

WASP



The World Adaptation Science Programme
<https://wasp-adaptation.org/>

Secretariat Head: Maarten Kappelle
Secretariat Coordinator: Ying Wang
Email: secretariat@wasp-adaptation.org

Voluntary submission for SBSTA 52

Agenda Item 6. Research and systematic observation/Research Dialogue - Views on possible topics for consideration at the research dialogue to be held at SBSTA 52 and beyond

The World Adaptation Science Programme (WASP), which builds on the experience of the Programme of Research on Climate Change Vulnerability, Impacts and Adaptation (PROVIA), has been contributing to the Research Dialogue since it commences. WASP is co-led by six UN agencies, WMO, UNEP, UNFCCC, IPCC, GCF and GEF. WASP welcomes the opportunity to submit its views on possible topics for the Research Dialogue forum, to be held in conjunction with SBSTA 52 and beyond.

The Research Dialogue is a significant mechanism under the Paris Agreement and the SBSTA, which serves as a platform to exchange knowledge beyond the scientific communities on selected topics and issues and can facilitate the implementation of the Paris Agreement by informing UNFCCC consortium. It is important to continue and enhance this dialogue, which in its nature can be built into the key interface between the science, policy, and action.

Given the time constraints of the Research Dialogue, we would like to propose the meeting should allow the presentations and demonstrations of the most recent scientific findings as well as host knowledge exchanges dialogues and discussions with a wide group of experts presented to generate common understanding, reach agreement on status and trends and cultivate solutions and collaborations.

The Research Dialogue presents an excellent opportunity for scientific inputs. 2020 as the year of the fifth-year anniversary of the Paris Agreement, was also recognized as a year with extreme weather conditions repeatedly occurring and taking great toll across the world, from raging wildfires in the U.S. and Australia to devastating floods in south China. There is an urgent need for promoting actions and advancing the science-policy-action interface. Under this circumstance, possible topics for the Research Dialogue at SBSTA 52 and beyond should integrate perspectives of policymakers, scientists, and practitioners. The following topics are relevant in this respect, with no order of preference:

- Policy and/or decision supporting tools and platforms
- Global goal on adaptation, including metrics to monitor progress
- Forward-looking research directions and learning agendas
- Current and future climate risks and impacts, including the high-end scenario assessments, cascading stressors and risks, and transboundary climate risks, etc.
- Evidence of climate risk reduction for both mitigation and adaptation in the context of policy, action, and technology application (e.g. Nature based solutions, Early warning and weather forecasting systems, etc.)

The WASP looks forward to contributing to the Research Dialogues during SBSTA 52 and beyond. It is a pleasure for the WASP to present its work and exchange data, information and knowledge with UNFCCC member states and other national, regional and international research programmes and organizations on milestones, needs and gaps, as well as to interact with experts, policy-makers and practitioners from diversified backgrounds.