

WORKSHOP ANNOUNCEMENT

The *snow_cci* Project Team



invites the scientific community to participate at the

1st User Requirement Workshop for the ESA Climate Change Initiative (CCI) - Snow Essential Climate Variable

DATE: Thursday, 9:00 – 17:00, 29 November 2018

**VENUE: Zentralanstalt für Meteorologie und Geodynamik (ZAMG)
1190 Vienna, Hohe Warte 38, AUSTRIA**

MEETING ROOM: Stabskrisenraum A+B (Karl-Kreil Haus)

BACKGROUND

The European Space Agency (ESA) Climate Change Initiative (CCI) aims to provide high quality climate data products derived from long-term satellite data records in order to meet the needs of climate research and monitoring activities. The recently initiated *snow_cci* project contributes to this goal by generating time series of daily global snow products over the past 40 years derived from satellite data. This will be achieved by establishing reliable processing lines and generating consistent, fully validated data sets of key parameters of the global seasonal snow pack. *snow_cci* addresses the following primary snow parameters, defined by the Global Climate Observing System (GCOS): snow cover extent and snow water equivalent.

In order to update and revise the user requirements for *snow_cci* products, a user workshop will be held on 29th November 2018, hosted by Zentralanstalt für Meteorologie und Geodynamik, in Vienna, Austria. The workshop will bring together the *snow_cci* project team, the Climate Research Group associated with *snow_cci*, and potential users of *snow_cci* data working in various application fields related to climate monitoring and modelling.

OBJECTIVES OF THE WORKSHOP

- Bring together the snow-climate research community at the start of the *snow_cci* project to facilitate collaboration and networking
- Present the current status of global daily *snow_cci* products derived from satellite data
- Present and discuss product requirements for key parameters of seasonal snow as they relate to different applications and use cases in climate research
- Discuss needs and procedures for characterising uncertainty of satellite snow products for different applications

EXPECTED OUTCOMES OF THE WORKSHOP

- Overview of status and characteristics of current snow products used in climate applications
- Identification of gaps in snow products specific to climate analysis needs
- Revised and updated user requirements for the *snow_cci* products (snow extent; snow water equivalent) with focus on climate monitoring and modelling applications
- Identification of additionally required parameters/products of seasonal snow cover for climate applications
- Specification of user requirements for *snow_cci* uncertainty estimates
- 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 anticipate using *snow_cci* data are welcome. Please provide the title of your presentation by **31th October 2018** as part of the online registration at <http://snow-cci.enveo.at>.

REGISTRATION

Registration is open until 20th November 2018. 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

1 st workshop announcement	5 October 2018
Submission of presentation titles	31 October 2018
Notification of acceptance of presentations	5 November 2018
Online Registration at http://snow-cci.enveo.at	20 November 2018
1 st Snow CCI User Workshop	29 November 2018

SCIENTIFIC ORGANISING COMMITTEE

Thomas Nagler (ENVEO)
Gerhard Krinner (CNRS)
David Gustafsson (SMHI)

Chris Derksen (ECCC)
Richard Essery (University Edinburgh)
Helmut Rott (ENVEO)

LOCAL ORGANIZER

Marc Olefs (ZAMG) and Gabriele Schwaizer (ENVEO)

FURTHER INFORMATION

Thomas Nagler (thomas.nagler@enveo.at) or Chris Derksen (chris.derksen@canada.ca)