Arctic Data Center

In the past month, the Arctic Data Center opened applications for our spring 2027 data science training, traveled to Fairbanks, Alaska for the NNA Annual Community Meeting, and shared a new Dataset Highlight.

We're also excited to launch a pilot office hours program, which will take place on the third Wednesday of the month at 11am PDT (more information below).

Read on for more exciting updates, new opportunities, and more!

Newsletter At a Glance

- ADC Office Hours: Kick-Off Meeting
- Dataset Highlight: How Arctic Communities are Rethinking Cruise Tourism
- Scalable and Computationally Reproducible Approaches to Arctic Research
- Connecting Arctic Data to Science and Solutions at the 2026 Navigating the New Arctic Meeting
- Latest Datasets
- Permafrost Discovery Gateway Fall Webinar Series
- New Paper Releases
- Opportunities and more!

October 14 at 12:00pm PDT

Arctic Data Center Office Hours: Kick-Off Meeting

We're launching office hours for one-on-one help with your data, including submissions, metadata, and data discovery. Join our 30-minute kick-off on **Wednesday, October 14 at 12:00 pm PDT** to meet the team and learn how to book a session. The first office hours are on **Wednesday, October 21 at 11:00 am PDT.** To learn more and sign up, visit arcticdata.io.



Add to your calendar



New Dataset Highlight

How Arctic Communities are Rethinking Cruise Tourism

As sea ice retreats and cruise ships reach more Arctic ports, what does tourism bring to Northern communities, and what does it cost them? Our latest Dataset Highlight follows an NNA-CO funded team that interviewed 123 residents, local officials, and port directors across Alaska, Iceland, Norway, and Sweden. Read the full dataset highlight!

Read Dataset Highlight

Applications close on October 30

Scalable and Computationally Reproducible Approaches to Arctic Research

Applications are open for all Arctic researchers to apply to the course *Scalable* and Computationally Reproducible Approaches to Arctic Research at the Arctic Data Center. This training is held in-person in Santa Barbara, CA and will be the ADC's only training of 2027, so don't miss the chance to apply! Apply by **October 30, 2026** and learn more at the link below.

Link to Application





NNA-CO Meeting Recap

Connecting Arctic Data to Science and Solutions at the 2026 Navigating the

New Arctic Meeting

Our latest blog post follows co-PI Jim Regetz to the NNA-CO Meeting in Fairbanks, Alaska, where he showed how interactive web mapping, including the Permafrost Discovery Gateway, makes large Arctic geospatial datasets easier to work with. Read the full blog!

Read Recap 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.



Ecology

Gavin et al., 2026

This dataset contains paleolimnological sediment records, in-situ lake-level monitoring, and long-term weather data from seven lakes in South Greenland, used to examine how climate drives lake-level change in permafrost-free subarctic lakes.

View Dataset



Geochemistry

Hawkings et al., 2026

This dataset contains hydrochemical, mercury, and atmospheric mercury measurements from a glacially fed river near Narsarsuaq, Southern Greenland.

View Dataset



Sociology

Mo et al., 2026

This dataset contains interviews, thermal imaging, and workshop data collected with the community of Togiak, Alaska, to examine cultural, housing, and climate factors influencing residential energy use.

View Dataset

Partner News & Opportunities

Register online by Dec. 1

Register now for the 2027 Toolik Field Station All Scientists Meeting

Toolik Field Station welcomes all to join them at their 2027 All Scientists Meeting, held jointly by Toolik and the Arctic Long-Term Ecological Research program. The meeting will take place January 13-14, 2027 in Santa Barbara, California and online. Register online by Dec. 1. Limited travel support is available for students, post-docs and early-career researchers. Visit the meeting website for more information or contact the Toolik management team at uaf-iab-toolik@alaska.edu.

Register for the meeting

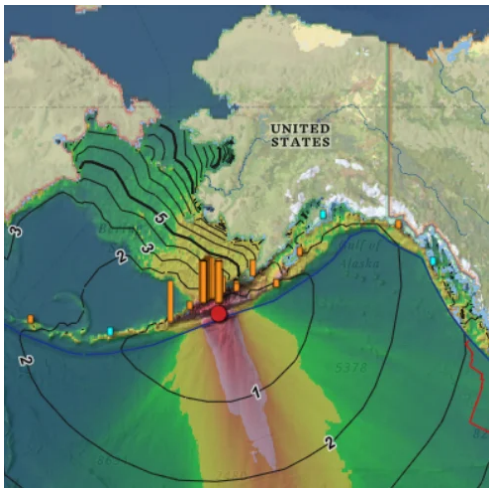
Thursday, Oct 22, 2026 at 9:00 am AKT

Permafrost Discovery Gateway Fall Webinar Series

Join the PDG on Thursday, October 22, 2026, at 9:00 AM AKT for a webinar on making large geospatial data accessible and useful led by the Arctic Data Center. Following this webinar, is Wenwen Li from Arizona State University on Nov. 12 and Emine Senkarsesler from the University of Illinois on Dec. 17, who will both share their work with the PDG. Stay connected with the PDG, and add their webinar series to your Google calendar!



Link to Zoom



October 14 @ 11:00 am to 12:00 pm AKDT

VAWS Webinar: Tsunami Alerting in Alaska

From Palmer, Alaska, the U.S. National Tsunami Warning Center monitors 24x7 for any hazards that may produce dangerous tsunamis for the continental U.S. and Canadian coasts. Over the decades, the center has incrementally continued to grow in both area of responsibility and breadth of the hazards it monitors. This session will provide an overview of the types of tsunami hazards present in Alaska, how the team, NTWC, and their partners assess and alert for tsunamis as events unfold, and how you can be better prepared for the next one.

Register for webinar

New Paper Releases

Governance agency in a contested cruise destination: a legitimacy-evolutionary approach

Powell et al. explore how tourism governance evolves in Juneau, Alaska, a busy cruise destination without a comprehensive tourism plan. Their team developed a framework showing how residents, businesses, and officials each argue for their own vision of the community's future, and how those competing claims to legitimacy shape trust, power, and decision-making over time. This paper draws on the team's interview dataset, archived at the Arctic Data Center and featured in our latest dataset highlight. Read the full article below.

Read Article

The arctic knowledge-based system: Science gateway integration for petascale arctic data processing and geospatial feature prediction

Wilcox et al. introduce the Science Gateway for the Arctic Knowledge-Based System (A-KBS), a web portal that helps researchers use artificial intelligence to model permafrost and other changes across the Arctic. Through a single platform, scientists can run AI prediction tools for active layer thickness, ground deformation, wildfire occurrence, freeze/thaw states, and soil and air temperatures, using data from across the circumpolar Arctic. The paper was a collaboration with partners including one of our NCEAS software engineers and the Defense Resiliency Platform Against Extreme Cold Weather (DRP) initiative. Read the full article below.

Read Article

Other Opportunities

Job Opportunities

- Multiple Tenure-Track Positions in Coastal Processes and/or Ecology at Georgia Tech(https://careers.hprod.onehcm.u...)
- Assistant Professor of Geography at Montana State University (https://jobs.montana.edu/posti...)

Postdoc Opportunities

- Distinguished Postdoctoral Fellow in Earth and Planetary Sciences at University of Texas Institute for Geophysics (https://ig.utexas.edu/jobs/202...)
- Postdoc position to study subglacial meltwater beneath the Greenland Ice Sheet at DTU Space (https://efzu.fa.em2.oracleclou...)
- Postdoctoral Award at Scripps Institution of Oceanography (https://apol-recruit.ucsd.edu/...)
- PhD position: Coupled Tipping Dynamics of Ocean Circulation and Ice Sheets at University of California, Irvine (https://www.ess.uci.edu/phd-ea...)

Conferences and Workshops

- 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...)
- 2027 Alaska Marine Science Symposium, January 25-29, 2027 in Anchorage, Alaska (https://www.alaskamarinescienc...)

Browse Past Newsletters Here

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