



NCAR
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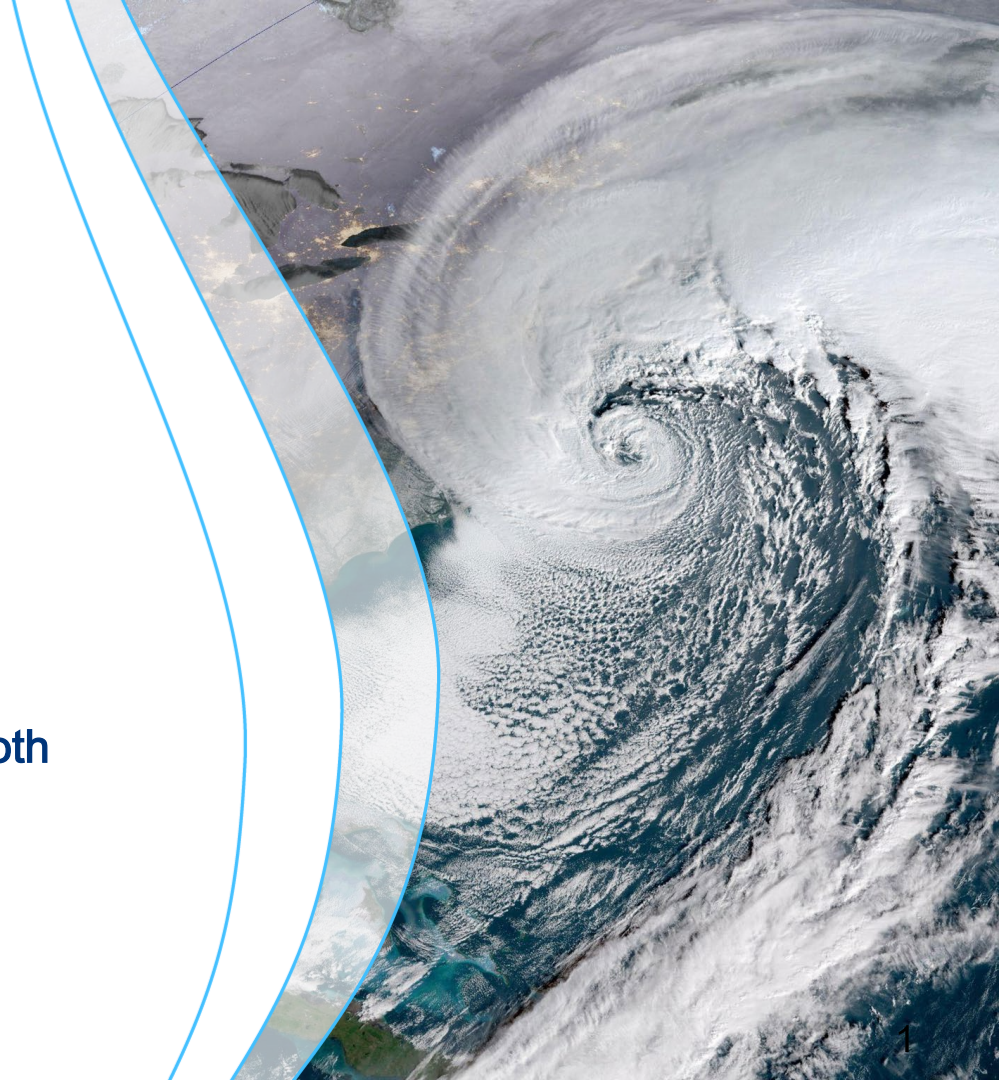
July 9, 2026

2026 CESM Tutorial

Daily logistics

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NCAR CGD

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Agenda



- 8:30- 9:00 CAM- chem (*Rebecca Buchholz*)
- 9:00- 9:15 Break (Group photo)
- 9:15- 9:45 WACCM/WACCM- X (*Mijeong Park & Nick Pedatella*)
- 9:45- 10:15 Break
- 10:15- 10:45 Paleoclimate (*Jiang Zhu*)
- 10:45- 11:00 Intro to Lab: diagnostics (*Jesse Nusbaumer*)
- 11:00- 12:00 Lab exercises (*Library*)
- 12:00- 1:15 Lunch on your own + activities
- 12:15- 1:00: Meet an expert (*Breakout rooms to be assigned, Kyle Nardi & Christine Shields, Jesse Nusbaumer, Laura Landrum, William Xu, Katie Dagon, Bette Otto - Bliesner*)
- 1:15- 2:00 Land Ice Modeling (*Gunter Leguy*)
- 2:00- 2:15 Break
- 2:15- 2:45 Climate Variability (*Clara Deser*)
- 2:45- 2:55 Lab exercises check in
- 2:55- 4:20 Lab exercises (*Library*)
- 4:20- 4:35 Daily debrief
- 4:45 Shuttle Departs ML

<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

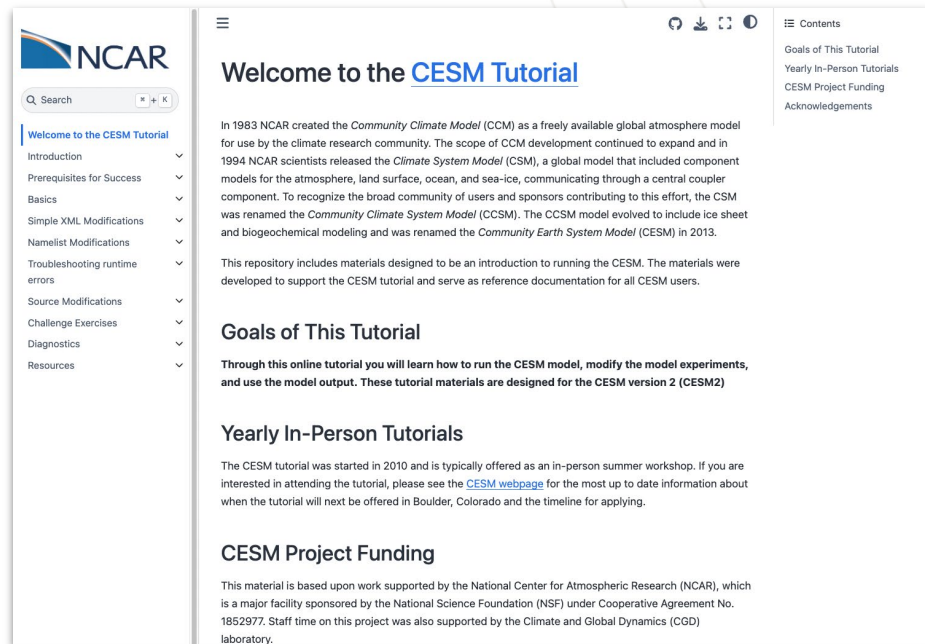
Day 5: Challenge exercises

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.



The screenshot shows the NCAR CESM Tutorial README page. The left sidebar contains a table of contents with links to Introduction, Prerequisites for Success, Basics, Simple XML Modifications, Namelist Modifications, Troubleshooting runtime errors, Source Modifications, Challenge Exercises, Diagnostics, and Resources. The main content area is titled "Welcome to the CESM Tutorial" and includes a paragraph about the history of the CESM model, a section for "Goals of This Tutorial" stating that the tutorial is for learning to run the CESM model, modify experiments, and use the output, and a section for "Yearly In-Person Tutorials" mentioning the tutorial's start in 2010 and its typical format as an in-person summer workshop. The bottom section, "CESM Project Funding", mentions support from the National Science Foundation (NSF) and the Climate and Global Dynamics (CGD) laboratory.