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

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