

20th NRB Workshop

Rukan salonki, Kuusamo, Finland - Friday August, 21st, 2015

Solid precipitation:

Richard Janowicz presented results of working group which included comparison of different gauges and methods of NRB countries. He also delivered results of the SPICE (Solid Precipitation Intercomparison Project) project in Canada. Richard et al. will produce a task force report results to be attached to Hydrological research NRB issue (deadline January 15th, 2016) and then this task force is over. Knut Sand and Sveta Stuefer will contribute to this Solid Precipitation paper. Stuefer suggest including Finnish colleagues from Sodankylä research station, where SPICE site was actively monitored. Leena Leppänen might be potential contributor from Sodankylä group. Terry Prowse referred that there are number of historical studies and to include historical perspective in the report. He mention Ph.D. thesis of Barry Goodison as a good source into historical review. Also non-linear relationship between catch ratio and wind speed was pointed out by Ming-ko Woo. Norway delegate commented that they have worked lot with precipitation catch formulas.

Integration of Cold Regions Science for Societal Needs:

This task force was established in Norway 2011. Terry Prowse has been listed as a leader but no actions have been taken in this task force and Terry says he had no memory of leading this TF. Arctic Freshwater Synthesis work by Terry Prowse et al. could be related to this task force and resources component include some of these aspects. This task force won't continue by Terry but some aspects of it are related to another task force proposed last time (Economic value of hydrological information).

Economic value of hydrological information:

At NRB in Alaska 2013 a new task force "Economic value of hydrological information" was proposed with leaders Oddbjörn Bruland and Knut Sand. Actual work has not yet started since leaders have been too busy (Bruland has changed jobs twice). It was discussed that new participants should be found to this group from different countries. Knut Sand promised to lead collecting of participants and this task force. There was a discussion weather start first with short listing projects showing economic losses by false or missing information. Wolf Marchand stated that this theme is highly related providing information for support political decision making. During this symposium there were a couple of presentations which could be included in this study (eg. Edward Plumb, Knut Sand). Edward Plumb promised to join this task force.

Free discussion:

- Olga Semenova suggested a task force on hydrological processes modelling in cold regions. No actions were taken to form this group.
- Terry Prowse suggested that it would be useful idea to collect info on different integrated super sites and research stations in NRB countries cold regions (like Oulanka station visited on Wednesday). That could be a chief delegate duty to collect this kind of catalogue information from each country before the next NRB and present it there.
- Terry Prowse said that he would like to connect AFS work with Arctic-HYCOS project. David Gustafsson had said earlier that he is available for this collaboration.