

IGS Nordic Branch Meeting 2014 – Iceland
Poster Session
Thursday, October 30th, 2014 between 17:20 – 19:00

- Poster 1210: *Evaluation of empirical approaches for modeling glacier ablation under volcanic tephra covers .*
Rebecca Möller, Peter Kukla, Marco Möller, Christoph Schneider
- Poster 1331: *A 1-D coupled model for ice shelf-ocean interaction .*
Yemeng Li, Liyun Zhao, John Moore
- Poster 1338: *High frequency GPR measurements in comparison to detailed snow profiles .*
Lisa Kreitmeier, Martin Schneebeli, Stefanie Weißbach
- Poster 1341: *Environmental controls on snow cover thickness and water equivalent in two sub-Arctic mountain catchments.*
Christopher Cosgrove, Christian Zdanowicz, Susanne Ingvander
- Poster 1343: *An evaluation of terrestrial time-lapse techniques for ice velocity analysis of Kronebreen, Svalbard .*
Silje Smith-Johnsen, Penelope How, Nick Hulton, Doug Benn, Adrian Luckman
- Poster 1344: *Constraining models of marine-based deglaciation using geophysical evidence from the Barents Sea ice sheet as a palaeo analogue .*
Henry Patton, Alun Hubbard, Karin Andreassen, Monica Winsborrow
- Poster 1345: *Model of the western Laurentide Ice Sheet, North America .*
Evan Gowan, Paul Tregoning, Tony Purcell
- Poster 1346: *Seasonal evolution of basal friction coefficients in Kronebreen, Svalbard using Elmer/ICE .*
Dorothee Vallot, Rickard Pettersson, Martina Schäfer, Thomas Zwinger, Jack Kohler, Adrian Luckman, Björn Claremar, Doug Benn
- Poster 1347: *Subglacial drainage of a land-terminating section of the Greenland Ice Sheet .*
Katrin Lindbäck, Rickard Pettersson
- Poster 1348: *Two decades of surface elevation change of Nordenskiöldbreen, Svalbard.*
Veijo Pohjola
- Poster 1351: *Assessment of snow cover stability for avalanche prediction .*
Elena Marchenko
- Poster 1352: *Mapping of climate fields between GCM's and ice models with OBLIMAP 2.0 .*
Thomas Reerink, Roderik van de Wal
- Poster 1355: *Mapping firn stratigraphy with an optical borehole camera system on the Austfonna Ice Cap, Svalbard .*
Lisbeth Langhammer, Kirsty Langley, Thorben Dunse, Elisabeth Isaksson, Jon Ove Hagen
- Poster 1358: *2014 Velocity fields and flux for 5 major Greenland outlet glaciers .*
Alexandra Messerli, Nanna B. Karlsson, Aslak Grinsted
- Poster 1359: *Albedo changes on Vatnajökull associated with dust events, Iceland.*
Monika Dragosics, Thröstur Thorsteinsson, Finnur Pálsson
- Poster 1360: *Basal conditions at Engabreen inferred from surface velocity fields .*
Anne Solgaard, Alexandra Messerli, Aslak Grinsted, Thomas Schellenberger, Miriam Jackson, Thomas Zwinger, Dorthe Dahl-Jensen

- Poster 1363: *Glacier change in Sweden from the end of "Little Ice Age" to 2008.*
Moa Hamré, Peter Jansson, Gunhild Rosqvist, Per Holmlund
- Poster 1367: *Glacier and snow cover observations based on pluri-annual and intraseasonal time-series of optical satellite images .*
Solveig Havstad Winsvold, Andreas Käab
- Poster 1368: *Kronebreen time-lapse camera platforms: Place your bets on which survived!*
Penelope How, Nick Hulton, Silje Smith-Johnsen, Heidi Sevestre, Doug Benn, Adrian Luckman
- Poster 1371: *Two summers with contrasting spatial variability in glacier basal pressure .*
Pierre-Marie Lefevvre, Miriam Jackson, Gaute Lappégard, Jon Ove Hagen
- Poster 1372: *Glacier snow evolution in the atmospheric model WRF .*
Björn Claremar, Sergey Marchenko
- Poster 1374: *Variability of surface mass balance in East Antarctica measured with ground based radars .*
Anna Sinisalo, Karsten Müller, Kirsty Langley, Helgard Anschutz, Elisabeth Isaksson, Jack Kohler, Joe McConnell, Svein Erik Hamran, Mats Jorgen Oyan, Jon Ove Hagen
- Poster 1376: *A record of Ice Velocity and Water Pressure Fluctuations at Kronebreen, Svalbard .*
Nick Hulton, Doug Benn, Adrian Luckman, Bryn Hubbard, Penelope How, Willem Boot
- Poster 1381: *Implementation of a hydrology model for Basin 3, Austfonna Ice Cap, Svalbard .*
Yongmei Gong, Thomas Zwinger, Rupert Gladstone, de Fleurian Basile, Martina Schäfer, John Moore
- Poster 1386: *Multi-millennial ice volume changes of the Greenland ice sheet .*
Konstanze Haubner, Jason E. Box, Kurt H. Kjær
- Poster 1391: *Reconciled freshwater flux into the Godthåbsfjord system from satellite and airborne remote sensing .*
Sebastian B. Simonsen, Valentina R Barletta, Louise S. Sørensen, Rene Forsberg
- Poster 1393: *Glacier ice albedo and surface material quantified from in situ measurement on the Greenland ice sheet margin .*
Carl Egede Bøggild, Gabriel Fulton, Horst Machguth
- Poster 1394: *Seasonal-trend decomposition of GPS time series to derive the GIA response to the downwasting of Icelandic glaciers .*
Zonetti Simone, Jóhannesson Tómas, Ófeigsson Benedikt G.
- Poster 1395: *A 25-year mass balance record from Hofsjökull ice cap, Central Iceland .*
Þorsteinn Þorsteinsson, Bergur Einarsson, Oddur Sigurðsson, Tómas Jóhannesson
- Poster 1397: *Modelling the Svalbard-Barents Sea Ice Sheet using a Fast Full Stokes numerical model: steps for model development, testing, and application .*
James Lea, Evan Gowan, Josefin Ahlkrona, Nina Kirchner
- Poster 1399: *Precipitation on Holtedahlfonna and Kongsvegen .*
Ankit Pramanik
- Poster 1400: *Modeling the surface mass balance and firn evolution of glaciers around Kongsfjorden, Svalbard .*
Ward van Pelt, Jack Kohler
- Poster 1402: *Lab report on the quantification of glacier volume and velocity changes of the Morsárjökull outlet glacier (Southern Iceland) .*
Doris Hermle, Rudolf Sailer, Þorsteinn Sæmundsson, Tómas Jóhannesson, Esther Jensen, Johann Stötter

- Poster 1403: *Changes of Breiðamerkurjökull outlet glacier, SE-Iceland, from its maximum extent in the late 19th century of the present.*
Snævarr Guðmundsson, Helgi Björnsson, Finnur Pálsson, Hrafnhildur Hannesdóttir
- Poster 1404: *Correlating glacier velocity to weather forcing on Breiðamerkurjökull, Iceland.*
Tayo van Boeckel, Alexander H. Jarosch, Eyjólfur Magnússon
- Poster 1407: *The geodetic mass balance of Tungnafellsjökull ice cap: 1946-2013.*
Ágúst Þór Gunnlaugsson, Eyjólfur Magnússon, Guðfinna Aðalgeirsdóttir, Finnur Pálsson, Joaquín Muñoz-Cobo Belart, Etienne Berthier
- Poster 14XX: *Impact of spatial variability in bare-ice albedo on melt rates at the margin of the Greenland ice sheet, Nuuk region.*
H. Machguth, C. E. Bøggild
- Poster 14XX: *A comprehensive data base of glacier surface mass balance observations from the ablation area of the ice sheet and the local glaciers of Greenland.*
H. Machguth, H.H. Thomsen, A. Weidick, J. Abermann, A. P. Ahlstrøm, M. L. Andersen, D. van As, C. E. Bøggild, J. Box, W. Colgan, R. S. Fausto, K. Gleie, B. Hynek, H. Oerter, K. Steffen and R. S. van de Wal
- Poster 14XX: *Analyses of the discharge in the glacial river Jökulsá á Fjöllum during the recent volcanic activity in the ice-covered Bárðarbunga volcano.*
Bergur Einarsson, Gunnar Sigurðsson, Matthew J. Roberts