

CESM Ocean Model Working Group Session
Thursday, 23 June 2016
The Village – Elk Room – Breckenridge, Colorado

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

- 8:30 a.m. Gokhan Danabasoglu – Fully-coupled and forced ocean-ice simulations towards CESM2
- 9:00 a.m. Keith Lindsay – Ocean biogeochemistry
- 9:15 a.m. Qing Li – A statistical modeling of Langmuir mixing: Effects on global climate
- 9:30 a.m. Discussion – Defining the ocean component for CESM2
- 10:00 a.m. *Break*
- 10:30 a.m. Svetlana Karol – Initial results from altimetry assimilation in POP2 ocean model
- 10:45 a.m. Brodie Pearson – Using mesoscale ocean large eddy simulation techniques in high-resolution POP
- 11:00 a.m. Ping Chang – Controlling influence of ocean mesoscale eddy – atmosphere feedback on the Kuroshio Extension Jet
- 11:15 a.m. Kristen Krumhardt – Avoidable impacts of ocean warming on marine primary productivity: Insights from the CESM ensemble simulations
- 11:30 a.m. Amanda Fay – Natural variability vs. anthropogenic trends: Detecting change in the ocean carbon sink
- 11:45 a.m. Riley Brady – Emergent anthropogenic trends in California Current upwelling in the presence of internal climate variability
- 12:00 p.m. *Adjourn*