

# Fifteenth Meeting of the SBSTA Research Dialogue

## Note by the Chair of the SBSTA

26 May 2023

This note provides information on the mandated fifteenth meeting of the SBSTA research dialogue. The event will aim to provide an opportunity for participants to have a direct exchange with experts on the latest science and research and research capacity building needs, particularly for developing countries.

**The meeting will take place on Thursday 8 June 2022 from 11:00 to 13:00 (CEST) in room New York.**

Further information relating to this event is available on the UNFCCC's website and will be updated regularly <https://www.unfccc.int/event/fifteenth-meeting-of-the-research-dialogue>.

## I. Introduction

1. The research dialogue<sup>1</sup> provides a forum between the scientific community, Parties and non-Party stakeholders to convey research findings and lessons learned and discuss needs for research and research capacity building, particularly those of developing countries, to support the implementation of the UNFCCC and the Paris Agreement. Themes for each meeting of the dialogue are guided by submissions, as well as the mandates and ongoing work under the UNFCCC, including the global stocktake, the global goal on adaptation work programme and the mitigation work programme. Information on past meetings of the research dialogue is available online.<sup>2</sup>
2. The synthesis report of the IPCC sixth assessment report (AR6) has been published since the last meeting of the research dialogue in June 2022.<sup>3</sup> A SBSTA-IPCC special event on the synthesis report is held in conjunction with SBSTA 58 on Monday 5 June in advance of the fifteenth meeting of the research dialogue.
3. The fifteenth meeting of the research dialogue, as identified in the annotations and the scenario note for SBSTA 58, will inform the negotiations on research and systematic observation that will take place under agenda item 8(a). I encourage Parties to use the information highlighted by this year's dialogue as well as other relevant events in that work.

## II. Approach

### 1. Themes

4. The SBSTA invited Parties and relevant organizations to submit their views on possible themes for the fourteenth meeting of the research dialogue by 28 February 2023.<sup>4</sup>
5. The themes of the fourteenth meeting are based on submissions whilst also considering ongoing activities under the Convention and Paris Agreement.
6. The themes are:
  1. Transformational adaptation,
  2. Non-CO<sub>2</sub> greenhouse gases,

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<sup>1</sup> See Decision 9/CP.11 and Decision 16/CP.17

<sup>2</sup> See <https://unfccc.int/topics/science/events-meetings/research-dialogue>

<sup>3</sup> See <https://www.ipcc.ch/reports/>

<sup>4</sup> See <https://www4.unfccc.int/sites/submissionsstaging/Pages/Home.aspx>. (select: sessions - SBSTA 58 and search "research"). Submissions were received from Parties: European Union, Japan, Samoa on behalf of AOSIS, Saudi Arabia on behalf of the Arab Group, UK and USA.

3. Negative emissions technologies.

## 2. Agenda

7. The meeting will take place on Thursday 8 June 2022 11-13 (CEST) in the WCCB New York plenary. The meeting will involve scientific experts, including those from the IPCC, and other relevant organizations.

Time	Session	Facilitator/presenter
11:00-11:05	<b>Opening</b>	Harry Vreuls, SBSTA Chair
11:05-11:40	<p><b>Transformational Adaptation</b></p> <p>What are the latest research findings and additional research needs regarding:</p> <ul style="list-style-type: none"> <li>• Transformational adaptation vis-à-vis incremental adaptation</li> <li>• The operationalization and assessment of transformational adaptation</li> <li>• Transboundary climate risks and cascading climate impacts</li> </ul> <p>2 short presentations followed by discussion</p>	<p>Facilitator: Binyam Yacob Gebreyes, Ethiopia</p> <p>Experts:</p> <ul style="list-style-type: none"> <li>• Lisa Schipper, IPCC</li> <li>• Katy Harris, SEI</li> </ul>
11:40-12:15	<p><b>Non-CO<sub>2</sub> Greenhouse Gases</b></p> <p>What are the latest research findings and additional research needs regarding:</p> <ul style="list-style-type: none"> <li>• The role of non-CO<sub>2</sub> GHGs in the multiple pathways of limiting warming to 1.5°C and 2°C, net zero GHG emissions and associated policy implications</li> <li>• Co-benefits of limiting non-CO<sub>2</sub> GHGs</li> </ul> <p>1-2 short presentations followed by discussion</p>	<p>Facilitator: TBC</p> <p>Experts:</p> <ul style="list-style-type: none"> <li>• TBC</li> </ul>
12:15-12:50	<p><b>Negative emissions technologies, including carbon dioxide removal (CDR)</b></p> <p>What are the latest research findings and additional research needs at national and regional level regarding:</p> <ul style="list-style-type: none"> <li>• Current application and future potential of negative emissions technologies, barriers, opportunities and support needs</li> <li>• Measuring, monitoring and reporting CDR activities</li> </ul> <p>1-2 short presentations followed by discussion</p>	<p>Facilitator: TBC</p> <p>Experts:</p> <ul style="list-style-type: none"> <li>• TBC</li> </ul>
12:50-13:00	<b>Closing</b>	Harry Vreuls, SBSTA Chair

## III. Next steps

8. Information on the dialogue including a detailed programme will be posted online at <https://www.unfccc.int/event/fifteenth-meeting-of-the-research-dialogue>.

9. I will prepare a short informal summary report of the fifteenth meeting of the research dialogue, which will be made available before the next session of the SBSTA (November-December 2023).