

Land-Atmosphere-Ocean Interactions

Spring Showcase 2006

May 11, 2006

Palo Verde Room

Student Union Memorial Center

Lunch

(approx. 1 hour)

Redington Restaurant

Opening Remarks

Welcome

Michael Brunke
and
Xubin Zeng

Feature Presentations

(30 min. each)

**Further studies on the turbulence
parameterization in land models**

Xubin Zeng and Cindy Wang

**Review and derivation of the radiative
transfer equation within the
canopy: two-stream approximation**

Zhuo Wang

**Initial results from a CLM ensemble data
assimilation system**

Michael Barlage

Break

(15 min.)

Feature Presentations (cont'd)

Growing temperate shrubs in CLM/DGVM

David Zeng

Short Presentations

(5 min. each)

**My current work summary and future work
prospect**

Er Lu

**Evaluating CLM with Cold Land Processes
experiment data**

Mark Decker

Snow melting over grassland in CLM3

Cindy Wang

**The effect of LWP retrieval on the
derivation of cloud properties**

Michael Brunke

**Interannual variability of specific humidity
inversions**

Steven Stegall

**Estimating heat fluxes by merging profile
formulae and energy budget with a
variational technique**

Shuwen Zhang

**Areal estimation of precipitation intensity
and frequency**

Ana Kursinski

**Monitoring the carbon dynamics of the
terrestrial biosphere**

April Chiriboga

Further Discussion of Short Presentations

(15-20 min.)