

Workshop
and Tutorial
Boulder, Colorado
3 - 7 August 2015

Frontiers in Ensemble Data Assimilation for Geoscience Applications

WORKSHOP

The workshop is open to all researchers interested in exploring the current techniques and applications of data assimilation in the geosciences. It will focus on ensemble data assimilation for atmosphere, ocean, land, and coupled earth system models along with hybrid ensemble variational assimilation techniques.

GRADUATE STUDENT TUTORIAL

The accompanying tutorial will prepare graduate students with an interest in data assimilation to be active participants in the workshop. By the end of the week, students will be ready to perform research using the Data Assimilation Research Testbed (DART) community software facility with a variety of geoscience models and observations.

The tutorial will cover:

- A basic introduction to ensemble data assimilation with idealized models.
- The fundamental concepts of DART and useful diagnostics.
- Using DART with the Weather Research and Forecast model (WRF).
- Using DART with the Community Earth System Model (CESM).

REGISTRATION AND APPLICATION PROCEDURES

The website is now open for Workshop Registration and Tutorial Application.

Students interested in attending the tutorial must submit a letter of application stating research interests.

Tutorial Application materials must be received by 31 March 2015.

The tutorial is limited to 24 students.

FINANCIAL AID is available for students who would otherwise not be able to attend.

MORE INFORMATION AND REGISTRATION CAN BE FOUND AT

www2.cisl.ucar.edu/ens_da_frontiers



All sessions will be held at the National Center for Atmospheric Research's Mesa Laboratory, located in the foothills above beautiful Boulder, Colorado