places recently freed from ice, then narrows over time. That gives scientists a better way to read the signature as a clue about past ice sheet collapse and ocean currents. The [dataset](#) supporting this research is available through the Arctic Data Center.

Read more in the [full article](#) below.

Read Article

A synthetic flow network decision-making tool to identify potential downstream contamination risk in permafrost-bound Alaskan hazard sites

Roberts et al. explore how as permafrost thaws in Alaska, old pollution sites such as mines and landfills can start leaking contaminants into nearby waters. Their team built a mapping tool using ArcGIS to predict what streams and rivers this pollution is reaching. After testing this approach, their results showed contamination can spread thousands of meters downstream. This is a concern for Alaskan communities who depend on this land for hunting and other needs.

Read more about it in the full [article](#) below.

Read Article

Other Opportunities

Job Opportunities

- Research Assistant/Research Associate Professor at the University of Texas at Austin (<https://apply.interfolio.com/1...>)

Postdoc Opportunities

- Postdoctoral Associate in Glaciology at the University of Alaska Southeast (<https://careers.alaska.edu/job...>)
- Postdoctoral Scholar exploring amino acid biogeochemistry at Northern Arizona University (<https://careers.nau.edu/jobs/p...>)
- Postdoctoral Scholar in Decadal Sea Ice Variability at UC Irvine (<https://recruit.ap.uci.edu/JPF...>)
- Postdoctoral Position in Greenland Ice Sheet Modelling at Uppsala University (<https://uu.varbi.com/en/what:j...>)

Conferences and Workshops

- 2026 NNA Annual Community Meeting in Fairbanks, Alaska, September 15-17, 2026 (<https://nna-co.org/outreach/wo...>)
- 2026 Arctic Circle Assembly on October 8-10 at Harpa Concert Hall and Conference Centre and the Reykjavík EDITION, Iceland (<https://www.arcticcircle.org/a...>)
- Anchorage Security and Defense Dialogue on October 27-29, 2026 in Anchorage, Alaska at the Hotel Captain Cook (<https://tedstevensarcticcenter...>)
- International Symposium on Snow in a Warming Climate: Processes, Extremes, and Disaster Risk, November 7-12, 2027 (<https://www.igsoc.org/wp-conte...>)
- ArcticNet's Annual Scientific Meeting (ASM) 2026 in Halifax, December 7-10, 2026 (<https://event.fourwaves.com/as...>)

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