

WCRP Open Science Conference 2023

Advancing climate science for a sustainable future

FIRST CIRCULAR



A FULLY HYBRID
EVENT

Themes

- Recent advances in climate science
- Climate research challenges and opportunities
- Regional climate extremes and risks
- Useful and useable climate information

WCRP
World Climate Research Programme



International
Science Council

For more information and to register your interest
please visit the Conference webpage

www.wcrp-climate.org/WCRP-OSC23

WCRP OPEN SCIENCE CONFERENCE 2023

Bridging Climate Science and Society

The WCRP Open Science Conference 2023 will bring together diverse research communities, programmes and partners to discuss the latest developments in climate science, with an emphasis on science-based information for decision making. WCRP is looking at innovative ways to bridge science and society and to foster future climate science leadership, through workshops, public exhibits, forums, and other associated events.

The Conference will highlight advances and challenges in research on the coupled Earth System. It will feature sessions on modelling, observations, and the development of climate information for society. There will be a strong focus on climate risk, including the consequences, likelihoods and responses to the impacts of climate change, as well as the innovations needed to ensure that climate science information, data, and training are accessible to all those who seek them.

Grand Challenges

The Conference will celebrate the achievements of **WCRP's Grand Challenges**. These are extremely successful WCRP activities that will close at the end of 2022.



Conference format and location

The Conference will have both in-person and state-of-the-art remote participation options to ensure inclusion and engagement while minimizing our carbon footprint. Details of the Conference programme, its format and its location, and exact dates will be provided in a Second Circular early in 2022.

Register your interest!

- Conference webpage
www.wcrp-climate.org/WCRP-OSC23
- Social media
[#WCRP-OSC23](https://twitter.com/WCRP-OSC23)
- Contact:
WCRP-OSC23@wcrp-climate.org

ABOUT WCRP

The World Climate Research Programme (WCRP) leads the way in addressing frontier scientific questions related to the coupled climate system — questions that are too large and too complex to be tackled by a single nation, agency or scientific discipline.

The Programme has 6 Core Projects: Climate and Cryosphere (CliC); Climate and Ocean Variability, Predictability and Change (CLIVAR); Global Energy and Water Exchanges (GEWEX); Stratosphere-troposphere Processes And their Role in Climate (SPARC); Earth System Modelling and Observations (ESMO); Regional Information for Society (RIfS). New Lighthouse Activities integrate the science from all Core Projects to address frontier and societally relevant science questions.