



Workshop on Melting snow and ice data for real-time maps and hydrological models

28 February 2017 * Reykjavik University, Room Venus V201, Menntavegur 1, 101 Reykjavik, Iceland

AGENDA

- 13:00-13:30 Harpa Grimsdottir, Avalanche Research Center in Ísafjörður, Icelandic Meteorological Office
Avalanches in Iceland: History, hazard mapping and monitoring
- 13:30-13:50 Bolli Palmason, Icelandic Meteorological Office
Harmonie/Surfex snow schemes
- 13:50-14:10 Þorsteinn Þorsteinsson, Icelandic Meteorological Office
Mapping snow thickness distribution on the Hofsjökull ice cap with a ground penetrating radar
- 14:10-14:30 Andri Gunnarsson, National Power Company of Iceland – Landsvirkjun
Snow and glacier observations at Landsvirkjun
- 14:30-15:00 BREAK
- 15:00-15:20 Inga Jonsdottir, University of Iceland
Real time sea-ice monitoring in the Greenland Sea
- 15:20-15:50 Outi Meinander and Pavla Dagsson-Waldhauserova, Finnish Met Institute and University of Iceland, Agricultural University of Iceland
Effects of light absorbing impurities on snow albedo, melt and density – including soot, organic carbon and Icelandic dust
- 15:50-16:10 Simon Gascoin, CESBIO/CNRS, Université de Toulouse, France
Evaluation of MODIS albedo product on ice caps in Iceland
- 16:10-16:30 David Finger, Reykjavik University
The Value Of Satellite Retrieved Snow Cover Images To Assess Water Resources And The Hydropower Potentials Of Ungauged Mountain Areas
- 16:30-17:00 Discussions
- 19-21 Dinner Downtown



The Workshop is organized in collaboration with the ESSEM COST Action ES1404 - ***A European network for a harmonized monitoring of snow for the benefit of climate change scenarios, hydrology and numerical weather prediction*** (www.harmosnow.eu). The main partners are the **Reykjavik University** (www.ru.is) and the **Agricultural University of Iceland** (www.lbhi.is).

ORGANIZING COMMITTEE:

Pavla Dagsson-Waldhauserova, Agricultural University of Iceland and University of Iceland

David Finger, Reykjavik University

Ali Nadir Arslan, COST ES1404 action director

Nacho López-Moreno, Spanish National Research Council

Leena Leppanen, Finnish Meteorological Institute

Outi Meinander, Finnish Meteorological Institute

The entrance is free. Contact Pavla at pavla@lbhi.is or David at davidf@ru.is for further information.

We are looking forward to welcome you!