

27th Annual CESM Workshop LAND MODEL WORKING GROUP MEETING

Tuesday, June 14

** All times are Mountain Time*

Time	Topic / Title	Speaker
8:30	Welcome, logistics & LMWG overview	Will Wieder
8:42	FATES updates & highlights	Jacquelyn Shuman
8:54	The CLM5 Parameter Perturbation Experiment (PPE)	Daniel Kennedy
9:06	CLM-FATES PPE: First steps in the calibration cascade	Adrianna Foster
9:17	Simulating alpine tundra communities along an environmental gradient with CLM5 at Niwot Ridge LTER	Katya Jay
9:29	A NEON Testbed for High Resolution Climate Data Assessment	Montasir Maruf
9:41	Investigate the global impact of carbon-based logging in FATES	Shijie Shu
9:53	Assessing climate change impacts on live fuel moisture and wildfire risk using a hydrodynamic vegetation model	Chonggang Xu
10:05	Break	
10:10	Virtual Coffee Break in breakout rooms	
10:30	Attribution of climate: CO ₂ : fire suppression: and harvest on densification and composition shifts in Sierra Nevada mixed conifer forests	Polly Buotte
10:42	Tree crown damage and its effects on carbon cycling in a tropical forest	Jessica Needham
10:54	Canopy rainfall interception	Pierre Gentine
11:06	New features and enhancements in CTSM-SNICAR snow albedo scheme	Cenlin He
11:18	A new approach to soil initialization for studying sub-seasonal land-atmosphere interactions	Yelin Jiang
11:30	Reduced terrestrial evaporation leads to increased water vapor over land	Marysa Lague
11:42	Soil moisture modulates land-use change impact under global warming	Arshdeep Singh
11:54	Implementing a dynamic urban scheme in the Community Earth System Model (CESM)	Bowen Fang
12:06	Applying the Data Assimilation Research Testbed (DART) towards improved CLM simulations of Earth System Carbon: Water and Energy Cycling	Brett Raczka
12:20	Adjourn	