

CESM Biogeochemistry Working Group Session
Wednesday, 20 June 2018
NCAR – Boulder, Colorado – Center Green Auditorium – North Bay

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

- 8:15 a.m. Keith Lindsay – Biogeochemistry Working Group update
- 8:30 a.m. Keith Moore – Multicentury climate impacts on ocean biogeochemistry
- 8:45 a.m. Gretchen Keppel-Aleks – Impact of Atlantic and Pacific climate modes on Amazon carbon cycling
- 9:00 a.m. Paul Levine – Soil moisture variability intensifies and prolongs eastern Amazon temperature and carbon cycle response to ENSO in CLM4.5
- 9:15 a.m. Matthew Wozniak – The influence of vegetation canopy structure on the drivers of gross primary production
- 9:30 a.m. Abby Swann – Continental-scale consequences of tree die-offs in North America: Identifying where forest loss matters most
- 9:45 a.m. Cynthia Nevison – Nitrification, denitrification and nitrous oxide fluxes in CLM5
- 10:00 a.m. *Break*
- 10:30 a.m. Martyn Clark – CTSM update
- 10:45 a.m. Tim Hoar – Data Assimilation workflow for CTSM using DART
- 11:00 a.m. Andrew Fox – Constraining the global C cycle with multiple leaf area and biomass observations
- 11:15 a.m. Chris Lu – Matrix representation of land C and N dynamics in CTSM
- 11:30 a.m. Charlie Koven – Benchmarking FATES at BCI
- 11:45 a.m. Jackie Shuman – Importance of climate, size structure and fuels for fire: FATES-SPITFIRE
- 12:00 p.m. *Adjourn*