

ICAP Ensemble Workshop

May 11 - 13, 2011
LASP, Boulder, CO

Meeting Goals

- Provide baseline information on how the NWP community currently assembles and evaluates ensembles, including recent efforts in multi-model ensembles.
- Determine computational and infrastructure needs for generating and disseminating the multi-model ensemble of aerosol forecasts.
- Suggest metrics for evaluating the value and skill of the multi-model ensemble.
- Plan for advancing research on ensemble aerosol forecasting and ensemble-based data assimilation issues.

Agenda

11-May

Start	End	Time	Item	Contact
8:00 AM	8:30 AM		0:30 Registration	Peter Colarco, NASA/GSFC
8:30 AM	9:00 AM		0:30 Preliminaries and welcome	Peter Colarco, NASA/GSFC and Brian Toon, CU
9:00 AM	9:40 AM		0:40 Ensemble Forecasting: Beyond Error Bars	Jim Hansen, NRL
9:40 AM	10:20 AM		0:40 JMA: Fundamentals of EnKF in an operational system	Thomas Sekiyama, MRI
10:20 AM	10:40 AM		0:20 Break	
10:40 AM	11:10 AM		0:30 NASA	Peter Colarco, NASA/GSFC
11:10 AM	11:40 AM		0:30 ECMWF	Angela Benedetti, ECMWF
11:40 AM	12:10 PM		0:30 NCEP	Sarah Lu, NCEP
12:10 PM	1:40 PM		1:30 Lunch	
1:40 PM	2:10 PM		0:30 The NRL and ICAP Multi-Model Ensembles	Walter Sessions, CSC
2:10 PM	3:40 PM		1:30 DART-Overview	Jeff Anderson, UCAR/DART
3:40 PM	4:00 PM		0:20 Break	
4:00 PM	5:00 PM		1:00 Ensemble Testbed	Tara Jensen, UCAR/DTC
Total			9:00	

12-May

Start	End	Time	Item	Contact
8:30 AM	9:00 AM		0:30 The GOSAT paradigm	Nick Schutgens, Tokyo University
9:00 AM	9:30 AM		0:30 Verification 1: AOT and Radiation Products	Jeffrey Reid, NRL; Ed Hyer, NRL
9:30 AM	10:00 AM		0:30 Verification 2: Surface Concentrations	Miha Razinger, ECMWF
10:00 AM	10:30 AM		0:30 Break	
10:30 AM	11:00 AM		0:30 Verification 3: Lidar	Chip Trepte, NASA/LaRC
11:00 AM	11:30 AM		0:30 Verification 4: The own analysis	Randall Johnson, UND
11:30 AM	12:00 PM		0:30 CLIPER: Climatology-Persistence Model	Jeffrey Reid, NRL
12:00 PM	1:30 PM		1:30 Lunch	
1:30 PM	2:00 PM		0:30 WMO Requirements	John Ogren, NOAA/ESRL; Angela Benedetti, ECMWF
2:00 PM	3:30 PM		1:30 MET	Tara Jensen, UCAR/DTC, Tressa Fowler, UCAR
3:30 PM	4:00 PM		0:30 Break	
4:00 PM	5:00 PM		1:00 Discussion: ICAP Multi-model ensemble	Walter Sessions, CSC
Total			8:30	

13-May

Start	End	Time	Item	Contact
8:30 AM	9:30 AM		1:00 Discussion: EnKF	Jim Hansen, NRL; Nick Schutgens, Tokyo University; Thomas Sekiyama, MRI
9:30 AM	10:30 AM		1:00 Discussion: Verification	Angela Benedetti, ECMWF
10:30 AM	11:00 AM		0:30 Break	
11:00 AM	12:00 PM		1:00 Discussion: What's Next?	Peter Colarco, NASA/GSFC
12:00 PM	12:30 PM		0:30 Adjourn	
Total			4:00	