

**CESM Atmosphere Working Group Session
Wednesday, 19 June 2019**

NCAR – Boulder, Colorado – Center Green Auditorium – Center Bay

>>>> Webcast: <http://www.fin.ucar.edu/it/mms/cg-center-live.htm> <<<<<

- 8:30 Julio Bacmeister – Introduction and Update
- 8:45 Andrew Gettelman - High CESM2 equilibrium climate sensitivity and how we got there
- 9:00 Isla Simpson - An evaluation of the large scale atmospheric circulation and its variability in CESM2
- 9:15 Joao Teixeira - Eddy-Diffusivity/Mass-Flux (EDMF) Parameterization: Recent developments
- 9:30 Longlei Li - An improved dust emission parameterization for CESM
- 9:45 Kevin Raeder - A 10 Year CAM6 Ensemble reanalysis to support CESM research and development
- 10:00 BREAK
- 10:30 Charles Jackson - Bayesian calibration of central plains shallow cumulus within SCAM using the CASS observational ensemble
- 10:45 Kevin Reed - Clouds and convection in RCEMIP simulations with CAM and a hierarchy of models
- 11:00 Brian Medeiros - Idealized experiments to explore aerosol effects in CESM2
- 11:15 Minghui Diao - In-Situ and ground-based observations of clouds over the Southern Ocean and Antarctica and comparisons with NCAR CAM Model
- 11:30 Ben Stephens - Effect of tropical large-scale condensation on uncertainty in modeled projections of rainfall
- 11:45 Discussion
- What is, or should be, the role of CESM?
 - What should CESM focus on for the next five years?
 - What are your needs?
- 12:15 Adjourn