

Nov 17, 2026

2026 CLM Tutorial

Daily logistics

NCAR CGD

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Agenda

8:25-8:30	Daily logistics
8:30-9:15	Hillslope Hydrology (+snow & general hydrology intro) (*Sean Swenson*)
9:15-9:30	Break (coffee)
9:30-10:00	Lake and River (*Naoki Mizukami*)
10:00-10:15	Break (snacks)
10:15-10:30	Intro to Lab: Modifying your experimental design XML & namelist changes (*Adrianna Foster*)
10:30-12:00	Lab exercises (Library)
12:00-1:15	Lunch on your own + activities • 12:15-1:00: Meet an expert (Breakout rooms to be assigned, *Will Wieder, Adrianna Foster, Sean Swenson, Erik Kluzek*)
1:15-1:45	CLM Urban Model (CLM-U) (*Keith Oleson*)
1:45-2:00	Break
2:00-2:20	Lab exercises check in
2:20-4:20	Lab exercises (Library)
4:25-4:35	Daily debrief
4:45	Adjourn
6:00	Optional Tutorial Dinner @ Avanti 1401 Pearl Street

Monday Lab Review

4 steps to running a CLM Case



Monday Lab Review

4 steps to running a CLM Case

1. Create_new_case
2. case.**setup**
3. case.**build**
4. case.**submit**



Monday Lab Review

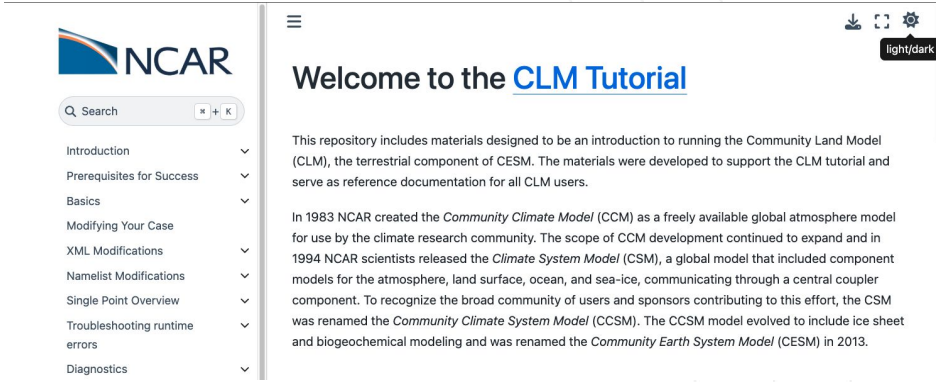
4 steps to running a CLM Case

1. Create_new_case
   a. COMPSET
   b. RESOLUTION
2. case.**setup**
3. case.**build**
4. case.**submit**



Lab Documentation

https://ncar.github.io/CLM-Tutorial/README.html



Rough guidelines for the lab

Mon: CLM basics
Tues: Modifying your experimental design
Weds: Single point
Thurs: Diagnostics lab:

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.