

World Climate Research Programme

What do we do?

We provide an international forum to coordinate the research efforts of thousands of scientists engaged in climate research.

Why does it matter?

Our climate is changing at an unprecedented rate and is already having an impact on our societies.

Knowledge is required to understand the complexities of climate variability and change, as well as for adaptation, resilience, disaster risk reduction and sustainable development.

How can you help?

Financial and in kind support are crucial to the continuing success of the Programme. Contact us to discuss how you can help:

wcrp@wmo.int

The WCRP Community provides:



Fundamental climate science and targeted research that addresses critical global challenges



Integrated global and regional climate research and products



Coordinated observational, data and modeling experiments



Improved climate analysis and predictions to support policy making and services

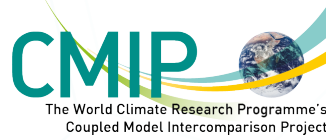


How is our climate changing and what will it mean for society?

WCRP HIGHLIGHTS 2017

WCRP responds to society's critical need for climate science data and information

Climate variability and change are already having a significant impact on society. To respond, avoiding threats and taking advantage of opportunities, governments need climate and environmental change predictions at increasingly high resolutions on increasingly near-term time scales.



6th Phase of Coupled Model Intercomparison

Regional Climate Downscaling



Science advice in 2017 to:



THE OCEAN CONFERENCE UNITED NATIONS, NEW YORK, 5-9 JUNE 2017



and more...



WCRP promotes a universal sharing of data, knowledge and information

WCRP promotes an open-access approach to scientific data sharing, to ensure that international collaboration can meet the challenges of a changing climate. The Programme supports the creation of a global data infrastructure — a system to manage and deliver the growing amount of climate model data.

WCRP fosters international, coordinated and integrative climate science

WCRP sponsored international and multidisciplinary science conferences, workshops and summer schools bring together the best minds to address high priority research questions. WCRP recognises that the foundation of a successful research community is capacity building and the fostering of future climate leaders.



Support in 2017 for:

Hundreds of early career and senior researchers from **46** countries

70

international conferences, meetings and workshops, including

6

summer schools

WCRP HIGHLIGHTS 2017

