### Land-Atmosphere-Ocean Interactions

**Fall Showcase 2006**

November 10, 2006  
San Pedro Room  
Student Union Memorial Center

<table>
<thead>
<tr>
<th>Lunch</th>
<th>Feature Presentations (cont'd)</th>
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</table>
| (approx. 1 hour) | A new form of the Richards equation for vertical soil water movement in land models  
Redington Restaurant  
Xubin Zeng |

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<th>Opening Remarks</th>
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| Welcome  
Michael Brunke  
and  
Xubin Zeng |

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<thead>
<tr>
<th>Feature Presentations (30 min. each)</th>
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| The implementation of a prognostic skin sea surface temperature scheme in CAM3  
Michael Brunke  
Mean topography, rainfall, and circulation patterns over eastern Africa  
Alaa Mohamed Ali  
Sensitivity of carbon storage in trees to climate  
April Chiriboga  
Analysis of MODIS snow albedo data  
Zhuo Wang |

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<th>Short Presentations (10 min. each)</th>
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| Creating an active layer depth data set  
Mark Decker  
Toward a real-time NDVI-based green vegetation fraction from AVHRR and MODIS  
Michael Barlage  
EnKF versus EnSRF for land data assimilation  
Shuwen Zhang  
Carbon cycles in semi-arid land by CLM-DGVM: the first step  
Koichi Sakaguchi  
Specific humidity inversions  
Steven Stegall |

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<th>Break (15 min.)</th>
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Further Discussion of Short Presentations (if time remaining)