



## Least Developed Countries Group on climate change

### **Submission by Bhutan on behalf of the Least Developed Countries Group on SBSTA Research and Systematic Observation: Views on possible topics and considerations for the meeting of the research dialogue at SBSTA 52**

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The Least Developed Countries Group (LDCs Group) welcomes the opportunity to submit their views on possible topics and considerations for meeting of the research dialogue, to be held in conjunction with SBSTA 52 and beyond.

The Research Dialogue presents an excellent opportunity for scientific inputs on relevant topics especially after the publication of three IPCC Special Reports. In addition, the data from the Coupled Model Inter-Comparison Project phase 6 (CMIP6) has also come out recently. In this context, following themes require special focus;

1. Added value of CMIP6 climate models in enhancing our understanding of climate change and its impacts in countries that historically have weaker information such as LDCs;
2. Synergies between climate action and sustainable development that can assist in developing new and updated NDCs;
3. Co-benefits of shifting to renewables from fossil fuel-based energy, including risks of stranded assets;
4. Impacts of greenhouse gas emissions on the systems with large response times (e.g. ice sheet, glaciers, sea-level rise etc.) beyond 2100 and probable adaptation measures/technologies associated with those impacts, particularly for the vulnerable countries;
5. Update on the rapid technological advancements and falling prices of renewable energies, energy efficient technologies and opportunities for LDCs to adopt climate resilient pathways for sustainable development; and
6. Adaptation technologies for the climate vulnerable hotspots particularly for LDCs and SIDS.