

CESM Whole Atmosphere Working Group Meeting
12 – 13 February 2014
Mesa Lab, Main Seminar Room
National Center for Atmospheric Research – Boulder, Colorado

>>>> **Webcast:** www.fin.ucar.edu/it/mms/ml-live.htm <<<<

WEDNESDAY, 12 February

Joint Session: AMWG / WAWG

1:15	The QBO in Satellite Microwave Observations and Climate Models	Curt Covey
1:35	SC-WACCM: A dynamics-only version of WACCM (with specified chemistry)	Karen Smith
1:55	Effects of increased vertical resolution on the simulation of mean climate and the Quasi-Biennial Oscillation	Yaga Richter
2:15	Toward a prognostic representation of stratospheric sulfate aerosol in CESM	Mike Mills
2:35	Building a sectional aerosol model in CAM5	Pengfei Wu
2:55	CAM angular momentum conservation on slow rotators	Eric Larson
3:15	<i>Break</i>	
3:45	Discussion (Vertical resolution development, model top, momentum parameterization, prognostic volcanic aerosols)	
5:00	<i>Reception (WAWG only) – Damon Room</i>	

THURSDAY, 13 February

8:00	<i>Coffee</i>	
8:30	State of WACCM	Andrew Gettelman
8:45	The westward large-scale dynamical behavior of the lower thermosphere Simulated by WACCMX-SD	Fabrizio Sassi
9:00	CCMI SD-WACCM: Contrasting the middle atmosphere and troposphere/ Stratosphere/MLT chemical mechanisms	Doug Kinnison
9:15	Polar stratospheric clouds with CARMA in CESM (WACCM)	Yunqian Zhu
9:30	the importance of accurately representing aerosols from large volcanic eruptions	Jason English
9:45	A new and improved prescribed representation of the stratospheric aerosol Layer for all flavors of CESM	Ryan Neely
10:00	<i>Break</i>	
10:30	Inertial gravity wave parameterization extension for CESM (WACCM)	Rolando Garcia
10:45	Preliminary evaluation of gravity wave forcing in WACCM-SE NE120/L209	Hanli Liu
11:00	How well does SD-WACCM constrain dynamical variability in the mesosphere?	Anne Smith
11:15	WACCM development discussion	Co-chairs
12:30	<i>Adjourn</i>	