

## 27<sup>th</sup> Annual CESM Workshop BIOGEOCHEMISTRY WORKING GROUP MEETING

**Wednesday, June 15**

*\* All times are Mountain Time*

Time	Topic / Title	Speaker
13:00	Welcome and logistics	CoChiars
13:05	Keynote: Understanding terrestrial biogeochemical processes with remote sensing observations and modeling	Junjie Liu
13:20	Constraining the carbon cycle in the era of climate mitigation	Matthew Long
13:25	Usable carbon information for a rapidly changing world	Gretchen Keppel-Aleks
13:30	Understanding the pieces together in a coupled Earth System	Abigail Swann
13:35	<b>Discussion: Implications for WG activities/priorities</b>	
13:55	Break	
14:15	Advances in variability of phytoplankton stoichiometry in CESM and impacts on ocean biogeochemistry	Nicola Wiseman
14:27	The Mount Pinatubo Gulp: Long-lasting impacts on ocean oxygen and carbon from the CESM-LE	Amanda Fay
14:39	Modulating the ocean carbon uptake by changing ocean circulation	Yi Liu
14:51	What controls the Oxygen Balance in the Upper Equatorial Pacific?	Yassir Eddebbar
15:03	Break	
15:30	Reparameterization Required After Model Structure Changes From Carbon Only to Carbon-Nitrogen Coupling	Yiqi Lou
15:42	Scoring Changes in the ILAMB Scoring Methodology	Nathan Collier
15:54	Competing influences on evapotranspiration modulate vegetation-climate impacts in CESM C4MIP simulations	Gabriel Kooperman
16:06	Bioenergy versus reforestation mitigation pathways: impacts on carbon sinks: hydrology: and regional climate	David Lawrence
16:18	Closing discussion	
16:30	Adjourn	