Land Model Working Group Agenda
31st Annual CESM Workshop
June 15th, 2026

Monday, June 15th, 1:30-5 pm

** All times are MST; **Speakers**: 12 min talk. Please leave 3 min at the end of your slot for questions.*

Time	Topic	Speakers	Organization
13:30	Welcome & Land Model Working Group Overview	Will Wieder	NSF-NCAR
13:45	LCZ-PARAM2D: Global urban parameters with local climate zone representation for Earth system modeling	Yuan Sun	The University of Manchester (remote)
14:00	Humidity-driven air-conditioning energy response in global cities	Xinchang "Cathy" Li	PNNL
14:15	Advancing Global-scale Pollen Emission Modeling in an Earth System Model	Yingxiao Zhang	NSF-NCAR
14:30	ELM-TAM: a structure-based, function-oriented land model embracing fine-root system complexity	Bin Wang	ORNL
14:45	Enhanced Extreme Precipitation Simulation in China using NCAR CESM Based on a Realistic Remotely-Sensed Time Series of Annual Land Cover and Land Use Data from 1982 to 2013	Yaqian He	Indiana University (Remote)
15:00	**Break**		
15:30	Using the Community Earth System Model to Assess the Climate and Carbon Impacts of Individual and Combined Carbon Dioxide Removal Activities	Peter Lawrence	NSF-NCAR
15:45	Diagnosing Evaporation–Soil Moisture Regimes in CESM: Conditions Associated with Discrepancies from Observations	Nazanin Tavakoli	George Mason University
16:00	Understanding the Sources of Bias in CTSM-Simulated Ecosystem Carbon Fluxes under Drought	Yan Chen	University of Connecticut
16:15	Land models likely underestimate the impact of future atmospheric dryness on tree growth	Brendan Clark	Cornell University
16:30	The Impact of Atmospheric CO2 on the Chemistry-Climate Effects of Tree Restoration	Robert Allen	UC Riverside
16:45	Modeling Edge Effects and Post-fire Legacies on Carbon and Water fluxes in the Amazon with ELM-FATES	Xiuyi Wu	Vanderbilt University
17:00	**Adjourn**		

Posters

	Coupling and cross-component parameter effects on precipitation minus evapotranspiration (P−E) in CESM2	Vikrant Sapkota	University of Chicago
	Development and application of a new hydrogen deposition scheme in CTSM 5.3	Anthony Wong	MIT