

CESM Biogeochemistry Working Group Session
Wednesday, 17 June 2015
The Village – Elk Room – Breckenridge, Colorado

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

- 1:30 p.m. Will Wieder – Carbon-Nitrogen cycling in CLM5
- 1:45 p.m. Mingjie Shi – Nitrogen acquisition costs to plants reduce net primary production at the global scale
- 2:00 p.m. Bill Riley – Implementing ECA kinetics for multiple nutrient constraints on carbon cycle processes
- 2:15 p.m. Gretchen Keppel-Aleks – Aerosol impacts on North American carbon uptake in CESM
- 2:30 p.m. Yiqi Luo – Transient traceability analysis of modeled land carbon cycle dynamics
- 2:45 p.m. Discussion
- 3:00 p.m. *Break*
- 3:30 p.m. Keith Lindsay – BGC Working Group Update
- 3:45 p.m. Shanlin Wang – Influence of explicit phaeocystis parameterizations on the global distribution of marine dimethyl sulfide
- 4:00 p.m. Lei Meng – Seasonal and inter-annual variability in wetland methane emissions simulated by CLM4Me' and CAM-Chem and comparisons to observations of concentrations
- 4:15 p.m. Danica Lombardozzi – Fire-ozone interactions
- 4:30 p.m. Yufei Zou – Development of a region-specific wildfire scheme under the CAM5-CLM4.5BGC coupling framework
- 4:45 p.m. Jeff Hicke – Putting bugs into CLM: A prognostic model of mountain pine beetle outbreaks
- 5:00 p.m. *Adjourn*