

Land-Atmosphere-Ocean Interactions

Showcase 2012/13

March 12, 2013

Madera Room

Student Union Memorial Center

9:00 am	Michael Brunke and Xubin Zeng	<i>Opening Remarks</i>
9:30 am	Xubin Zeng	Land surface air temperature diurnal range over high northern latitudes
9:55 am	Michael Brunke	Towards understanding the causes of specific humidity inversions over the polar regions
10:20 am		<i>Break</i>
10:30 am	Koichi Sakaguchi	The CCSM4 decadal simulations
10:55 am	Nick Dawson	Research overview of WRF 80 m wind and 2 m temperature forecasts
11:20 am	Kerrie Geil	Assessment of CMIP5 model simulation of the North American Monsoon System
12:15 pm	Pasco Kitchen & Lounge 820 E. University Blvd.	<i>Lunch</i>
1:30 pm	Gabriel Moreno	Andes-Amazon intercomparison CLM historical simulations
1:55 pm	Suzy Stillman	Spatiotemporal variability of summer precipitation and soil moisture in southeastern Arizona
2:30 pm	Pieter Hazenberg	Raincell-based identification of the vertical profile of reflectivity as observed by weather radar and its possibility for precipitation uncertainty estimation
2:55 pm		<i>Break</i>

3:05 pm	Patrick Broxton	Global maximum green vegetation fraction using MODIS data
3:30 pm	Bill Scheftic	Comparison of green vegetation fraction phenology to the seasonality of atmospheric variables over the North American Monsoon
3:55 pm	Andrea Mathias	An individual-based vegetation model for studying climate-vegetation feedbacks