

Ny-Ålesund Glaciology Flagship workshop

Models and observations of snow and glacier mass balance

Time: 7-8 November 2019

Venue: Scandic Fornebu

A side event to the Svalbard Science Conference

The Ny-Ålesund Glaciology Flagship is one of four NySMAC flagship programs. The aims for the flagship are to coordinate and integrate international and national glaciological research, in Ny-Ålesund, but in all areas of Svalbard.

The primary aim of this workshop is to bring together researchers from the various international groups studying Svalbard glacier mass balance and snow accumulation and melt, to promote better collaboration and cooperation between the groups. The secondary aim is to compare results of Svalbard snow and mass balance models, both with each other and to field measurements.

On the agenda we will present and discuss the following:

- Ongoing mass balance research projects, both field-based and modeling.
- Remote sensing techniques relevant for field programs and modelling
- Frontal ablation/calving for the overall mass balance
- Innovative techniques (e.g. mapping using Surface from Motion, UAVs, terrestrial LiDAR)
- Strategy for future funding of collaborative research.
- As well as having a dedicated discussion on the SSF strategic objectives

All are welcome to attend talks, but if you plan to be formally part of the workshop please register [here](#).

Provisional schedule

Wednesday Nov. 6	
19:00-21:00	Dinner

Thursday Nov. 7	
09:00-09:20	<i>Introductory remarks</i>
09:20-10:20	<i>Presentations</i>
10:20-10:40	Coffee
10:40-12:00	<i>Presentations</i>
12:00-13:00	Lunch
13:00-15:00	<i>Presentations</i>
15:00-15:30	Coffee
15:30-15:50	<i>Discussion</i>
15:50-17:10	<i>Presentations</i>
17:10-17:30	<i>Summary</i>
17:30-19:00	Relax
19:00-21:00	Dinner

Friday Nov. 8	
09:00-10:20	<i>Presentations</i>

10:20-10:40	Coffee
10:40-11:20	<i>Discussion</i>
11:20-12:00	<i>Summary</i>
12:00-13:00	Lunch
After 13:00	Check out