



NCAR
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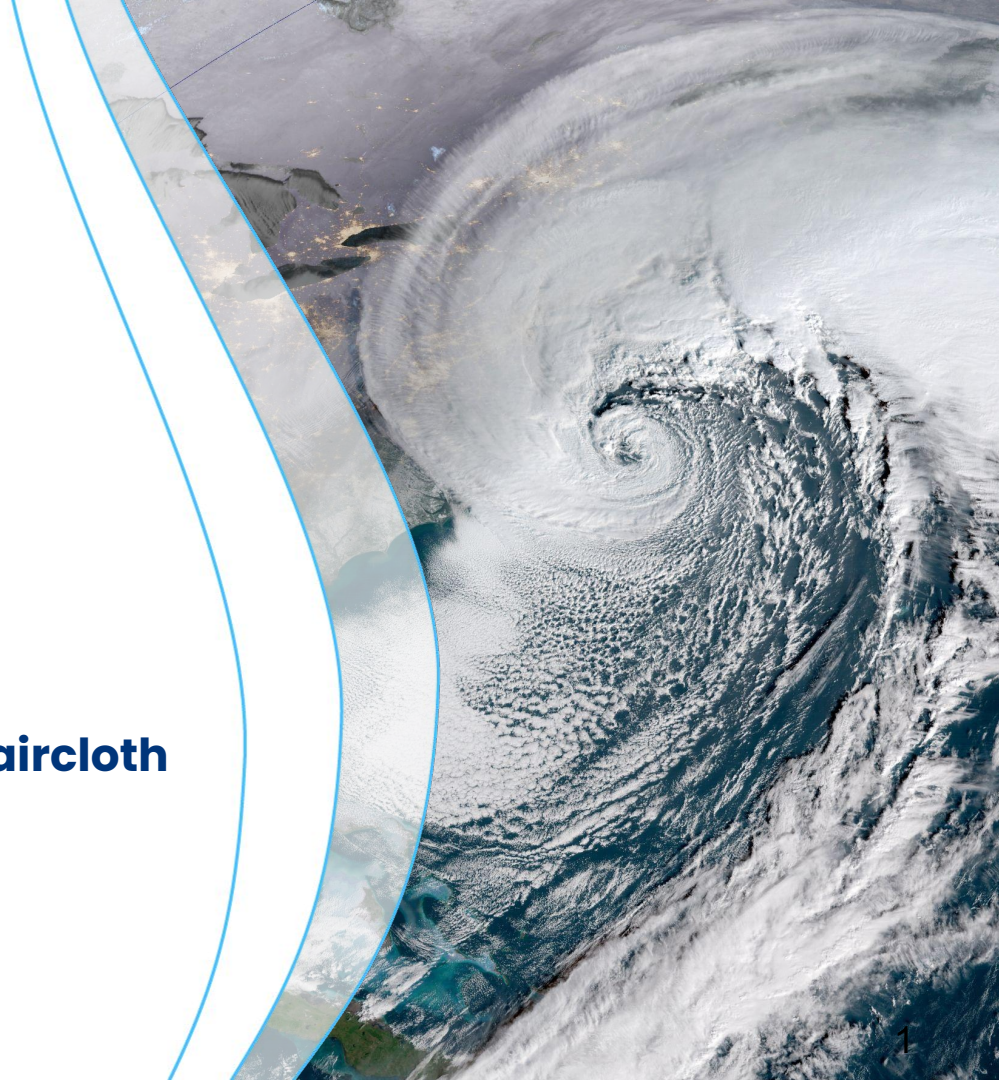
July 8, 2026

2026 CESM Tutorial

Daily logistics

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NCAR CGD

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Agenda



- 8:30–9:15 Ocean Modeling I: basics and overview of models (*Gustavo Marques*)
- 9:15–9:30 Break (coffee + snack)
- 9:30–10:15 Ocean Modeling II: parameterizations/physics (*Peter Gent*)
- 10:15–10:30 Break (snacks)
- 10:30–10:45 Intro to Lab: Namelist and code changes (*Cécile Hannay*)
- 10:45–12:00 Lab exercises (*Library*)
- 12:00–1:15 Lunch on your own + activities
- 12:00–1:00: ML private tour (Meet at noon *front door*)
 - 12:15–1:00: Meet an expert (*Breakout rooms to be assigned, Dave Lawrence, Peter Lauritzen, Dave Bailey, Kristen Krumhardt, Jiang Zhu, Aixue Hu, Adrianna Foster*)
- 1:15–2:00 Ocean Modeling III: biogeochemistry (*Keith Lindsay*)
- 2:00–2:15 Break
- 2:15–2:25 Lab exercises check in
- 2:25–4:20 Lab exercises (*Library*)
- 4:20–4:35 Daily debrief
- 4:45 Shuttle Departs ML

Lab Documentation



<https://ncar.github.io/CESM-Tutorial/README.html>

Rough guidelines for the lab

Day 1: Basics

Day 2: Simple xml modifications

Day 3: Namelist, Troubleshooting, Source Mods

Day 4: Diagnostics

Day 5: Challenge exercises

BUT

This is a **self-paced lab**.

We all come from different backgrounds.

Some people will move faster, and some will move slower. It's completely okay.

