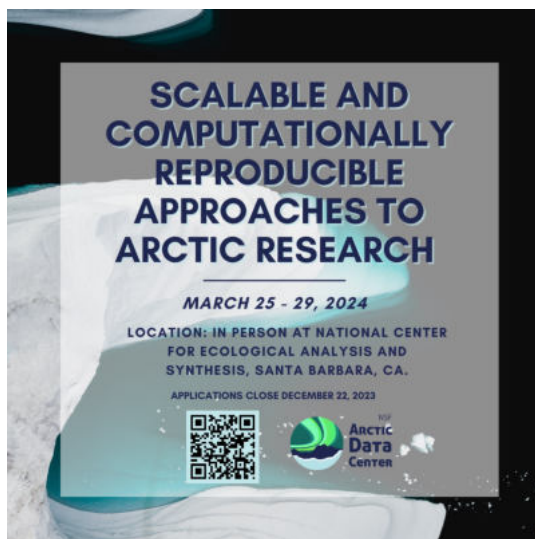




Happy November! We're excited to announce applications for our 'Scalable and Computationally Reproducible Approaches to Arctic Research' in-person workshop are open. More thrilling news, catch the Arctic Data Center team in-person at the [2023 American Geophysical Union \(AGU\) Annual Meeting](#) in San Francisco from December 11th to the 15th. Swing by our booth; we can't wait to connect with you!



March 25th - March 29th, 2024

Scalable and Computationally Reproducible Approaches to Arctic Research

This in-person workshop at NCEAS in Santa Barbara will provide an overview of advanced topics in computationally reproducible research in python, including software and techniques for those working with very large datasets. We are aiming to target Arctic researchers with a solid foundation in programming and are looking to take their skills to the next level. For more info, [please out the application](#). Applications are set to close on December 22, 2023 and you can disclose if you need support for travel and/or lodging.

Topics Covered:

- Scalable computing, clouding computing concepts, and remote computing
- Parallel processing and concurrency
- Data extraction
- Large data transfer, data staging, and more!

[Link to Application](#)

Should you have any inquiries or would like an extension to apply, please feel free to contact us.
We are excited to welcome you to our data science community in the upcoming year!



Wednesday, November 30, 2023 at 9:00am-10:30am AKST

Permafrost Discovery Gateway Mini-Workshop

Overarching workshop question: *What map data & tools do you need to support communities affected by ice-rich permafrost thaw?* We are looking to hear feedback, thoughts, and comments on what geospatial data and tools are needed to support planning for communities in Alaska affected by ice-rich permafrost, both from the community to the State level. All are welcome to join, [link to full agenda here](#). Mark your calendar for tomorrow!

[Link to Zoom Meeting](#)

Permafrost Discovery Gateway Webinars



December 7, 2023

**The Arctic's fragile future:
Assessing critical landscape
conditions and vulnerabilities**



January 18, 2024

**Bridging the Gap: Enhancing
E3SM Land Model (ELM)**

on the Coastal Plain of the Arctic National Wildlife Refuge, Alaska.

In this upcoming webinar led by Neal Pastick, we will learn about the Arctic National Wildlife Refuge's coastal plain and how climate change and potential oil and gas exploration affect the landscape. This investigation utilized field surveys, remote sensing data, and advanced modeling to pinpoint vulnerable areas. Gain valuable insights for risk assessment and strategic decision-making in future development endeavors. Join us December 7th, 2023 at 9:00 AM AKST.

Simulation of Pan-Arctic Methane

Learn about the vital role of permafrost in Arctic ecosystems and its impact on climate change feedback in this webinar led by Jing Tao. Tao will explore how advanced measurements and modeling techniques are helping bridge the gap between fine-scale processes and large-scale understanding to improve our knowledge of permafrost dynamics and methane emissions. Join us January 18th, 2024 at 9:00 AM AKST.

[Add Webinar Calendar and Zoom Links!](#)

Upcoming Opportunities

[NCEAS Community Engagement and Outreach Coordinator](#)

We're hiring! NCEAS is pleased to announce we are looking for a Community Engagement and Outreach Coordinator to join our team. This candidate's primary work will be with the Arctic Data Center with potential to contribute to other NCEAS projects. The expected salary is \$65-\$80k. UCSB is an EOE/AA (including disability/vets). For more info about this opportunity, [check out the application.](#)

Application Deadline: Wednesday, Jan 3th, 2024 at 11:59pm PST

[NCEAS Learning Hub: coreR \(April 2024\)](#)

Dates: April 1-5, 2024

Location: Santa Barbara, CA

This five-day course will provide you with collaborative, open, reproducible and essential environmental data science skills for your research. This course is designed for researchers across career stages and sectors, and uses R as the primary programming language. More info [here.](#)

Application Deadline: Friday, February 16, 2024

Best regards,

Angie Garcia Community Engagement and Outreach Coordinator

✉ agarcia@nceas.ucsb.edu



You received this email because you signed up on our website or have submitted data to the Arctic Data Center.

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