Land-Atmosphere-Ocean Interactions

Fall Showcase 2007

January 15, 2008
Room 504
PAS Building

Opening Remarks
Welcome
Michael Brunke
and
Xubin Zeng

Feature Presentations
(30 min. each)
Further remarks on the revised form of the Richards equation
Xubin Zeng
The diurnal cycle of a prognostic skin sea surface temperature scheme in CAM3 and its effects on modeled global climate
Michael Brunke

Lunch
(about 1 hour)
Redington Restaurant

Feature Presentations (cont’d)
Empirical mode decomposition: a lens for viewing multiple time scales and trends in our data
Suz Tolwinski
Tree-rings link carbon storage and climate
April Chiriboga

Feature Presentations (cont’d)
An introduction to the Community Radiative Transfer Model (CRTM) and the impact of snow treatment
Zhuo Wang

Break
(10 min.)

Short Presentations
(10 min. each)
Sensitivity of the CRTM
Steven Stegall
ENSO and predictability of the Nile flood
Alaa Mohamed Ali
An empirical water table depth formulation for the revised Richards equation
Mark Decker
Stability correction and dead leaf resistance for under-canopy ground evaporation in NCAR CLM
Koichi Sakaguchi
Examining the utility of leaf functional trait datasets for predicting GPP in DGVMs
Brad Christofferson

Further Discussion of Short Presentations
(if time remaining)