

# THE 5<sup>th</sup> MANAGEMENT COMMITTEE MEETING OF COST ACTION ES1404

Granada, Spain, 2 November, 2016

## Opening & Adoption of the Agenda

The Chair of the Action, Dr Ali Nadir Arslan welcomed the participants to the 5<sup>th</sup> Management Committee Meeting of the COST Action ES1404 and the agenda was adopted.

## Status of Action by the Chair

- Core group meeting in Warsaw on 6 October 2016.
- The COST Action ES1404 now has 29 Member countries, with a total of 195 members.
- The budget (forecast, estimations, claims and payments) was reviewed.
- About 42 people are attending for Granada meeting. The estimated budget is relatively high 43000€. The chair suggested that we should do our claim accounting to what we really spent. It is important that we all submit our claims as soon as possible after the meeting. The payment can only be done when everyone has approved.
- The Albedo workshop organised by Roberta Pirazzini (Working Group member from Finland) in August, 2016 was very successful.
  - Our COST officer, Deniz Karaca, participated to the workshop and was very positive and impressed by this COST Action and by the productive international collaboration we have.
- The next meeting will be held in Bern-Switzerland. It will be associated to the workshop on remote sensing EARSL. For this meeting we will support a few (4 or 5) speakers. A 5000€ budget is allocated for the EARSL meeting. The dead line to apply is 15 November. Then the Chair will inform the organisers.
- One meeting in Iceland on 28 February – 2 March with a budget of 21000€ will be on modelling snow and ice for real time maps and hydrological models.
- There will be a workshop on snow data assimilation in Offenbach on 8-9 March 2017, with a budget of 9995€.

- The Chair introduced the WG meetings and the agenda in conjunction with MC meeting in Granada.
- The chair mentioned that the the Copernicus Training and Information Session to be held on 21 - 22 November 2016 in Helsinki at the premises of the Finnish Meteorological Institute is the third in a series of national Copernicus events.

## STMS Report by Giovanni Macelloni

Giovanni Macelloni, STSM Leader, summarised what we discussed in the core group meeting in Warsaw meeting. It was agreed that we will issue calls for the STSMs and we will have a fixed date to apply for the STSMs. When we discuss in WGs we can also plan STSMs for submission. What type of STSMs would cover the objectives of the WGs. Giovanni highlighted that people in WG3 should also propose STSMs.

Giovanni presented the status and reminded the objectives, which are to strengthen the existing COST actions by allowing scientist to go to an institute. The summary of the STSMs is on the COST action web site. Each STSM scientist produced a report available on line. We are all encouraged to read these reports that give an overview of the STSM activities conducted so far. For the current grant period there are four STSMs, with high involvement of Switzerland related to the winter school. Good countries involvement since the beginning of the action with 11 countries “from and 9 countries “to”. Only 1 STSM with WG3 was conducted so far. For the current grant period we planned 20k€ and we spent 7k€. There are planned activities for the winter school (need to define the budget) and we should define the needs for each WG (eg campaign, WG3 meetings?). In WG1/2 there was a discussion about possible interest to go to Sodankyla-Finland, for a five days campaign. Interest from six countries was given in th e meeting. Roberta Pirazzini said that it should be after the winter school. Leena Leppanen (Finland) would be the scientific organiser.

Ghislain raised a potential duplication issue with both Iceland and Sodankyla missions. Giovanni: a limitation of the Iceland campaign is that it is limited to 1-2 days. An option would be to use the STSM budget to extend the Iceland campaign.

If a country is interested to host on a specific topic should send the information and it could be published on the web page with a host and candidate list.

For the next grant period there are several projects in discussion: calibration activities, snow winter school in 2017 or 2018, (also workshop in Switzerland but not relevant for STSM).

## Dissemination: European Handbook of Snow

The dissemination activity needs a co-leader: David Finger (from Iceland) was selected. Christoph Marty presented the European Snow Booklet project with a two years funding from the Swiss COST office. A postdoc was just hired. The objective is two sided: To provide a comprehensive inventory of snow cover measurements and sensitivity study on the effect of inhomogeneity on the different snow parameters. Several questions will be addressed at the country level, such as which are the main snow parameters measured in operational monitoring programs, how frequently, form of the metadata, they are measured etc.. Define strategy for minimum requirement for homogeneous long term snow data series. Editorial team includes Ali Nadir Arslan (Finland), Christoph Marty (Switzerland), Ekatharina Kurzeneva (Finland), Ghislain Picard (France), Jürgen Helmert (Germany), Patricia de Rosnay (UK), Wolfgang Schöner (Austria). These names were defined in Helsinki a year ago. The list needs to be updated. There are strong links with GCW on the best practice (guide) and the WMO SPICE (Solid Precipitation Inter-comparison Experiment). Provide guidance on the transition from manual to automatic snow measurements. John Burkhart (Norway), Dissemination Leader, said that the draft should be January 2017. Wolfgang said that it is a bit optimistic. But the doc should be ready by end of 2017.

The chair summarised the context: Swiss project, GCW, SPICE, CIMO guide (WMO#8). John Bukhart said that we need one representative from each operational Centre.

**Discussion:** The Action dissemination, European Handbook of Snow, should account for all type of data, include aggregation of existing data and historical data sets. The aim of the action is to harmonise what exist, so it is about what exist currently and in the past and in the future. Wolfgang said that here will be a meeting of the steering committee in January, 2017. The chair said that next steps are to be defined the first task of this guide.

John asked about other outreach: for example winter school, video catalogue from field campaigns, and involvement of local TVs?

John: we should be clear about the objective because there are differences between outreach video and technical video. We should take a decision. The chair said that a good training material for universities and operationa centres would be useful.

The COST training school has to be organized latest in 2018. Ghislain: it would be relevant to combine with ISSW in Innsbruck in October 2018 (people are more available at this season to avoid conflicts with field campaigns). The chair said that October 2018 is late for the project (ends in November 2018), so perhaps it should be organised earlier in 2018, or even in summer 2017, so that we have time to summarize the information. Sodankyla is a convenient location for summer schools (accommodation etc). There will be a committee for the Training school preparation.

## Webpage

Cemal Melih Tanis (Finland), responsible person for web maintenance, presented the webpage and mailing lists. It would be useful that people send their publication list to Cemal to put them on the web page.

We should also send links to relevant training schools. Feedbacks are useful: whatever we notice is wrong (mailing list and/or website) we should tell Cemal.

Any change in email address should be notified to Cemal.

There is also a wikipage (linked from the main page).

## Planning of Work Plan & Budget in Grant Period 4

The next grant period will be from 1 May 2017 to 30 April 2018. We have to define the budget by 1st of February 2017.

There is a 5-days workshop planned in south Switzerland. It will be for maximum of 100 people. Workshop proposals for the next GP are welcome.

We discussed where the next MC + WGs meeting will be.

Pavel Nejedlik (Slovakia) proposed to host the meeting in Slovakia. It could be on 18-22 September 2017. There is already an international conference on snow and ecological phenomenon (measurements, vegetation cycle, and link to sectors) with organisers from Slovakia, Czech Republic and Poland. About 100 people usually attend this conference from Eastern Europe and people from other countries. It will be in a castle in Smolenice with all the facilities (congress room, accommodation etc.). Transportation is convenient from Bratislava and Vienna by bus (to be organised). There will be proceeding of the conference. The MC+WG meetings would be a 1.5 days meeting (plus 1.5 days of conference, so three days in total). We should rapidly book it if we are interested.

**We approved the proposal to have the meeting in Slovakia.**

STSMs budget has also to be estimated. So, we should express interest in STSMs (email to Giovanni).

Dissemination: John and his group will tell their need in budget.

For the SMRT workshop in winter 2018, Ghislain Picard will send a draft budget.

EGU sessions are already defined for 2017. So, if we want to organise a Harnosnow session it will be in 2018. We can support a couple of missions this year to EGU if directly related to COST.

## AOB

Roberta Pirazzini mentioned a H2020 project that starts this December, 2016 and which includes activities to harmonise snow observations in the Arctic. The H2020 project should be linked to this COST action.

Ghislain Picard asked if the COST action could support the Snopviz software development. The chair clarified that the COST Action can support missions, but it cannot support the software development itself nor manpower.

## Closing

MC meeting was closed by thanking to local organizers and participants by the Chair.