

Land-Atmosphere-Ocean Interactions

Fall Showcase 2009

December 10, 2009

Room 504

PAS Building

Opening Remarks

9:45 am

Welcome

Michael Brunke

and

Xubin Zeng

Presentations

(30 min. each)

10:00 am

Comparison of land-precipitation coupling strength using observations and models

Xubin Zeng

10:30 am

Overview of problems with the Noah LSM scheme and various PBL schemes in the Arizona regional WRF model

Michael Leuthold

11:00 am

A comparison of cloud and boundary layer statistical properties in CAM3.1 with those observed from ships and satellites over the Southeast Pacific

Michael Brunke

11:30 am

Improving the snow processes in the NCEP Noah Land Model

Zhuo Wang

Lunch

12:00 pm

Redington Restaurant

Presentations

(30 min. each)

1:30 pm

An evaluation of NCAR CLM3.5 with three biogeochemical models under control and drought scenarios in an east-central Amazon forest

Koichi Sakaguchi

2:00 pm

Development of an earth system model using hillslope experiment as a testbed

Guo-Yue Niu

2:30 pm

An intercomparison of numerical solutions of Richards Equation

Mark Decker