

**CESM Ocean Model Working Group Session**  
**Tuesday, 19 June 2018**  
**NCAR – Boulder, Colorado – Center Green Auditorium – North Bay**

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

- 1:15 p.m.      Who Kim – Update on forced ocean-sea-ice simulations with JRA55-do
- 1:35 p.m.      Thi Thao Phuong Hoang – Conservative explicit local time-stepping schemes for the shallow water equations
- 1:55 p.m.      Scott Bachman – A complimentary, energetically consistent closure to the Gent-McWilliams parameterization
- 2:15 p.m.      Gustavo Marques – Improving vertical mixing parameterizations in MOM6
- 2:35 p.m.      Discussion (Transition to MOM6, sunset plan for POP)
- 3:00 p.m.      *Break*
- 3:30 p.m.      Wei-Cheng Hsu – Exploring long-term predictability of tropical cyclones using CESM Decadal Prediction Large Ensemble (CESM-DP-LE)
- 3:50 p.m.      Dan Whitt – Gulf Stream nutrient transport: Earth system model projections and uncertainties associated with small-scale ocean physics
- 4:10 p.m.      John Fasullo – Persistent polar ocean warming in a strategically geoengineered climate
- 4:30 p.m.      Cheryl Harrison – A predictive fisheries catch metric for CMIP6-OMIP Earth System models, with applications to nuclear winter and global warming scenarios
- 4:50 p.m.      Discussion (CESM-2.x, CMIP6, OMWG science goals for coming year)
- 5:10 p.m.      *Adjourn*