

**DRAFT TEXT**  
**on**  
**SBSTA 58 agenda item 7**  
**Research and systematic observation**  
**Version 10/6/2023 10:00**

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1. The Subsidiary Body for Scientific and Technological Advice (SBSTA) noted the importance of discussion under this agenda item on scientific advances and on research gaps and needs relevant to supporting work under the Convention and the Paris Agreement.
2. The SBSTA welcomed the activities and information reported in the statements delivered at the opening plenary of this session by the Global Climate Observing System, the Intergovernmental Panel on Climate Change (IPCC), the World Climate Research Programme and the World Meteorological Organization (WMO).
3. The SBSTA invited WMO to report on the outcomes of the nineteenth World Meteorological Congress, held from 22 May to 2 June 2023, at SBSTA 59 (November–December 2023).
4. The SBSTA also welcomed the Synthesis Report of the IPCC Sixth Assessment Report.<sup>1</sup> It expressed its appreciation and gratitude to the authors and the IPCC for their work on the Synthesis Report, which contains key findings and integrates information from all contributions to the sixth assessment cycle. It noted the importance of the IPCC Sixth Assessment Report in supporting decision-making on climate change on the basis of the best available science.
5. The SBSTA expressed its appreciation to its Chair, the Chair and secretariat of the IPCC and the UNFCCC secretariat for organizing the SBSTA–IPCC special event on key findings from the Synthesis Report of the IPCC Sixth Assessment Report, held on 5 June 2023.<sup>2</sup>
6. Reflecting on the special event, the SBSTA noted the significant advances in scientific understanding of climate change since the IPCC Fifth Assessment Report, and that the risk of climate change impacts is increasing with every increment of global warming, with many such impacts assessed as being at greater risk of occurring, at any given degree of warming, in the Sixth compared with in the Fifth Assessment Report. It also noted the importance of the findings in the Sixth Assessment Report for pursuing efforts to limit global warming to 1.5 degrees Celsius.
7. The SBSTA expressed its appreciation to its Chair and the secretariat for organizing the fifteenth meeting of the research dialogue, held on 8 June 2023, on transformational adaptation, non-carbon dioxide greenhouse gases and negative-emission technologies.<sup>3</sup>
8. Reflecting on the event and meeting referred to in paragraphs 5 and 7 above respectively, the SBSTA noted knowledge gaps and research needs related to scenario development and use; high-resolution regional information; complex, cascading and transboundary risks; risks and opportunities related to upscaling carbon dioxide removal; the policy implications of different emission metrics choices; enabling environments to advance the findings; and synergies and trade-offs between mitigation, adaptation and the Sustainable Development Goals and the consideration of equity.
9. The SBSTA encouraged the scientific community to take action to address the gaps and needs referred to in paragraph 8 above, including by strengthening regional research capacity, in preparation for scoping of the IPCC seventh assessment cycle. It also encouraged

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<sup>1</sup> IPCC. 2023. *Climate Change 2023: Synthesis Report. Contribution of Working Groups I, II and III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change*. Core Writing Team, H Lee, and J Romero (eds.). Geneva: IPCC. Available at <https://www.ipcc.ch/report/ar6/syr/>.

<sup>2</sup> See <https://unfccc.int/event/sbsta-ipcc-special-event-key-findings-of-the-sixth-assessment-synthesis-report>.

<sup>3</sup> See <https://unfccc.int/event/research-dialogue-15>.

the IPCC to continue its efforts to enhance inclusive and regionally balanced representation of experts.

10. It invited its Chair to prepare, with the assistance of the secretariat, a summary report on the meeting referred to in paragraph 7 above, to be made available in advance of SBSTA 59.

11. The SBSTA expressed its appreciation and gratitude to IPCC and other experts for their contributions to the event and meeting referred to in paragraphs 5 and 7 above respectively and for their contributions to events related to the IPCC Sixth Assessment Report held during this session.

12. The SBSTA invited Parties and relevant organizations to submit via the submission portal<sup>4</sup> by 15 March 2024 views on possible themes for the sixteenth meeting of the research dialogue, to be held in conjunction with SBSTA 60 (June 2024).

13. The SBSTA recommended a draft decision on the IPCC sixth assessment report [as an annex or footnote] for consideration and adoption at COP 28 and CMA 5 (November–December 2023).

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<sup>4</sup> <https://www4.unfccc.int/sites/submissionsstaging/Pages/Home.aspx>.