

Partnerships: Permafrost GTN-P (Doc. 3.2.8)

Accomplishments:

- Strategy and Implementation Plan for GTN-P led by IPA
- Workshop on user requirements
- Development of GTN-P data management strategy in conjunction with EU PAGE21 project
- Nominate steering committee and advisory board for GTN-P
- First GTN-P national correspondents meeting, May 2013 (EC-PORS member H. Hubberten to participate; GCW a co-sponsor)

Challenge:

- Possible loss of GTN-P secretariat funding (ends June 2013)

Decision/Action Requested:

- Endorsement of new steering committee for GTN-P
- Endorsement of new advisory board for GTN-P and possible nomination of EC-PORS representative
- Support statement to the GTN-P secretariat host institution



Partnerships: CIMO SPICE (INF. 8)

- Will investigate the in-situ measurement and reporting of:
 - **Precipitation amount**
 - *over various time periods (minutes, hours, days, seasons),*
 - *as a function of precipitation phase (liquid, solid, mixed);*
 - **Snow on the ground (snow depth)**
 - *linkages between snow on the ground and snowfall*
- Official Start: Dec 2012.
- Minimum 2 winter seasons;
- WMO Final Report: 2016 and include:
 - Results relative to project objectives;
 - Site specific results;
- Sites may continue the experiments.
- Preliminary/partial results published prior to Final Report.
- **Feb 2013: new call for expressions of interest;**
- <http://www.wmo.int/pages/prog/www/IMOP/intercomparisons/SPICE/SPICE.html>



SPICE Participating Sites

- 12 countries: 15 field sites, one laboratory;
 - Northern Hemisphere:
 - *Canada, Finland, Japan, Norway, Russia, Poland, Switzerland, USA, Italy,*
 - Southern Hemisphere:
 - *Australia, Chile, New Zealand;*



WMO SPICE MAP



Partnerships: GCOS (INF. 24)

- GCOS Programme Review by co-sponsors, especially mandate and terms of reference. Role with GEOSS, GFCS, adaptation community?
- GCOS Workshop on Observations for Adaptation (Feb 2013)
- At its recent meeting in 2012, the AOPC formulated the following Actions and recommendations with regard to the cryosphere:
 - The Panel was pleased with the progress GCW has made, in particular in setting up the GCW data portal.
 - AOPC also welcomed the update on the Solid Precipitation Intercomparison Experiment (SPICE) and urged appropriate participation by cryospheric and climate communities. It supported the suggestion to make SPICE a Demonstration Project for GCW.
- A new Third Adequacy Report of progress and adequacy, building on identification of needs for adaptation and provision of climate services in general, and informed by identification of uncertainties by the IPCC's Fifth Assessment process, will be prepared by early 2015. This is to be followed by a new Implementation Plan, to be published in 2016. The GCOS Secretariat will arrange for the data needs for adaptation and service provision to be reviewed in one or more workshops and link these workshops with UNFCCC and GFCS initiatives.

