

2018-04-18/19 COST ES1404 meeting, Tallinn-Estonia

Date

12 Apr 2018

Attendees

1. Ali Nadir Arslan
2. Leena Leppänen
3. Kairi Vint
4. Katalin Gillemot
5. Cemal Melih Tanis
6. Jürgen Helmert
7. [Külli Loodla](#)

By teleconference:

1. [Charles Fierz](#)
2. [Giovanni Macelloni](#)

Goals

- Progressing and finalizing deliverables for each working group WG1-3
- Planning and finalizing WGs and dissemination activities of next Grant Period 5

- Reviewing dissemination activities
- Planned meetings for next Grant Period 5
- Status of snow booklet and funding status and necessary modifications
- Planned manuscripts

Agenda

18.4.2018-morning (09:00-12:00)

Parallel meetings: WG3, and combined WG1-2 for progressing and finalizing deliverables and finalizing WG activities (including STSMs, workshops or WG meetings) for Grant Period 5

18.4.2018-afternoon (13:00-18:00)

Meeting for dissemination activities

19.4.2018-morning (09:00-12:00)

- presentations from WG groups
- presentations of suggested activities of Grant Period 5
- final selection of activities of Grant Period 5

19.4.2018 (13:00-18:00)

Parallel meetings for exchange information

WG3 issues

WG3 meeting: 2nd International Surface Working Group (ISWG) meeting in Lisbon, Portugal on the 26-28 of June, 2018 at Instituto Português do Mar e da Atmosfera

Feedback from A. Sensoy:

- Planned meetings for next Grant Period 5, WG3 meetings

Feedback from D. Finger:

- Dissemination of the field campaigns (the two campaigns in Iceland);
- Review articles on snow observations and modelling;
- Dissemination of the survey (see abstract from Jürgen)

Feedback from A. Haberkorn:

- Link between WG1/2 and WG3 questionnaire (same participants?) as 16 participants from WG3 questionnaire gave positive feedback for filling out WG1/2 questionnaire

Discussion:

WG3 chapter for ESB, introduction + recommendations, questionnaire results - for format ask Roberta

D4 snow data quality control: measurements - Leena, from DA - WG3 survey section 4.5

TBD in WG3:

- Quality control of snow data in DA: Exchange information with WG1/2 (questionnaire)

- From WG1/2 estimates for background error of snow measurements (results from field campaigns)
- WG3 chapter for ESB, introduction (usage of snow measurements in DA for NWP, Hydrology, Reanalysis), questionnaire results (core results) - for format ask Roberta
- Snow measurements on frozen bog in Sodankylä - included in ESB : Leena
- WG3 Review paper: Final version to Ali for distribution to the journal.

Minutes

Day 1

[>> Internal Meeting page and presentations](#)

[Leena Leppänen](#) - WG1 WG2 Deliverables.

D12 and D13 are done.

D12 [Ali Nadir Arslan](#) will be finishing the report by 15 May.

D13 [Ali Nadir Arslan](#) will be finishing the report by 15 May.

D1, D2, and D3 are related to the questionnaire, will be covered in manuscript and ESB. The cover page will be done by [Leena Leppänen](#) until end of May.

D4 Ask consortium first if we already have an existing, then edit and improve based on the existing one(s). WG3 Questionnaire has already information on the existing ones. [Leena Leppänen](#) will make contacts about how the QC is done and Jurgen will get information from the questionnaire. [Leena Leppänen](#) will direct the action to the person who is active on this.

D5 and D11 are both based on the field campaigns. ESB has a chapter on field campaigns. They will be based on the reports, manuscript, and STSMs. [Leena Leppänen](#) will do it until end of May.

D14 WG3 Abstract in the final stage. Questionnaire papers can be considered as a review paper. [Ali Nadir Arslan](#) and [Zuhal Akyurek](#) are editors in Geosciences special issue, papers are invited. [Ali Nadir Arslan](#) is responsible, by end of October.

[Jürgen Helmert](#) - WG3

[D6 Review report on snow data assimilation techniques and the use of snow observations in NWP, hydrology and climate models.](#)

[D7 Recommendations on how to get and use conventional snow observations from national networks for data assimilation and model validation.](#)

[D8 Recommendations about sustainable ways to create snow products for users by combining remote-sensing and conventional snow observations with modelling results.](#)

[D9 Report on spatial and temporal representativeness errors of snow measurements for DA in NWP and hydrological models.](#)

- Error data can be collected from all institutes available.

[D10 Peer-reviewed publications on advanced DA techniques for NWP and hydrological models.](#)

[D12 Two topical workshops for addressing the different focuses of the Action](#)

[D13 Training school on snow measurements and DA.](#)

[D14 Each of the three working groups will produce a review paper by the end of the Action.](#)

- The draft template exists already: [Review paper WG3](#)

More contribution needed from WG members for review paper and reports.

[Anna Haberkorn](#)- ESB (Presented by [Ali Nadir Arslan](#))

Recommendations for ESB:

1. [Anna Haberkorn](#) will create the draft and circulate with WG leaders and chair.
2. A chapter tentatively called "Application of snow measurements in data assimilation in NWP and hydrological models".
3. "Results of WG3 Questionnaire" to be included: "WG Questionnaires" instead of "WG1-2 Questionnaire" chapter, include WG3 Questionnaire.

Schedule recommendations:

- "No major changes in content are possible" conflicts with the schedule for the review by the editorial board. The review may require changes. Is there a problem with expressing? → Cleared out by Charles.
- "10 May 2018" as a deadline for "Merge all chapters..." is too early. There should be more time (+1 month) for that instead of the editorial board review. The editorial review can be shorter (-1 month). → Agreed that the dates have not changed but we can be flexible.
- Marie Dumont to be on the editorial board is suggested. → If Ghislain and Samuel not available, she will be on duty anyway. No need to include at the moment.

Katalin G. - Gap Analysis questionnaire

COST Action gap analysis questionnaire is revised by the meeting participants. Katalin will complete the edits then recirculate it.

[Ali Nadir Arslan](#) - GP5 Activities planning

Should be approved mid-May.

WG Meeting in Evora, Portugal, 29 - 30 June 2018.

WG and Dissemination Meeting in Davos, Switzerland, 28 - 29 August 2018.

MC Meeting with Dissemination Workshop in Budapest, Hungary, 29 - 31 October 2018.

Dissemination Product (ESB)

STSM (12)

ITC Conference Grant (4)

Day 2

[>> Internal Meeting page and presentations](#)

[Ali Nadir Arslan](#) - GP5 Activities planning cont'd

Period 5 working plan, goals and activities are planned and drafted into the e-cost system.

The draft will be sent to MC members. After the comments the plan will be sent to cost officer.

Top up money will be asked to cost officer.