CESM Land Ice Working Group Session
Wednesday, 22 June 2011
The Village – Aspen / Blue Spruce Room – Breckenridge, Colorado

Webcast Instructions and Information: http://www.cesm.ucar.edu/events/webcasts/

8:30 a.m.   William Lipscomb and Stephen Price – Welcome and overview

8:45 a.m.   Sebastian Mernild – Accelerated melting and disappearance of glaciers and ice caps

9:00 a.m.   Alex Gardner – The need for improving the simulation of glacier surface energy and mass budgets within CESM

9:15 a.m.   Miren Vizcaino and William Lipscomb – Surface mass balance of the Greenland Ice Sheet simulated with CESM

9:30 a.m.   Xylar Asay-Davis – Dynamic land-ice/ocean interactions in CESM

9:45 a.m.   Ute Herzfeld – On the influence of bed topography on results from dynamic ice sheet models

10:00 a.m.   Matthew Pratola – Quantifying the uncertainty in ice sheet model parameters via model calibration

10:15 a.m.   Hélène Seroussi – A numerically optimized, computationally efficient method to couple full-Stokes and simpler models of ice sheet flow

10:30 a.m.   Break

11:00 a.m.   Daniel Martin – BISICLES: A high-performance adaptive higher-order thermomechanical ice sheet model

11:15 a.m.   Kate Evans – Progress towards high-resolution continental-scale ice sheet simulations using a higher-order dynamical core in Glimmer-CISM

11:30 a.m.   Mauro Perego – Implementation and comparison of finite element methods for higher-order ice sheet models

11:45 a.m.   Iulian Grindeanu – Towards interactive analysis of regional ice flow

12:00 p.m.   Toby Isaac – Scalable full-Stokes ice sheet simulation

12:15 p.m.   Adjourn