



2025 CESM Tutorial

Daily Logistics

Hui Li
CGD, NSF NCAR

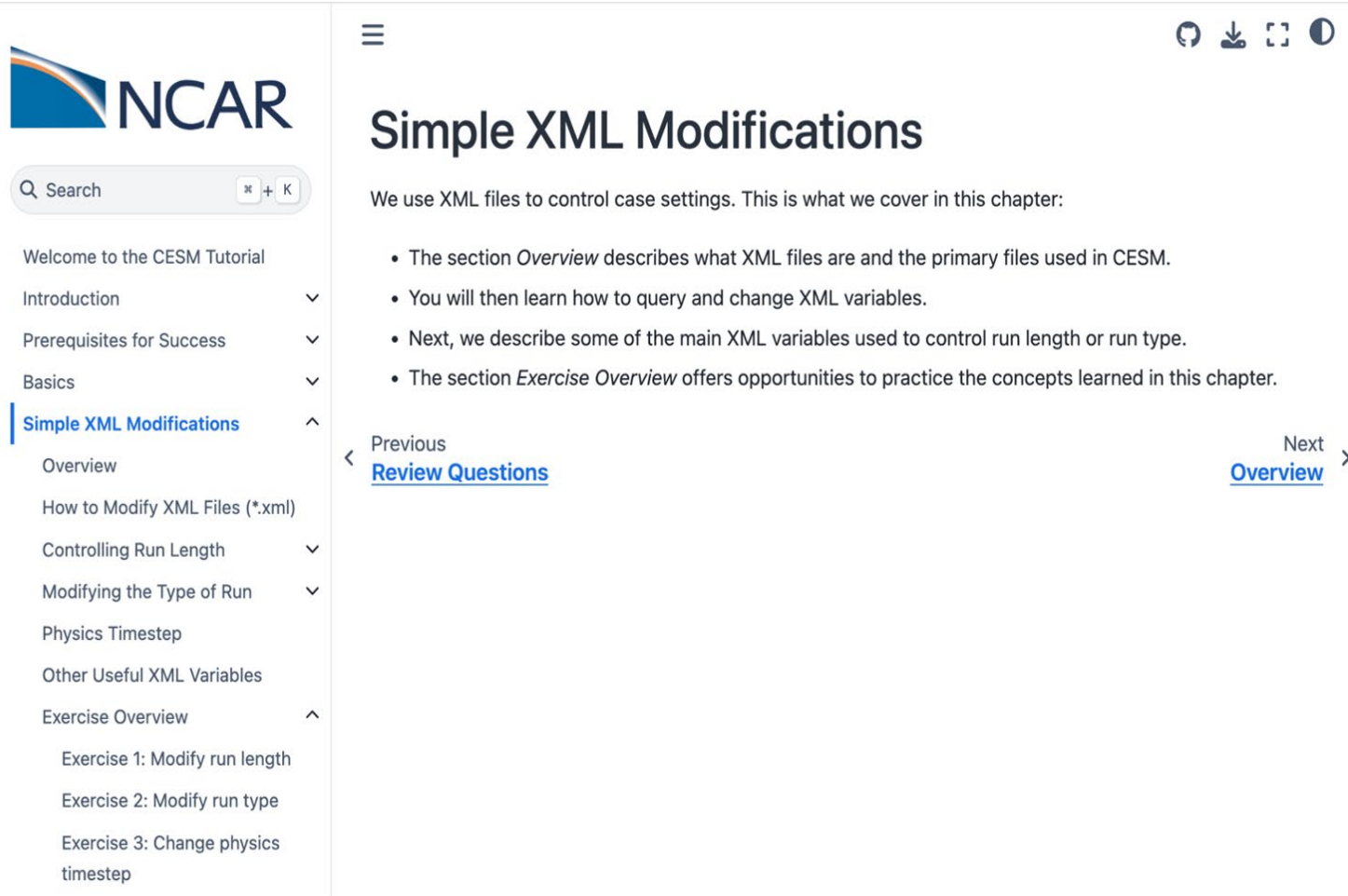
Jul 7-11, 2025

Agenda

- 8:30-9:15 Land Modeling I: Biogeophysics (*Will Wieder*)
- 9:15-9:30 Break (coffee)
- 9:30-10:15 Land Modeling II: Biogeochemistry/ecosystems (*Adrianna Foster*)
- 10:15-10:30 Break (snacks)
- 10:30-10:45 Intro to Lab: XML changes (*Hui Li*)
- 10:45-12:00 Lab exercises (**Library**)
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- 12:00-1:15 Lunch on your own + activities
ML private tour (12:00-1:00)
Meet a scientist (**Breakout rooms**: 12:15-1:00)
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- 1:15-2:00 Sea-Ice Modeling (*Alice DuVivier*)
- 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

Meet a Scientist

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



The screenshot shows the NCAR website interface. On the left is a navigation sidebar with the NCAR logo and a search bar. The main content area is titled 'Simple XML Modifications' and includes a list of bullet points, a 'Previous' link to 'Review Questions', and a 'Next' link to 'Overview'. The sidebar menu is expanded to show 'Simple XML Modifications' with sub-items like 'Overview', 'How to Modify XML Files (*.xml)', 'Controlling Run Length', 'Modifying the Type of Run', 'Physics Timestep', 'Other Useful XML Variables', and 'Exercise Overview'.

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.