

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

Eastern Asia: 7 April 2021

15:00-17:00 CST (GMT+8); 16:00-18:00 KST/JST (GMT+9)

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Image: [NASA Johnson](#), Rivers and Snow in
the Himalayas, China and India

www.wcrp-climate.org/climate-research-forums



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Science Council

Climate research priorities for the next decade

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.

As part of our commitment to meet these challenges, we are embarking on a series of regionally-based Climate Research Forums. These Forums will provide a chance to 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. In the longer-term, it will contribute to building “a world that uses sound, relevant, and timely climate science to ensure a more resilient present and sustainable future for humankind” (our vision).

This Forum will begin with an overview of WCRP from the Vice Chair of the WCRP Joint Scientific Committee (the scientific steering body of WCRP) Helen Cleugh, followed by talks highlighting climate science priorities and opportunities for collaboration in the Eastern Asian Region from an agency perspective:

- **Current methodology for climate prediction in KMA and future research priorities.** Dr. Hyunsoo Lee, Director of Korea Meteorological Administration (KMA) Climate Prediction Division.
- **Climate services from TCC and research needs for future.** Mr. Yoshinori Oikawa, Senior Scientific Officer, Tokyo Climate Center (TCC), Japan Meteorological Agency.
- **Towards understanding changes in extreme weather and climate events in the East Asia Monsoon Region.** Prof. Panmao Zhai, Chief Scientist, Chinese Academy of Meteorological Sciences (CMA).

There will then be two talks on climate science activities in the Eastern Asian Region:

- **Third Pole Environment.** Prof. Tandong Yao, Academician, Institute of Tibetan Plateau Research, Chinese Academy of Sciences.
- **How can early career scientists benefit from WCRP?** Dr. Minhee Chang, SNU, Korea; Dr. Misako Hatono, Hiroshima University, Japan; Dr. Fei Li, IAP, China; Dr. Qi Shu, FIO, China; Dr. Kanghyun Song, Yonsei University, Korea; Dr. Nobuyuki Utsumi, KUAS, Japan.

There will be several opportunities for facilitated discussion during the Forum.

The Session is open to everyone. Please register.

We thank the following WCRP Regional Focal Points for organizing this Forum: Fangli Qiao, Hyungjun Kim, B.J. Sohn, Qingyun Duan, and Seok-Woo Son. Supported by the International CLIVAR Project Office.

There will be a series of WCRP Climate Research Forums taking place around the world. To find out more and to get involved, please see the WCRP website.

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