

Report on:

Workshop on the Dynamics and Mass budget of Arctic glaciers &

IASC Network on Arctic glaciology annual meeting

From 23 to 25 March 2015 the workshop on the Dynamics and Mass budget of Arctic glaciers & the IASC Network on Arctic glaciology annual meeting took place at the University Centre Obergurgl, Austria. The objective of this meeting was:

- to present and discuss new results on observations and modelling of the dynamics and mass budget of Arctic glaciers,
- to plan and coordinate field work on Arctic glaciers with the aim of using the available infrastructure and logistics in the most efficient way,
- to develop ideas for future projects and collaboration.

During the meeting the participants presented their research in oral and poster presentations. Deliberate long breaks provided ample time for discussion of research and coming field season, poster viewing, and developing new cooperation's. A variety of topics within the field of dynamics and mass budget of Arctic glaciers were discussed, ranging from in situ observations to satellite techniques, observational to modelling approaches, and geographically covering the whole Arctic region.

The participants are encouraged to write an (extended) abstract of their contribution to the workshop, which will be published digitally in a book of abstracts. This book will also contain information pertaining to the workshop such as the final program, a list of participants and a report of the open forum meeting.

In the annual open forum meeting of the network general issues related to the network were discussed, such as changes in national representatives, new and on-going network activities and the location of next years workshop.

Regarding on-going activities, as part of the Tidewater glaciers initiative a workshop on 'glacier and ice-stream calving: Observations and Modelling' was organized (2-3 June 2014, Grenoble, France). An outcome of this meeting is that currently a review paper on tidewater glacier dynamics is being written.

Furthermore, Martin Sharp reported on the action to update the existing mass balance records started during the MAGICS project. The data now available on the Network website will be updated accordingly. The 'IMBIE' like project for small ice caps is taken up again by making a plan for a small workshop to bring together people who can take this further.

The Network workshop was organised by Dr. C.H. Tijm-Reijmer and Prof. M. Sharp, chair and co-chair of the Network on Arctic Glaciology. IASC Cryosphere Working Group provided travel support for 12 early career scientists. Prof. M. Sharp coordinated the applications for the support.

The meeting itself, i.e. location and coffee breaks, was financed partly by IASC Cryosphere Working Group and by a registration fee paid by the participants. A total of 34 participants attended the workshop representing about 12 different countries. Next years meeting will be held in Benasque, Spain.