



Twelfth Meeting of the SBSTA Research Dialogue

Science for global net-zero: Updates on science and enhancing understanding to accelerate mitigation and adaptation

24-25 November 2020

DAY 1, 24 NOV 2020

Theme 1: Updates on advancements in research and modelling

All times shown in CET

09:00-10:00	Poster Q&A theme 1 Between registered participants and poster contributors	PLEASE NOTE: Posters are available throughout the Climate Change Dialogues - details of titles and contributors below
12:00-14:00	Dialogue Part 1	<i>Chair:</i> SBSTA Chair
12:00	Opening remarks	SBSTA Chair
12:05	Our Climate Future: Impacts and risks	Michael Sparrow, WCRP
12:25	The World Adaptation Science Programme (WASP): Emerging Research Directions and Core Activities	Anand Patwardhan and Minpeng Chen, WASP
12:40	Insights from IAM studies: COVID-19 implications, net-zero scenarios, and bridging the gap	Bas van Ruijven, IIASA, Integrated Assessment Modeling Community
12:55	Understanding carbon dioxide removal for net zero - opportunities, risks and benefits	Andy Reisinger, Principal Scientist, Climate Change, Ministry for the Environment, New Zealand
13:10	Scientific and societal assessment of potential ocean interventions for climate change mitigation	Chris Vivian, GESAMP GESAMP WG 41
13:25	5th Global Biodiversity Outlook (GBO-5): Biodiversity, climate change and transitions to a more sustainable future	Hesiquio Benitez Diaz, CBD
13:40	General Discussion	
13:55-14:00	Concluding remarks and invitation to special event, poster Q&A and day 2	SBSTA Chair
16:00-17:00	World Adaptation Science Programme Special event WASP Science and Adaptation Policy Briefs: Launch and Stakeholder Engagement	Johanna Nalau, Jean Palutikof, Roger Street, Magnus Benzie, Richard Betts, Richard Klein, Bruce Currie-Adler, and Cynthia Rosenzweig, WASP
17:00-18:00	Poster Q&A theme 1 between registered participants and poster contributors (Repeated)	



DAY 2, 25 NOV 2020

Theme 2: Factors for enhancing understanding to accelerate adaptation and mitigation.

All times shown in CET

09:00-10:00	Poster Q&A theme 2 Between registered participants and poster contributors	PLEASE NOTE: Posters are available throughout the Climate Change Dialogues - details of titles and contributors below
12:00-14:00	Dialogue Part 2	<i>Chair:</i> SBSTA Chair
12:00	Opening remarks	SBSTA Chair
12:05	Reaching Zero with Renewables: understanding the potential of renewable-based solutions for industry and transport in support of the 1.5-degree-C goal	Paul Durant, IRENA
12:25	Understanding research on consumption and behaviour in decision making for net zero	Joyashree Roy, Asian Institute of Technology, Thailand; Jadavpur University, India
12:40	Understanding research on climate finance in a challenging macroeconomic environment	Silvia Kreibiehl, Frankfurt School - UNEP Collaborating Centre for Climate & Sustainable Energy Finance
12:55	Regional action on climate adaptation and mitigation: APN synthesis, community-based approaches, and future direction	Linda Anne Stevenson, Asia Pacific Network for Global Change
13:10	Welcoming complexity in adaptation research, policy and action	Daniel Morchain, IISD – NAP Global Network
13:25	Accelerating action on climate change: Engaging with the practical, political, and personal spheres of transformation	Karen O'Brien, University of Oslo
13:40	General Discussion	
13:55-14:00	Concluding remarks and invitation to final poster Q&A	SBSTA Chair
17:00-18:00	Poster Q&A theme 2 between registered participants and poster contributors (Repeated)	



POSTERS

Theme 1: Updates on advancements in research and modelling

Updates on research and modelling for global net-zero	
1. The impact of COVID-19 and the greenness of recovery packages on climate change mitigation scenarios	Bas van Ruijven, IIASA; Detlef van Vuuren, PBL; Integrated Assessment Modelling Community
2. Good-practice policies can help bridge the emissions gap towards a low-carbon future	
3. GESAMP Working Group 41 on Ocean Interventions for Climate Change Mitigation - Potential contribution for enabling ocean carbon dioxide removal to achieve net zero and green recovery	Salvatore Arico, IOC UNESCO; Chris Vivian, GESAMP WG 41
4. Navigating Climate Neutrality: A Framework for Local and Regional Governments to Achieve Net Zero GHG Emissions	Pourya Salehi, Maryke van Staden, Yunus Arikan, ICLEI - Local Governments for Sustainability (World Secretariat)
5. Carbon Dioxide Removal: Boosting promising approaches indispensable to meet Swiss and global climate targets	Switzerland
6. Circular Carbon Economy	Naif B. Alqahtani, Saudi Arabia

Theme 2: Factors for enhancing understanding to accelerate adaptation and mitigation

Understanding global and regional dimensions	
1. Managing transboundary climate risks to meet the global challenge of adaptation	Katy Harris, Frida Lager, Adaptation Without Borders / Stockholm Environment Institute
2. The HKH Call to Action: From science to coordinated regional adaptation	Arun B. Shrestha, ICIMOD
3. Why equity matters in adaptation and mitigation actions in the ground? Insights from the Sahel	Houria Djoudi, CIFOR Senior Scientist
4. Co-production for decision support in Future Climate for Africa	Future Climate for Africa researchers
5. Interconnections of Earth-Human systems: Visualization and projection of future climate, ecosystem, water, energy, and food	Tokuta Yokohata, National Institute for Environmental Studies (NIES), Japan
6. Climate Change Research in Asia: A knowledge synthesis of Asia-Pacific Network for Global Change Research (2013-2018)	Xiaojun Deng, Linda Anne Stevenson, Christmas Uchiyama, Asia Pacific Network for Global Change
7. Enhancing the capacity of researchers, policymakers and civil society to talk to one another and strengthen the climate science-policy-action interface: Capacity-building Knowledge to Action Days	Marie-Eve Landry and Walter Ubal, International Development Research Centre (IDRC); Mahawan Karuniasa and Marzena Chodor, PCCB; Daniel Morchain, IISD – NAP Global Network
8. Large-scale carbon dioxide removal: Are we ready? How can governance help?	C2G initiative / Carnegie Council for Ethics in International Affairs
9. Risk and adaptation to climate change in RIOCC countries	José Manuel Moreno Rodríguez, Department of Environmental Sciences, University of Castilla-La Mancha