

24th Annual CESM Workshop
17 - 19 June 2019
Center Green Auditorium
National Center for Atmospheric Research – Boulder, Colorado

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

Monday, 17 June 2019

- 07:30 – 08:30 Registration and Continental Breakfast
08:30 – 08:40 Welcome: Everette Joseph, NCAR Director
08:40 – 09:20 State of the CESM – Gokhan Danabasoglu
09:20 – 10:00 CESM Distinguished Achievement Award
10:00 – 10:40 CESM Graduate Student Awards
10:40 – 11:10 *Break*
11:10 – 11:50 Plenary Talk – Libby Barnes (CSU) – Detecting climate signals with machine learning
11:50 – 12:30 Plenary Talk – Twila Moon (NSIDC / CU) – Land Ice: Observations and updates from the front lines
12:30 – 13:40 Lunch (*on your own*)
13:40 – 15:10 Cross-Working Group Sessions
- Future CESM atmosphere modeling across scales and applications (**Center Bay**) (Gettelman, Emmons, Mills, Tilmes)
 - Extremes (**North Bay**) (Landrum, Pendergrass)
 - Long transient simulations of glacial, inter-glacial, and future climates (**South Bay**) (Lipscomb, Otto-Bliesner, Fox-Kemper)
- 15:10 – 15:40 *Break*
15:40 – 17:00 Poster session
17:00 – 19:00 Workshop Information Exchange

Tuesday, 18 June 2019

- 07:30 – 08:30 Registration and Continental Breakfast
08:30 – 12:15 Climate Variability and Change Working Group Meeting (**Center Bay**)
08:30 – 12:15 Whole Atmosphere and Chemistry Climate Working Group Joint Meeting (**North Bay**)
08:30 – 12:15 Polar Climate and Land Ice Working Group Joint Meeting (**South Bay**)
10:00 – 10:30 *Break*
12:15 – 13:30 Lunch (*on your own*)
13:30 – 17:15 Land Model Working Group Meeting (**Center Bay**)
13:30 – 17:15 Ocean Model Working Group Meeting (**North Bay**)
13:30 – 17:15 Paleoclimate Working Group Meeting (**South Bay**)
15:00 – 15:30 *Break*
18:00 – 19:30 No Host Happy Hour – The Barrel (1710 29th Street)

Wednesday, 19 June 2019

- 07:30 – 08:30 Registration and Continental Breakfast
08:30 – 12:15 Atmosphere Model Working Group Meeting (**Center Bay**)
08:30 – 12:15 Biogeochemistry Working Group Meeting (**North Bay**)
08:30 – 12:15 Software Engineering Working Group Meeting (**South Bay**)
10:00 – 10:30 *Break*
12:15 – 13:30 Lunch (*on your own*)
13:30 – 15:00 Cross-Working Group Sessions
- Earth System Prediction (**North Bay**) (Teng, Yeager, Richter)
 - Coupling / navigating the New Arctic (**South Bay**) (Gettelman, Holland, DuVivier)
- 15:00 – 15:30 *Break*
15:30 – 17:30 Plenary – What is the niche for CESM? What should CESM do / focus on for the next five years? What are the needs? (includes one slide related discussion summaries from WGs)
- 17:30 *Adjourn*