



## **Svalbard Integrated Arctic Earth Observing System - A New Coordinated Foundation for Environmental Services in and around Svalbard**

Bente Lilja Bye

BLB, Norway (bentelil@hotmail.com)

Svalbard Integrated Earth Observing System (SIOS) is an international infrastructure project. There were 28 partners from Europe and Asia involved in the preparatory phase of this ESFRI project. The essential objectives are to establish a mechanism for integration among the existing research institutions in Svalbard to create a joint state-of-the-art observing system in Earth System Science, and better coordinated services for the International Research community with respect to access, data and knowledge management, logistics and training.

In addition to the SIOS members various data services, SIOS itself will provide a few new services such as processed satellite data (from Copernicus' Sentinels as well as others) and combined in-situ and satellite data.

All in all SIOS represent a new capacity and foundation for more Earth System Science, including climate and environment, data services in and around Svalbard.

A presentation of SIOS including time schedule for implementation of the basic services will be given.