This November, the Arctic Data Center is reviewing applications for our spring 2027 data science training, prioritizing new initiatives, and preparing for the holidays. Our latest MetacatUI release (2.41.0), features our most exciting update yet: the ability to add interactive map pages and manage data layers directly in the portal editor.

We also want to remind the Arctic research community that we've newly launched office hours for every third Wednesday of each month from 11 am-12 pm Pacific Time. It will be a chance to bring any questions about your metadata, dataset submission, or anything else related to publishing to the ADC. Read on for more exciting updates, new opportunities, and more!

Newsletter At a Glance

- ADC Office Hours: Every 3rd Wednesday of the Month
- Dataset Highlight: Ziker Highlight
- MetacatUI Release 2.41.0
- Latest Datasets
- PSECCO Community Call
- Permafrost Discovery Gateway Fall Webinar Series
- Events at AGU
- New Paper Releases
- Opportunities and more!

Every third Wednesday of the month at 11:00 am Pacific Time

Arctic Data Center Office Hours

Need help with your data? We now host monthly office hours for one-on-one support with data submissions, metadata, and data discovery. Join us on the **third Wednesday of each month from 11:00 am-12:00 pm Pacific Time** to book a 15-minute session, and we'll send a confirmation once your slot is approved. Learn more and sign up at arcticdata.io.



Book and office hours session



New Dataset Highlight

Where the Reindeer Go: Herder Knowledge in a Changing Arctic

Our latest Dataset Highlight features John Ziker and his team. Their team partnered with the Sattasniemi Reindeer Herding Cooperative in Finnish Lapland to co-design a survey ranking which land cover types reindeer prefer throughout the year. Read the full blog to learn more!

Read Dataset Highlight

New Software Release

MetacatUI Release 2.41.0

With our latest MetacatUI Release, you can now add interactive maps, directly manage data layers in the portal editor, see when map layers are loading, and name portals as you choose. Want to learn more about these new features and big fixes? Read our latest blog and our developers' notes for more details.

Read more about this



Recorded Webinar on YouTube

Watch the Recording of our Webinar with the Permafrost Discovery Gateway

In our latest webinar with the Permafrost Discovery Gateway, we discussed the behind-the-scenes work that makes large geospatial datasets easier for researchers to explore, and shared what's next for Arctic Data Center data portals. To learn more, watch the recording on YouTube!

Watch the Recording

Latest Datasets

Explore the full catalog

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

Oceanography

Moore, 2026

This dataset contains coordinated biological and environmental observations from five Distributed Biological Observatory sites in the Pacific Arctic, tracking ecosystem responses to sea ice and oceanographic change.

View Dataset

Geochemistry

Smith et al., 2026

This dataset contains a multi-year river water chemistry and stable isotope measurements from four locations along the Yukon River, supporting research on Arctic hydrology, biogeochemistry, and carbon cycling.

View Dataset

Economics

Kandel, 2026

This dataset contains an anonymized record of the top 100 Arctic vessel voyages each year, showing which national waters ships pass through, to support economic risk analysis.

View Dataset

Partner News & Opportunities



Thursday, November 12, 2026 12:00pm MT

PSECCO Community Call

The Polar Science Early Career Community Office (PSECCO) will host a community call open to all polar early career scientists and allies on November 12, 2026. During the call, participants will have the opportunity to share perspectives on emerging community needs and learn more about PSECCO's future focus areas, including continued support for mentorship

opportunities, regional hub development, and online professional development programming. Updates will also be provided on changes to PSECCO's scope of work and the activities that will shape the community office over the next two years. **Register here.**

Register for the PSECCO Community Call

Thursday, November 12, 2026 at 9:00 am AKT

Permafrost Discovery Gateway Fall Webinar Series

Join the Permafrost Discovery Gateway (PDG) for the final two webinars of the series. On Thursday, November 12, at 9:00 am AKST, Wenwen Li from Arizona State University will share her work with the PDG, followed by Emine Senkarsesler from the University of Illinois on Thursday, December 17. Stay connected with the PDG, and add their webinar series to your Google calendar!



Link to Zoom

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

Sign-up by November 15

Attending AGU this year?

AGU ANNUAL MEETING
7–11 December 2026 | San Francisco, CA

The **AGU Cryosphere Section** is organizing ***CryoCoffee***, a mentorship and networking opportunity that pairs scientists across career stages for informal conversations during Fall Meeting.

Mentor and mentee sign-ups are open through **November 15**. Graduate students, postdocs, and early-career researchers are especially encouraged to participate. More information and registration links below:

- Mentee sign-up: https://docs.google.com/forms/...
- Mentor sign-up: https://docs.google.com/forms/...

Wednesday, December 9, 6:00 PM to 8:30 PM PT

Ready to spark conversation?

Spark@AGU talks are a dynamic five minutes of exactly 20 auto-advancing slides! This isn't your typical research presentation. Speakers create a theatrical or interactive experience focused on sharing ideas and making new connections. In the spirit of the event, we want to see you break the mold and spark new conversations. If you love discussing science, ideas, and anything that broadens our understanding of the Earth, then Spark@AGU is for you!

Learn more about event

Wednesday, December 2, 2026 at 1700 UTC

Earth Science Women's Network Webinar: The Importance of Lifting Each Other Up

ESWN Earth Science WOMEN'S NETWORK

ESWN is organising a webinar specifically focused on these concepts, aimed at researchers and professionals from all career levels and sectors on Wednesday December 2 2026 at 1700 UTC. Through this webinar we aim to highlight good practices in allyship, sponsorship and mentorship, drawing on the insights and experiences of different individuals located internationally. We hope to educate, empower and inspire the ESWN community, as well as provide support.

The webinar is designed as a panel event with multiple speakers and will be held virtually using Zoom. Register here: https://forms.gle/BZ5LiZ5DoRhQ...

Register for event

New Paper Releases

Let's talk data archiving: practical insights into FAIR and long-term data management from early-career perspectives

Nicole Greco, Community Engagement and Outreach Coordinator at the Arctic Data Center, is featured in a new report with Joana Steffens and others on making data archiving part of everyday research. Based on an APECS Germany seminar, they discuss that planning data management early, with strong metadata and persistent identifiers, saves effort later and makes research more reproducible and impactful. Read the full report here.

Read Article

Kilometer-scale distributed temperature sensing reveals heterogeneous permafrost warming near Arctic infrastructure

Ji et al. explore how permafrost is warming near Utqiaġvik, Alaska, where roads and buildings sit alongside ice-wedge polygon tundra. Using a 2-km buried fiber-optic cable that recorded ground temperatures from 2021 to 2024, their team found that ground near infrastructure stays consistently warmer than the surrounding tundra, and they built a model projecting continued warming through 2075. This paper draws on their team's temperature dataset archived at the Arctic Data Center. Read the full preprint.

Read Article

Machine learning for cryospheric mass movements: challenges and pathways

Pei et al. explore how machine learning can help predict cryospheric mass movements, such as landslides and thaw slumps, which are accelerating as the Arctic warms. The team outlines a roadmap built on shared datasets, model outputs, and cross-disciplinary collaboration, and calls for continued data sharing through platforms like the Arctic Data Center. Read the full article below.

Read Article

Other Opportunities

Job Opportunities

- Assistant or Associate Professor of Earth and Environmental Sciences at University of Kentucky (https://ukjobs.uky.edu/posting...)
- Researcher Assistant at Geochronology and Sedimentary Records of Environmental Change Laboratory at NAU (https://careers.nau.edu/jobs/r...)
- Researcher Associate at Geochronology and Sedimentary Records of Environmental Change Laboratory at NAU (https://careers.nau.edu/jobs/r...)

Postdoc Opportunities

- Interest in NSF COLDEX graduate student positions? (https://coldex.org/grad-studen...)
- 2027 SCAR Ant-ICON/SC-ATS Science-Policy Fellowship Programme (https://scar.org/fellowships-a...)
- Postdoc position to study subglacial meltwater beneath the Greenland Ice Sheet at DTU Space (https://efzu.fa.em2.oracleclou...)
- PhD position in iceberg-ocean interactions at the University of Sheffield (https://www.findaphd.com/phds/...)
- Postdoctoral Position in ML for Climate/Polar Oceans in Lyon, France (https://assets.ctfassets.net/b...)

Conferences and Workshops

- ArcticNet's Annual Scientific Meeting (ASM) 2026 in Halifax, December 7-10, 2026 (https://event.fourwaves.com/as...)
- AGU 2026 Annual Meeting in San Francisco, CA, December 7-11, 2026 (https://www.agu.org/annual-mee...)
- 2027 Alaska Marine Science Symposium, January 25-29, 2027 in Anchorage, Alaska (https://www.alaskamarinescienc...)
- Arctic Frontiers conference: Information/Disinformation in Tromsø, Norway, February 1-4, 2027 (https://arcticfrontiers.com/)

Browse Past Newsletters Here



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