

CESM Ocean Model Working Group Session
Tuesday, 17 June 2014
The Village – Aspen / Blue Spruce Room – Breckenridge, Colorado

Webcast Instructions and Information: <http://www.cesm.ucar.edu/events/webcasts/>

- 8:30 a.m. Nicole Lovenduski – Natural variability in the surface ocean carbonate ion concentration
- 8:45 a.m. Who M. Kim – On the long-term AMOC changes during the 20th century: An insight from CESM Large Ensemble and forced-ocean simulations
- 9:00 a.m. Zhenya Song – The influence of ocean dynamics on the tropical Atlantic SST biases in CESM1
- 9:15 a.m. Stuart Bishop – The influence of mesoscale eddies on wintertime air-sea interaction in the Kuroshio Extension
- 9:30 a.m. Julie McClean – Testing an alternative initialization strategy for present-day transient climate simulations
- 9:45 a.m. Mark Petersen – MPAS-Ocean development
- 10:00 a.m. Keith Lindsay – Fast spin-up for tracers
- 10:15 a.m. Co-chairs – Summary of ocean model development efforts
- 10:20 a.m. Mike Levy – Community ocean Vertical Mixing framework (CVMix)
- 10:35 a.m. *Break*
- 11:00 a.m. Qing Li – Assessing the influence of surface wind waves to the global climate by incorporating WAVEWATCH III in CESM
- 11:15 a.m. Scott Reckinger – Anisotropic eddy transport of the mesoscale
- 11:30 a.m. Yu-heng Tseng – Implementation of estuary-shelf freshwater exchange parameterizations in CESM
- 11:45 a.m. Danabasoglu, Hecht, Bryan, Jayne, Gent, Large – Discussion: OMWG development timeline
- 12:15 p.m. Adjourn