

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

South America: 8-9 September 2021

13:30 – 16:00 Coordinated Universal Time (UTC)

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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 first forum in South America will include two days of discussions:

Day 1 - 8 September 2021, 13:30 - 16:00 UTC

1. **WCRP 'Our Climate Future'** – Detlef Stammer/Helen Cleugh, Chair and Vice Chair, WCRP Joint Scientific Committee.
2. **'My Climate Risk' Lighthouse Activity**
 - **Regina Rodrigues**, Federal University of Santa Catarina, Brazil – WCRP My Climate Risk Lighthouse Activity: Inverting the construction of climate information.
 - **Anna Sörensson**, Research Centre of the Sea and the Atmosphere, Argentina – Constructing regional climate information relevant for risk assessments and decision making.
3. **Capacity development: What is needed in South America?**
 - **Patricia Krecl**, Federal University of Technology, Brazil and RA-III representative, WMO Research Board – Innovation in the WMO Regional Associations: diagnostics and recommendations.
 - **Pablo Borges de Amorim**, Federal University of Santa Catarina, Brazil – WCRP Academy Lighthouse Activity.

Day 2 - 9 September 2021, 13:30 - 16:00 UTC

4. **WCRP 'Regional Information for Society' (Rifs) Core Project**
 - **Silvina Solman**, University of Buenos Aires, Argentina – CORDEX in South America and Introduction to the new WCRP Core Project: Regional Information for Society (Rifs).
 - **Germán Poveda**, National University of Colombia, Colombia – Hydroclimate Research Program for the Andes (ANDEX) and the connection with Rifs.
5. **Round table – WCRP, Future Earth and the UN Ocean Decade**
Salvatore Arico, Intergovernmental Oceanographic Commission of UNESCO; **Emmanuelle Di Lorenzo**, Future Earth OCEAN KAN; **Ivonne Montes**, Geophysical Institute of Peru. Moderated by **Ken Takahashi**, WCRP Joint Scientific Committee, and **Regina Rodrigues**, My Climate Risk Lighthouse Activity.

There will be opportunities for discussion throughout the Forum.

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:

Carla Gulizia	Research Centre of the Sea and the Atmosphere (CIMA/CONICET-UBA), Argentina
Boris Dewitte	Centre for Advanced Studies of Arid Zones (CEAZA), Chile/France
Andrea Carril	University of Buenos Aires, Argentina
Jhan Carlo Espinoza	Institute of Environmental Geosciences (Univ. Grenoble Alpes, IRD, CNRS), Peru/France.
Jose Santos	WCRP CLIVAR Core Project, Ecuador/China
Julieta Massafiero	National Scientific and Technical Research Council, Argentina
Maria Laura Bettolli	University of Buenos Aires-CONICET, Argentina
Michelle Simões Reboita	Federal University of Itajubá, Brazil

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