

CESM Biogeochemistry Working Group Session
Wednesday, 22 June 2016
The Village – Elk Room – Breckenridge, Colorado

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

- 1:30 p.m. Xiangxiang Zhang – Impact of mesophyll diffusion on estimated global water use efficiency
- 1:45 p.m. Natalie Mahowald – Land use impacts on carbon cycle in extended RCP8.5 runs
- 2:00 p.m. Peter Lawrence – New transient land use and land cover change parameters for CLM5 and CESM2 for use in CMIP6
- 2:15 p.m. Cindy Nevison – Do nitrous oxide emissions offset the carbon benefits of anthropogenic N additions to land? A comparison of CLMcrop results to NOAA atmospheric inversion products over North America
- 2:30 p.m. Charlie Koven – Using a global benchmark of the relationship between climate and soil carbon turnover to assess CLM decomposition parameters
- 2:45 p.m. Jessica Liptak – Links between tropical teleconnections and variability in Amazon land-atmosphere carbon exchange in the CESM
- 3:00 p.m. *Break*
- 3:30 p.m. Forrest Hoffman – ILAMB update
- 3:45 p.m. Keith Lindsay – BGC Working Group update
- 4:00 p.m. Shanlin Wang – Biogeochemical coupling between sea ice and ocean
- 4:15 p.m. Cheryl Harrison – Carbon export at 0.1 degrees
- 4:30 p.m. Francois Primeau – Offline simulations of the marine P and O₂ cycles using tracer transport matrices from CESM-POP2
- 5:00 p.m. *Adjourn*