

climate change initiative

→ WATER VAPOUR

ESA Water Vapour Climate Change Initiative (WV_cci)

User Workshop

Second announcement

Dates: 14–18 June 2021 (online)
Topic: Challenges around atmospheric water vapour

Abstract submission & registration now open at
<https://events.spacepole.be/event/122/>

Background:

The Water Vapour Climate Change Initiative (WV_cci) is a project of the European Space Agency (ESA) with the overall goal to generate climate data records (CDRs) of atmospheric water vapour for use in climate applications. The project develops, validates, and releases quality-controlled, long-term CDRs of total column water vapour (TCWV) and water vapour profiles in the stratosphere (2D), as well as a five-year data record of water vapour profiles in the troposphere and lower stratosphere (3D).

Objectives:

The aim of the workshop is to bring together the broader water vapour community, including those interested in the generation of water vapour CDRs and data users (such as climate modellers and NWP researchers) in order to discuss the most recent scientific applications and challenges in processing and using water vapour CDRs. Topics of the workshop include:

- Discuss challenges related to the generation of water vapour CDRs.
- Show-case climate user applications of water vapour CDRs (with focus on WV_cci CDRs).
- Collect and update user requirements for atmospheric water vapour.
- Present and discuss results from climate analysis, climate applications, and process studies using water vapour CDRs.

Format:

The workshop will be carried out online and will consist of a series of presentations and discussion blocks. It is foreseen to have the workshop in the week 14–18 June 2021, at 14–18 CEST. The exact number of days will depend on the number of submitted abstracts.

Other relevant dates:

Abstract submission: 05 May 2021
Registration: 31 May 2021



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