

**CCSM Joint Polar Climate and Climate Variability
Working Group Meeting
6-7 February 2006
NCAR Mesa Lab**

FINAL AGENDA

Monday, 6 February:

Main Seminar Room

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| 8:15 – 8:40 | <i>Coffee</i> |
| 8:40 – 8:45 | Welcome |
| 8:45 – 9:15 | Alex Hall – “Using the Current Seasonal Cycle to Constrain Snow Albedo Feedback in Climate Change Projections” |
| 9:15 – 9:45 | Steve Vavrus – “The Role of Terrestrial Snow Cover in the Climate System” |
| 9:45 – 10:05 | Dave Lawrence – “CCSM Projections of Severe Permafrost Degradation during the 21 st Century” |
| 10:05 – 10:35 | <i>Break</i> |
| 10:35 – 11:05 | Bruno Tremblay – “Heat and Freshwater Exchange from Arctic to the Northern North Atlantic” |
| 11:05 – 11:25 | Aixue Hu – “Thermohaline Circulation Response to the Freshwater Hosing in the North Atlantic in CCSM2 and CCSM3 under Present Day and LGM Conditions” |
| 11:25 – 11:45 | Camille Li – “Storminess in the CCSM Simulation of the LGM” |
| 11:45 – 12:05 | Justin Wettstein – “Glacial and Modern Patterns of Climate Variability in the CCSM” |
| 12:05 – 13:30 | <i>Lunch</i> |
| 13:30 – 14:00 | Nat Johnson – “Classification of Sea Level Pressure Patterns: A Comparison between Self-organizing Maps and Principal Component Analysis” |
| 14:00 – 14:30 | John Chiang – “Global Climate Impacts of a Permanent El Niño: Preliminary Results of CAM3 Simulations” |
| 14:30 – 14:50 | Marilyn Raphael – “Impact of Antarctic Sea Ice Variability upon the Coupled Ocean-atmosphere System in CCSM3” |

- 14:50 – 15:10 Ilana Wainer – “Weddell Sea Warming Trends in CCSM3”
- 15:10 – 15:30 Slawek Tulaczyk – “Recent Large Increases in Freshwater Discharge from the Greenland Ice Sheet”
- 15:30 – 16:00 *Break*
- 16:00 – 17:00 Discussion

TUESDAY, 7 February

Damon Room

- 8:30 – 9:00 *Coffee*
- 9:00 – 9:20 John Weatherly – “CSIM Albedo Parameterization from Melt Season Data”
- 9:20 – 9:40 Bonnie Light – “A New Parameterization for Shortwave Radiative Transfer in Sea Ice”
- 9:40 – 10:00 Ed Andreas – “Parameterizing the Turbulent Surface Fluxes over Summer Sea Ice”
- 10:00 – 10:30 *Break*
- 10:30 – 10:50 Elizabeth Hunke – “Evaluating the Large and Yeager Forcing Data for Arctic Simulations”
- 10:50 – 11:10 Bill Lipscomb – “Improving Dynamical Stability in Sea Ice Models”
- 11:10 – 11:30 Helga Schaffrin – “An Optimization Approach to Modeling Sea Ice Dynamics: A 1D Lagrangian Model and Beyond”
- 11:30 – 11:50 Leah Necas – “Evaluating the New CCSM SOM Configuration”
- 11:50 – 13:15 *Lunch*
- 13:15 – 15:15 Discussion
Topics include:
- Sea ice and other model developments
 - CSL proposal (both PCWG and CVWG)
 - Others
- 15:15 – 15:30 *Break (Main Seminar Room)*
- 15:30 – 16:30 CGD SEMINAR SERIES
Christophe Cassou – “The impact of Re-emerging Sea Surface Temperature Anomalies in the North Atlantic upon the NAO”