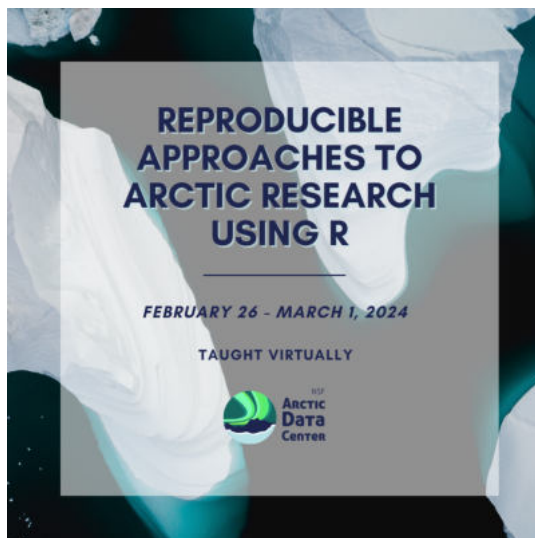Happy October! We're excited to share that we are currently in the completing our evaluation of applicants for our upcoming in-person 'Fundamentals of Qualitative and Quantitative Arctic Research Using R' course, set to take place this January. We will be reaching out soon to the selected participants. But that's not all! Applications for our virtual 'Reproducible Approaches to Arctic Data Using R' course are still open. This is your chance to join us from anywhere, and remember, if this course doesn't align with your needs, be on the lookout for applications for our other in-person training coming next month.

February 26th - March 1st, 2024 (Virtually)

Reproducible Approaches to Arctic Data using R

This remote workshop will provide an overview of best data management practices, data science tools for cleaning and analyzing data, and concrete steps and methods for more easily documenting and preserving their data at the Arctic Data Center. **Learn more and apply by October 31, 2023.**

Topics Covered:

- Data Cleaning & Analysis with R, Rmarkdown
- Git/GitHub for Code Versioning
- Ethical Data Procedures (CARE Principles)
- 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!**

Permafrost Discovery Gateway Webinars

November 30, 2023

A Frozen History of Meandering: Mapping and Modeling Permafrost Polygons on Point Bars

Explore unique permafrost polygon patterns in Arctic rivers, particularly in Siberia, using an advanced Unet-type neural network for mapping. Discover the hidden connections between these patterns and their potential formation through a meandering model in this upcoming webinar led by Zoltan Sylvester. Join us November 9, 2023 at 9:00 AM AKST.

Bridging the Gap: Enhancing E3SM Land Model (ELM) 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 November 30, 2023 at 9:00 AM AKST.

Add Webinar Calendar and Zoom Links!

Upcoming Opportunities

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

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