

WORKSHOP ANNOUNCEMENT

The *snow_cci* Project Team



invites the scientific community to participate at the

2nd User Requirement Workshop for the ESA Climate Change Initiative (CCI) - Snow Essential Climate Variable

DATE: Tuesday, 25 May 2021, 13:00 – 17:00 CEST

VENUE: Virtual Meeting

MEETING LINK: Distributed in advance of the meeting to registered participants

BACKGROUND

In the frame of the European Space Agency (ESA) Climate Change Initiative (CCI) the *snow_cci* project developed and generated new 40 years long climate data records of daily global products on primary seasonal snow parameters using satellite data. The products were specified at the 1st *snow_cci* User Workshop in November 2018. The first version of the snow product portfolio consists of daily global fractional snow extent (SCF) with and without canopy correction, and snow water equivalent (SWE). Associated maps of retrieval uncertainty are produced for all products. The data were released to the user community through the ESA CCI Open Data Portal.

The workshop will bring together the *snow_cci* project team, the Climate Research Group associated with *snow_cci*, and users of *snow_cci* products working in various application fields related to climate monitoring and modelling.

OBJECTIVES OF THE WORKSHOP

- Review and consolidate the portfolio of global daily *snow_cci* products from satellite data
- Collect feedback on the usage of *snow_cci* products from various applications
- Discuss challenges related to the generation of snow extent and snow mass CDRs
- Review and consolidate requirements and specifications of *snow* products as guidelines for *snow_cci* Phase-2
- Engage the snow-climate research community to facilitate collaboration and networking
- Present and discuss results from climate analysis, climate applications, and process studies using snow CDRs
- Intensify the collaboration between different CCI projects, initiate discussion on homogenisation of products across ECVs, and identify snow data requirements as a contribution to potential cross-ECV analyses

EXPECTED OUTCOMES OF THE WORKSHOP

- Usability and performance of *snow_cci* products and their uncertainty maps in various climate applications
- Identification of gaps and deficiencies of snow products specific to climate analysis needs
- Updated and consolidated user requirements for the *snow_cci* products (snow extent; snow water equivalent) with focus on climate monitoring and modelling applications supporting *snow_cci* Phase-2.
- Identification of additionally required parameters/products of seasonal snow cover for climate applications
- Recommendations for collaboration between CCI projects and homogenisation of different CDRs
- Recommendations for synergistic use and exploitation of snow products in the overall context of terrestrial climate variables

SUBMISSION OF TITLES FOR PRESENTATIONS

Short presentations of your application in climate research for which you already use, or anticipate using, *snow_cci* data are welcome. Please provide the title of your presentation by **10th May 2021** as part of the online registration at <http://snow-cci.enveo.at>.

REGISTRATION

Registration is open until **24th May 2021**. The workshop is open to presenters and non-presenters. For facilitating workshop organisation, we kindly ask to register as soon as possible. The workshop is free of cost. Please register online at <http://snow-cci.enveo.at>.

WORKSHOP WEB SITE

We will provide updated information on the workshop and the draft program at <http://snow-cci.enveo.at>

IMPORTANT DATES

Announcement of workshop	9 April 2021
Submission of presentation titles (together with registration)	10 May 2021
Notification of acceptance of presentations and Agenda	15 May 2021
Online Registration at http://snow-cci.enveo.at	24 May 2021
2 nd Snow CCI User Workshop (online)	25 May 2021, 13:00 – 17:00 CEST

SCIENTIFIC ORGANISING COMMITTEE

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FURTHER INFORMATION

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