

CESM Land Model Working Group Session
Wednesday, 17 June 2015
The Village – Ten Mile Room – Breckenridge, Colorado

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

- 8:30 a.m. Dave Lawrence – CLM project update and LandMIPs in CMIP6
- 9:00 a.m. Gordon Bonan – A multi-layer canopy parameterization for CLM
- 9:15 a.m. Bradley Christoffersen – A trait-based plant hydraulics scheme with hydraulic failure-induced mortality for CLM(ED)
- 9:30 a.m. Beth Drewniak – Dynamic root distribution in CLM
- 9:45 a.m. Elizabeth Burakowski – Land surface modeling of a flux tower cluster in the Northeastern US with CLM4.5
- 10:00 a.m. Keith Oleson – Effects of future changes in urban areas on urban climate
- 10:15 a.m. Ahmed Tawfik – A multi-metric assessment land-atmosphere coupling in CESM against reanalysis and limited observation
- 10:30 a.m. *Break*
- 11:00 a.m. Patrick Broxton – A high resolution dataset of soil and alluvial thickness for global modeling
- 11:15 a.m. Maoyi Huang – The role of groundwater and river water interactions in modulating land surface and subsurface states and fluxes: A local-scale case study along the Columbia River shoreline
- 11:30 a.m. Ahmed Mohammed – Improving the performance of land surface models over Africa using GRACE and remote sensing data
- 11:45 a.m. Zhenghui Xie – The land model with considering anthropogenic groundwater exploitation and its coupling with the Earth system model CESM
- 12:00 p.m. *Adjourn*