

**CESM Land Model Working Group Session**  
**Tuesday, 21 June 2011**  
**The Village – Aspen / Blue Spruce Room – Breckenridge, Colorado**

*Webcast Instructions and Information: <http://www.cesm.ucar.edu/events/webcasts/>*

- 1:30 p.m. Dave Lawrence – Introduction and CLM project update
- 1:50 p.m. Ruby Leung – Development of river routing and groundwater models for CLM
- 2:05 p.m. Mark Flanner – Volcanic ash forcing on snow and sea-ice from the 2010 Eyjafjallajökull eruption
- 2:15 p.m. Zack Subin – The effect of high-latitude surface forcing on atmospheric circulation in the Tropics and Southern Hemisphere
- 2:25 p.m. Weiping Li – The snow cover fraction and frozen soil distribution simulated by CLM3.0 and CLM4.0 and some updated schemes
- 2:35 p.m. Menglin Jin – Evaluating CLM using ARM data
- 2:45 p.m. Liang Yang – CLM in China: Past, Present, and Future
- 2:55 p.m. Discussion
- 3:00 p.m. Break
- 3:30 p.m. Andrew Jones – Quantifying the biogeophysical effects of managing terrestrial carbon resources for climate change mitigation
- 3:45 p.m. Lisa Murphy – Expanding woody bioenergy feedstock in the Southeast US leads to Northern Hemisphere cooling and changes in the global circulation
- 4:00 p.m. Rafael Rosolem – Land surface modeling parameter sensitivity analysis and estimation in the Amazon basin using SiB3
- 4:10 p.m. Ian Baker – Diffuse radiation and physiological response in a tropical forest
- 4:20 p.m. Jiafu Mao – Remote sensing evaluation of CLM4
- 4:30 p.m. Fang Li – An intermediate process-based fire parameterization in Dynamic Global Vegetation Model
- 4:40 p.m. Peter Thornton – Carbon, water, and energy flux evaluation from NACP site synthesis; Update on CSSEF
- 4:55 p.m. Discussion
- 5:00 p.m. Adjourn