We look forward to your attendance at the CADRE/EPIC Data Assimilation Training!

In this message we cover logistics (including transportation), computer and technology requirements, and pre-requisite knowledge expectations.

Logistics

Getting from/to Denver airport to/from Fort Collins:

It is about a 1-hour drive and public transportation is cumbersome.

Groome- Groome groometransportation.com from DIA to hotels or CSU Transit Center

Landline: Landline (https://landline.com/) from DIA to CSU Transit Center. Only 7 or so routes per day but $35 each way on a comfortable wifi enabled bus.

Bustang- (not recommended) take a Train from DIA to Union Station Denver - Bustang (https://ridebustang.com/fares/) from Union Station to Fort Collins Transit Center - Uber to CSU

Lyft/Uber: - DIA to CSU is available but tends to run about $100+ each way- if there are multiple people riding together, this could be an option.

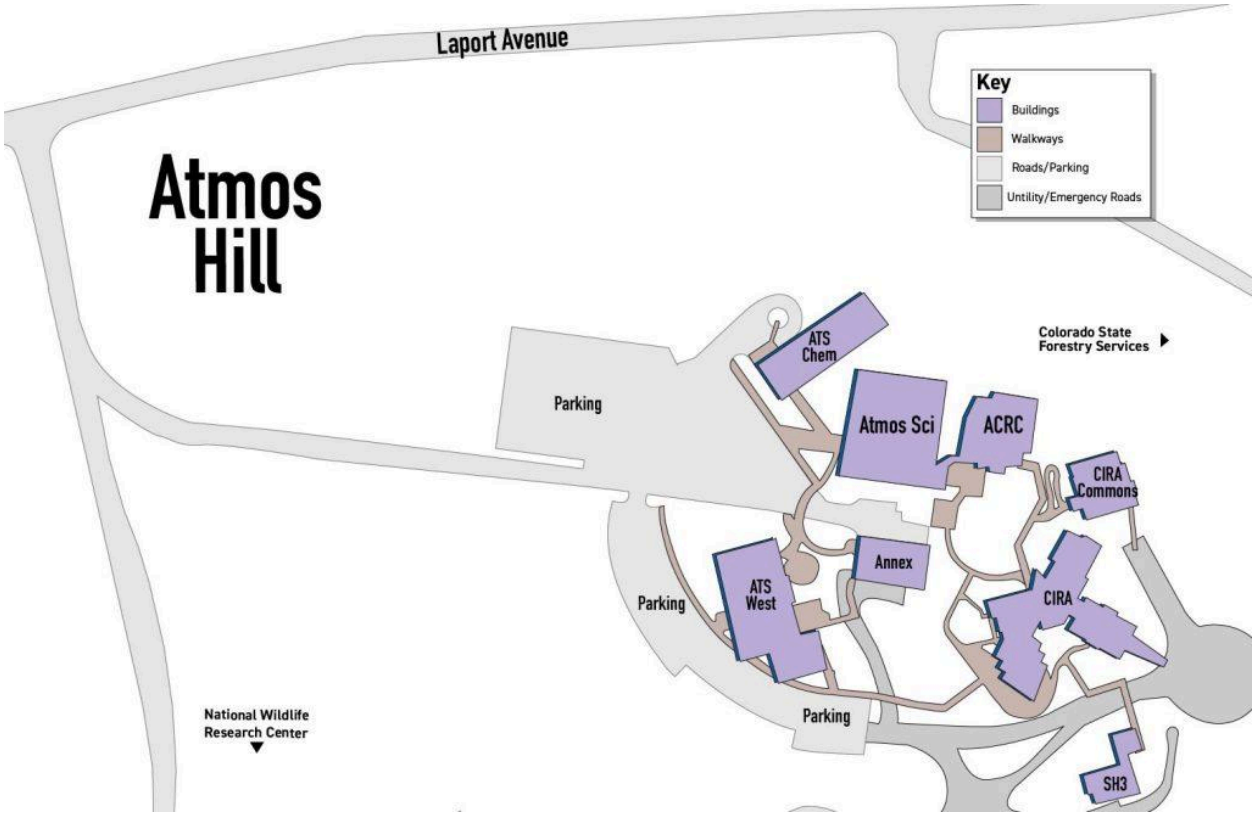
Rental car: Rental Cars are available at DIA airport

FoCo TransFort for intra city transportation, as desired: https://ridetransfort.com/

The cost of parking at the workshop is $10-15 per day. Parking information for CIRA commons building:
https://drive.google.com/file/d/1AIya9RliFEoBkoJh04v2SGcUdO9_Kbi3/view?usp=sharing

Getting to/from Workshop from/to CSU Guest Housing:

The workshop is at the CIRA commons building on the map below. The address of CIRA is
Atmospheric Science Campus
Colorado State University,
3925A West Laporte Ave.
Fort Collins, Colorado 80521



A free bus will pick up at CSU Guest Housing at Pinon Hall in Laurel Village (900 W. Plum St.; red circle below) and Academic Village Engineering (816 W. Pitkin St.; blue circle below) at 7:50am and 7:55am, respectively, on day 1 of the workshop. On days 2-3, the bus will pick up at 8:20am and 8:25am, respectively.

The bus will depart the workshop at 5:30pm Wednesday and Thursday, 5:45pm on Friday, and return to CSU Guest Housing.

Registration table will be in CIRA commons building. Registration opens at 8:15am on day 1 of the workshop. The workshop starts at 8:45am each day.

Meals:

Lunch will be provided at the workshop for all attendees.

For breakfast and dinner, CSU dining is the most convenient option. Details about CSU dining can be found at https://ces.colostate.edu/visitorinfo-gh/. For those with lodging paid directly by CADRE, breakfast and dinner at CSU dining are already included with the lodging (See information from CSU regarding meal cards).

CSU dining opens at 7am in the morning.

Computer and Technology Requirements

All attendees are required to bring their own laptop and charging cord.

If using a Mac: XQuartz (https://www.xquartz.org/), or equivalent, is needed to be able to view graphics on remote machine during hands-on exercises (https://www.bu.edu/tech/support/research/system-usage/connect-scc/ssh-x-forwarding/).

If using Windows: terminal emulator with X-server (recommendation: MobaXterm, https://mobaxterm.mobatek.net/) is needed to be able ssh to remote machine

Although you won't be able to log into the supercomputer used for the hands-on tutorials until the workshop starts, you can look over the steps needed to generate a public key needed to login at: https://github.com/NOAA-EPIC/CADRE-DA-training/tree/main/Day1

Please join our slack workspace, which will be used for some communications during the workshop:
https://join.slack.com/t/epicworkshops-pza9734/shared_invite/zt-35qo7i72c-Gpr4w64KU~oYLL~ZdeDxwA
and the #cadre-epic-data-assimilation-training channel:
https://epicworkshops-pza9734.slack.com/archives/C08TEU4M4N4.
The web browser version may be used if you are on a device where the desktop version can't be downloaded.

If you do not have a GitHub account, please register for one before arriving to get the most out of the message board and Q&A capabilities of the hands-on tutorials.
GitHub Registration and Posting Guidelines:
https://epic.noaa.gov/wp-content/uploads/2023/11/Registration-and-Posting-on-the-UFS-Community-GitHub-Repository.pdf

Pre-requisite knowledge expectations

Familiarity with basic linux commands (e.g., https://www.geeksforgeeks.org/linux-commands-cheat-sheet/ for refresher/reference)

Basic programming, particularly in Python (one of many python tutorials available online: https://docs.python.org/3/tutorial/index.html)

Knowledge of basic statistics and some linear algebra are recommended. A brief review of the underlying mathematics and statistics can be found at: https://drive.google.com/file/d/1XjSRrrFa0jlCREYPPZvaROCP7IOuhigT/view?usp=sharing

Some experience with atmospheric or earth system phenomena and predictability is helpful, but not required.