



WCRP Climate Research Forum
Climate research priorities
for the next decade

An online forum to discuss climate research priorities, opportunities
and challenges in the next decade

Europe and Western Asia: 9 June 2021

9:00 – 12:30 Central European Summer Time (CEST)

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The World Climate Research Programme (WCRP) leads the way in addressing frontier scientific questions about the coupled climate system — questions that are too large and too complex to be tackled by a single nation, agency, or scientific discipline. For almost 40 years WCRP has coordinated international climate research to advance our understanding of the climate system and how it is affected by human activities. The decades ahead will bring challenges that can only be addressed through a worldwide coordinated effort, involving co-design and stakeholder engagement conducted by a prepared scientific workforce, to support mitigation strategies and adaptation planning. This is one in a series of regional forums, where we will exchange ideas, discuss new activities and opportunities being developed by WCRP, and explore ways that our community of scientists, partner programs, funders, and end-users of our climate science can engage to meet these challenges.

This Forum will begin with an overview of WCRP from the Chair and Vice Chair of the WCRP Joint Scientific Committee (the scientific steering body of WCRP), Detlef Stammer and Helen Cleugh, followed by presentations highlighting key WCRP Activities, including several of the WCRP Core Projects, the Coupled Model Intercomparison Project (CMIP), the Coordinated Regional Climate Downscaling Experiment (CORDEX), and the WCRP Lighthouse Activities (My Climate Risk, Safe Landing Climates, Explaining and Predicting Earth System Change, and the WCRP Academy). This will be followed by two panel discussions:

Panel 1: Opportunities to broaden WCRP science engagement

Panelists will include:

- Wendy Broadgate, Future Earth Global Hub Director, Sweden
- Alexander Chernokulsky, Obukhov Institute of Atmospheric Physics, Russia
- Panos Hadjinicolaou, Climate and Atmosphere Research Center, The Cyprus Institute, Cyprus
- Orli Lachmy, Open University of Israel, Israel
- Gaby Langendijk, GERICS Climate Service Center, Germany, and the Young Earth System Scientists (YESS) Community

Panel 2: Opportunities to strengthen support for WCRP science

Panelists will include:

- Antonios Gypakis, General Secretariat for Research and Technology, Greece
- Susanne Mecklenburg, European Space Agency (ESA), UK
- Jean-Noël Thépaut, Copernicus Services, European Centre for Medium-Range Weather Forecasts (ECMWF), UK
- Philippe Tulkens, Climate and Planetary Boundaries Unit, European Commission, Belgium
- Sarah Webb, Natural Environment Research Council, UK

This will be followed by a moderated question and answer session.

The Forum is without charge and is open to all, but we do ask that you register.

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We thank the following WCRP Regional Focal Points for organizing this Forum:

Ségolène Berthou	Met Office Hadley Centre, UK
Masa Kageyama	Laboratoire des sciences du climat et de l'environnement (LSCE), France
Eleni Katragkou	Aristotle University of Thessaloniki, Greece
Frank Kreienkamp	Deutscher Wetterdienst, Germany
Orli Lachmy	Open University of Israel, Israel
Hauke Schmidt	Max Planck Institute for Meteorology (MPI), Germany
Stefan Sobolowski	NORCE and the Bjerknes Centre for Climate Research, Norway
Andrea Steiner	Center for Climate and Global Change, University of Graz, Austria
Andrea Storto	Institute of Marine Sciences (ISMAR), National Research of Council (CNR), Italy
Svetlana Travova	Hydrometeorological Research Centre of the Russian Federation, Russia

We also would like to thank the WCRP JSC Chair, Vice Chair, Officers and Members: Detlef Stammer, Helen Cleugh, Pascale Braconnot, Martin Visbeck, and Thomas Peter. The Forum is kindly hosted by the Deutscher Wetterdienst (DWD) (Frank Kreienkamp and Miriam Tivig) and supported by the SPARC International Project Office (Mareike Heckl), the CliC International Project Office (Beatriz Balino), and the WCRP Secretariat (Narelle van der Wel).



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