

COST ES1404 WG meeting minutes

20 September 2017 8:30-10:00

Smolenice, Slovakia

Chair: John Burkhart

- Presentation on dissemination by John Burkhart
 - o Approximately 10 people dissemination group need to be defined,
 - o Chairs: J. Burkhart and D. Finger
 - o Need to define: Who, When, What, Where
 - o White papers (e.g. campaign reports) and manuscripts (e.g. WG1&2 questionnaire)
 - o Review paper about data assimilation (WG3), see deliverables
 - o Booklet is one separate dissemination item
 - o STSMs or workshop could be used for finishing dissemination items
 - o Video material could be collected from training schools (4th Snow Science Winter School and COST training school)
- Presentation on snow booklet by Anna Haberkorn
 - o Booklet will include history of the measurements, techniques and best practices and current monitoring situation of operational (and long term research based) snow depth, SWE, height of new snow and snow presence from all European countries
 - o Operational measurements are defined so that those are long term and used for weather forecasting or hydrological purposes etc. Long term research based measurements are also included to booklet.
 - o Many countries are answered already, some are promised to answer but few are still totally missing. Answers were requested by end of September.
 - o Country reports will be reviewed by persons representing the institutes, and MC members to confirm that all institutes performing operational measurements in the country are represented.
- Best practices of Global Cryosphere Watch presented by Charles Fierz
 - o GCW will produce draft of best practices of snow on the ground measurements by end of October for review of larger group
 - o Led by Craig Smith (Canada)
 - o The best practices will use information collected for COST snow booklet

- COST members should review the best practices
- The best practices will be presented to WMO in beginning of 2018 in CIMO meeting
- The GCW best practices are prepared with contribution from COST and therefore it could be part of dissemination items. However, item “A guideline for snow observations will be drafted for uptake by WMO through cooperation with the WMO Global Cryosphere Watch observational programme CryoNet and the International Arctic Science Committee” in scientific focus of WG2 will be not fully actualized. Also deliverable 11 “Measurement reports and manuals to standardize measurement protocols will be issued based on the field campaigns results” will be not fully actualized if field campaign results are not used for producing guidelines. However, the same work should be not done twice and more discussion is needed.
- Discussion about the unique feature and special asset of COST Harnosnow in relation to WMO and GCW. Need more discussions to work out.