

## CESM Land Model Working Group Session

Tuesday, 18 June 2019

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

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

- 13:30 Flavio Lehner – Runoff sensitivities in Earth System Models and their importance for regional hydrologic change projections
- 13:45 Tim Hoar – Current capability of data assimilation with CTSM and DART
- 14:00 Peter Lawrence – Using the CTSM to evaluate land carbon mitigation potentials through global afforestation and reforestation
- 14:15 Pei-Ling Wang – Linking LULC to four hydrological soil groups from 850 to 2015
- 14:30 Sanjiv Kumar – The GLACE-Hydrology Experiment – Investigating the remote and local responses of the land-atmosphere coupling on soil moisture predictability
- 14:45 Daniele Peano – Global variability of vegetation season in land surface models
- 15:00 *Break*
- 15:30 Linying Wang – Modeling the impacts of urban green and cool roofs on surface climate
- 15:45 Salma Tafasca – Impact of soil texture on simulated hydrology in ORCHIDEE land surface model
- 16:00 Shaoqing Lu – Evaluating the spatial and temporal variability of plant traits in a desert watershed using a data-conditioned stochastic parameterization method
- 16:15 Zhenghui Xie – A high-resolution land model with groundwater lateral flow, water use, and soil freeze-thaw front dynamics and its applications in an endorheic basin
- 16:30 Dave Lawrence – CLM Update
- 16:50 CESM strategic plan discussion
- 17:15 *Adjourn*