

Land-Atmosphere-Ocean Interactions  
**Spring Showcase 2009**

February 2, 2009

Room 504

PAS Building

---

***Opening Remarks***

**Welcome**

Michael Brunke  
and  
Xubin Zeng

---

***Invited Presentations***

**An atmospheric perspective of ENSO via  
GPSRO water vapor measurements**

Ana Kursinski  
(25 min.)

**COSMOS: Cosmic Ray Soil Moisture  
Observing System**

Christopher Zweck  
(25 min.)

**Wide-area soil moisture estimation using  
the propagation of low-frequency signals**

Bill Scheftic  
(10 min.)

---

***Group Short Presentations***

*(10 min. each)*

**Possible climate implications of  
anthropogenic runoff limitation**

Mark Decker

**Throughfall reduction experiment in an  
Amazon forest with NCAR CLM**

Koichi Sakaguchi

**Data-model intercomparison of  
evapotranspiration fluxes and its drivers at  
three distinct sites in the Amazon Basin**

Brad Christofferson

**Assessing the performance of Simple  
Biosphere Model (SiB3) across Amazon  
basin**

Rafael Rosolem

**Defining monsoon onset using  
precipitable water data**

Dimitri Ververelli

---

***Further Discussion of Short Presentations***

*(if time remaining)*

---

***Lunch***

*(about 1 hour)*

Redington Restaurant

---

***Group Feature Presentations***

*(25 min. each)*

**The effects of changing the roughness  
lengths over sea ice on CAM3.1**

Michael Brunke

**Improvement of snow albedo, snow  
fraction, and early snowmelt in the Noah  
Land Surface Model**

Zhuo Wang

**Development of the shrub submodel for  
the Community Land Model-Dynamic  
Global Vegetation Model (CLM-DGVM)**

Xubin Zeng

**The importance of canopy height  
heterogeneity on estimates of carbon  
storage**

April Chiriboga