

Item 7.2

Climate Observation Conference

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GCOS Steering Committee (SC-27)

28-31 October 2019



**GLOBAL CLIMATE
OBSERVING SYSTEM**

KEEPING WATCH OVER OUR CLIMATE



WMO



IOC

International
Science Council



1st Climate Observation Conference:

Global Climate Observations: the road to the future held in Amsterdam in 2-4 March 2016

Observation and user community presented and discussed their views of the future of climate observations and, thus, supported the drafting of the 2016 GCOS Implementation Plan.

Proposed 2nd Climate Observation Conference:

- End of 2021 to allow input to the Implementation Plan IP4 in 2022 (tentatively 11-15 October 2021 Darmstadt, Germany)

Purpose:

- Focus on the Earth System Cycles, Carbon, Energy, Water and the Biosphere and thus build on the progress made during and after the 1st Observation Conference in 2015.
- Initiate a process to develop a holistic strategy, including novel methods and technologies, to close the cycles.

Outcome:

- Identify actions to close the gaps in the observations for the earth system cycles.
- Contribute to draft an implementation plan that will be aimed to ensure that these ECV are globally observed, and these observations sustained and openly available.

Draft Decision 7.2 (SC-27)

1. The Steering Committee decides to hold a Second Global Climate Observations Conference in October 2021.
2. The Steering Committee decides to adopt the concept note for the Second Global Climate Observations Conference as in Annex 1.
3. The steering committee asks the secretariat to
 - a. Identify organizations willing to support such a conference;
 - b. Identify a venue;
 - c. Prepare a plan to be presented to the steering committee for the financial, logistical, organizational and scientific aspects of this conference by 1 December 2019.