

2023 CESM Workshop
Biogeochemistry
WORKING GROUP MEETING

June 2023

Wednesday June 14, 2023

* All times are MST; **Speakers:** please leave 5 min at the end of your slot for questions.

Time	Topic	Speakers
Overview:		
Center Green Auditorium / South Bay		
YouTube Streaming Link: https://youtube.com/live/gMSI-d4SIFE?feature=share		
8:30	Welcome and logistics	
8:35	Mean-state dependence of deforestation induced land-atmosphere interactions in CESM	Min-Hui Lo, remote
8:50	A parameter sensitivity study of the CLM-NEON simulation tool in the Southeastern United States	Thomas Kavoo, remote
9:05	Emissions driven puzzles from cmip6 and needs for cmip7	Ben Sanderson, remote
9:20	Biogeochemical cycling in the CLM-PPE	Daniel Kennedy, remote
9:35	Towards a coupled carbon cycle PPE	Abby Swann
9:45	Discussion	
10:00	Break	
10:30	Implementation of an ultraviolet radiation damage function on phytoplankton in CESM-MARBL	Joshua Coupe
10:45	Methods to Estimate Land Surface Model Parameters within the Data Assimilation Research Testbed (DART)	Brett Raczka
11:00	Irrigation-induced impacts on climate under future scenarios	Yi Yao
11:15	Quantifying the Influence of Plant Stomatal Behavior on Photosynthesis in the Amazon	Amy Liu
11:30	Comparing the climate mitigation potential of afforestation/reforestation and bioenergy plants in CLM and JSBACH	Sabine Egerer
11:45	Evaluating impact of tropospheric ozone on plants with improved ozone damage parameterization in Community Land Model 5	Jyoti Singh, remote
12:00	Discussion	
12:15	Lunch	
Posters:		
	The Effect of Forest in Dampening the Diurnal Cycle on Land-atmosphere Interaction	Yi-Shin Jang

	From nutrients to fish: A novel, high-resolution Community Earth System Model simulation linked to a fisheries model	Kristen Krumhardt
--	--	-------------------