

CESM Land Model Working Group Session

Tuesday, 19 June 2018

NCAR – Boulder, Colorado – Center Green Auditorium – Center Bay

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

- 1:15 p.m. Dave Lawrence – CLM update
- 1:30 p.m. Katie Dagon – Moving towards a global biogeophysical parameter optimization for CLM5
- 1:45 p.m. Cenlin He – Implementing new parameterizations for snow nonsphericity and aerosol-snow internal mixing into the CLM snow model (SNICAR)
- 2:00 p.m. Markus Todt – Simulation of sub-canopy longwave radiation in boreal forests and its impact on snow cover
- 2:15 p.m. Sanjiv Kumar – Soil moisture predictability at inter-seasonal to inter-annual time scales
- 2:30 p.m. Hsi-Yen Ma – Sensitivity of summertime surface air temperature simulations to land surface properties over the central U. S.
- 2:45 p.m. Marysa Lague – The climate impact of changing land surface properties: Coupled vs. offline simulations don't agree
- 3:00 p.m. *Break*
- 3:30 p.m. Sean Swenson – Canopy heat storage
- 3:45 p.m. Liang Chen – Disagreement between observed and simulated temperature responses to deforestation
- 4:00 p.m. Peter Lawrence – A new historical global crop time series for evaluating CLM5 crop distributions, harvest area, irrigation and yields
- 4:15 p.m. Yaqiong Lu – Using anomaly forcing CLM for crop yield projections
- 4:30 p.m. Michael Graham – Historical impacts and mitigation potential of different tillage practices in the Community Land Model
- 4:45 p.m. Anjana Deanand – Impact of irrigation and groundwater pumping over the Ganga Basin on the Indian summer monsoon
- 5:00 p.m. *Adjourn*