

# ICARP III Activity - Reporting Template



<b>Title of activity</b> Collaboration and coordination within the Ny-Aalesund Atmosphere Flagship Programme		
<b>Type of activity</b> Workshop	<b>Date</b> 8 – 9 October 2014	<b>Place</b> Potsdam, Germany
<b>Main organizer(s) (name and/or organization) and additional partners</b> Christina A. Pedersen (Norwegian Polar Institute), Roland Neuber (Alfred Wegener Institute)		
<b>Abstract<sup>1</sup></b> The Atmosphere Flagship workshop 2014 convened 25 participants, representing all fields of atmosphere research taking place in Ny-Ålesund, Spitsbergen, plus representing research work performed at Barentsburg and Hornsund, Spitsbergen, as well as at the Greenland Station Nord (Villum Station). The workshop provided an overview of ongoing monitoring and research work, which is the basis for the follow-up work, and the development of the Atmosphere Flagship Program. The workshop provided the following list of 9 immediate flagship research topics: <ul style="list-style-type: none"> <li>• Boundary Layer Properties</li> <li>• Interaction of snow and atmosphere</li> <li>• Meteorology network and long-term data sets on Svalbard</li> <li>• Clouds, Humidity, Precipitation</li> <li>• Aerosol Direct Effect: a Clear Sky Closure Study</li> <li>• Aerosol Indirect Effects (relating to clouds etc.)</li> <li>• Investigate Regional Representativeness, including Satellite Validation</li> <li>• Long range transport and modelling activities</li> <li>• Comparison &amp; analysis of duplicate measurements (e.g. trace elements)</li> </ul>		
<b>Main contributions to ICARP III<sup>2</sup> in terms of the ICARP III priorities<sup>3</sup></b> The workshop determined that <ul style="list-style-type: none"> <li>• The Atmosphere Flagship Program is an important coordination tool, which allows to</li> <li>• identify the research priorities (see above) for the next decade,</li> <li>• An Atmosphere Research symposium shall be organized soon, tentative autumn 2015, which will help to coordinate the research agendas in the atmospheric sciences on Svalbard and in connection to Greenland.</li> <li>• A dedicated flagship webpage and mailing list shall be developed, which shall help the coordination work, and shall inform policy makers and the general public about the important research topics in this area.</li> <li>• This will also facilitate access to data and research topics.</li> </ul>		

<sup>1</sup> Provide a short summary of the activity

<sup>2</sup> List a few key statements (findings, priorities, recommendations) that you would like to see reflected in the overarching ICARP III products

<sup>3</sup> ICARP III priorities:

- identify Arctic science priorities for the next decade
- coordinate various Arctic research agendas
- inform policy makers, people who live in or near the Arctic and the global community
- build constructive relationships between producers and users of knowledge