

CESM Land Ice Working Group Session
Wednesday, 19 June 2013
The Village – Elk Room – Breckenridge, Colorado

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

- 1:30 p.m. LIWG Co-Chairs – Welcome
- 1:30 p.m. Jan Lenaerts/Miren Vizcaino/Michiel van den Broek – Present-day and future surface mass balance of the Antarctic Ice Sheet
- 1:45 p.m. Sebastian Mernild – Individual and regional glacier and ice cap surface mass balance and runoff modeling for the Northern Hemisphere
- 2:00 p.m. Gail Gutowski/Charles Jackson – Impacts of errors in Greenland surface mass balance on sea level rise predictions
- 2:15 p.m. Miren Vizcaino – Contribution of the height feedback to future Greenland ice sheet mass change
- 2:30 p.m. Thomas Trantow – An approach to data analysis and modeling of the Bering Glacier Surge
- 2:45 p.m. Brian Macpherson/Harihar Rajaram – An enthalpy-based temperature solver and drainage model for CISM
- 3:00 p.m. Ute Herzfeld – Fast ice movement and relevance for modeling
- 3:15 p.m. Jesse Johnson – A finite element based approach to computing balance velocities with application to Greenland mass balance
- 3:30 p.m. *Break*
- 4:00 p.m. Matt Hoffman – Progress in coupling Land Ice and Ocean Models using MPAS
- 4:15 p.m. A. Salinger /I Kalashnikova/M. Perego /R. Tuminaro/M. Elderred/J. Jakeman – A new finite element ice sheet dycore built for advanced analysis
- 4:30 p.m. Kate Evans – LIVV kit for robust evaluation of the Community Ice Sheet Model
- 4:45 p.m. Bill Sacks – Updates on CISM2 – CESM coupling
- 4:53 p.m. Stephen Price – Updates from absent LIWG members
- 5:00 p.m. Adjourn