

AMAP/EU-PolarNet Stakeholder Workshop on Research Needs on Climate-related Effects on the Arctic Cryosphere and Adaptation Options

Reston, VA, 28 April 2017

Background

AMAP, as a partner in the Horizon 2020 project EU-PolarNet, is responsible for promoting trans-Atlantic research activities between EU countries and the USA and Canada and, as one aspect of this, to hold stakeholder workshops to determine common research needs that can be provided as input to the central EU-PolarNet requirement, namely, to develop an Integrated European Polar Research Programme together with an implementation plan. An important aspect of EU-PolarNet is 'connecting science with society', under which dialogue and cooperation with relevant Arctic stakeholders will ensure their input to the formulation of this research programme. This is the third workshop AMAP is organizing to identify and formulate key Arctic research needs over the next five to ten years. The central theme of this workshop is to discuss and identify the types of research needed to understand the many impacts of climate change on the Arctic cryosphere, and the broader consequences of such impacts, as well as research to develop appropriate adaptation options for Arctic residents.

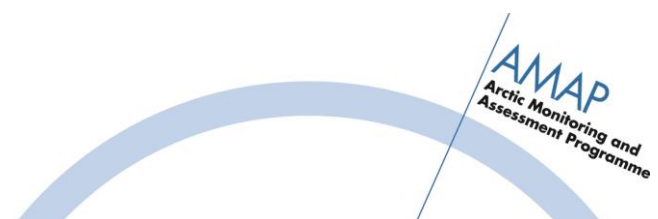
Format of workshop

This international stakeholder workshop is being held in association with the AMAP-organized International Conference on Arctic Science: Bringing Knowledge to Action, which will take place on 24 to 27 April 2016 in Reston, Virginia, USA. Sessions at this conference reporting the findings of the AMAP Arctic cryosphere assessment *Snow, Water, Ice and Permafrost in the Arctic (SWIPA)* and the regional reports on *Adaptation Actions for a Changing Arctic (AACA)* will form a scientific basis for the discussion of research needs at this half-day stakeholder workshop. In addition to rapporteurs' summaries of the conference highlights, workshop speakers will stimulate discussions by thought-provoking presentations of key research issues in relation to both the need for further scientific understanding of the the impacts of the rapidly changing climate on the Arctic cryosphere and the need for investigation of options for adaptation to these changes by Arctic communities and residents.

If you wish to attend this workshop or receive further information about it, please contact:

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Hyatt Regency Reston

Co-Chairs: Morten S. Olsen (Denmark) (TBC), Jim Overland (USA)

Time	
	<p>Opening and welcome <i>Lars-Otto Reiersen, AMAP Executive Secretary</i></p> <p>Context of the workshop: Research needs defined for EU-PolarNet work <i>Nicole Biebow, AWI, Project Manager EU-PolarNet</i></p> <p>Aims and outcome of the workshop <i>Janet Pawlak, AMAP Secretariat – Rapporteur</i></p>
8:30 – 8:50	<p>Summary of research needs on climate-related effects on the Arctic cryosphere from the AMAP conference <i>Ross Brown, Environment Canada</i></p> <p>Research needs on climate-related effects on the Arctic cryosphere: marine systems <i>David Barber, University of Manitoba, Winnipeg</i></p> <p>Research needs on climate-related effects on the Arctic cryosphere: terrestrial systems <i>Vladimir Romanovsky, University of Alaska Fairbanks</i></p> <p>Discussion</p>
10:00 – 10:30	Coffee Break
10:30 – 11:40	<p>Summary of research needs on adaptation options for climate-related effects on the Arctic cryosphere from the AMAP conference <i>Larry Hinzman, University of Alaska Fairbanks</i></p> <p>Research needs on adaptation options for climate-related effects on the Arctic cryosphere: natural hazards <i>John Eichelberger, University of Alaska Fairbanks (TBC)</i></p> <p>Research needs on adaptation options for climate-related effects on the Arctic cryosphere: risks to food security and human health <i>Jim Berner, Alaska Native Tribal Health Consortium</i></p> <p>Discussion</p>
11:40 – 12:30	Panel discussion – Research needs for Arctic climate-related effects
12:30 – 12:45	Final remarks and closing of meeting