

DRAFT RESOLUTION A-32/DR.[4.10]

Submitted by Germany

IMPROVING CLIMATE OBSERVATIONS

The Intergovernmental Oceanographic Commission,

1. Recalling:

- (i) IOC Assembly Resolution XVI-8 to undertake the development of a Global Ocean Observing System (GOOS) and participate in the Global Climate Observing System (GCOS),
- (ii) the United Nations Framework Convention on Climate Change (UNFCCC) [Decision 19/CP.22](#) entitled 'Implementation of the Global Observing System for Climate',
- (iii) the conclusions of SBSTA 52–55 ([UNFCCC/SBSTA/2021/3](#) – items 63, 65, 70) that welcomed the [GCOS Status Report 2021](#) (GCOS-240), noted with concern the status of the global climate system, and encouraged Parties and relevant organizations to strengthen support for sustained systematic observations of the climate system for monitoring changes in the atmosphere, ocean, cryosphere and on land,
- (iv) the conclusion of SBSTA 57 ([UNFCCC/SBSTA/2022/L.20](#) – item 7) that welcomed the 2022 GCOS Implementation Plan and the 2022 GCOS Essential Climate Variables (ECVs) Requirements, and encouraged Parties and relevant organizations, as appropriate, to work towards the implementation of the 2022 GCOS Implementation Plan, in accordance with Article 5 of the Convention,

2. Noting that the GOOS 2030 Strategy (GOOS-239) has one of its key delivery areas focused on supporting climate services and decision-making,

3. Having examined the 2022 GCOS Implementation Plan (GCOS-244, GOOS-272) and the 2022 GCOS ECVs Requirements (GCOS-245),

4. Having also examined the IOC Supplement to the GCOS Implementation Plan 2022 (IOC/A-32/4.10.Doc(1)),

5. **Having considered** the parallel WMO Resolution 4.2(9)/1 (Cg-19) 'Improving Climate Observations',
6. **Endorses** the conclusions of the 2022 GCOS Implementation Plan (GCOS-244, GOOS-272) and the 2022 GCOS ECVs Requirements (GCOS-245);
7. **Encourages** Member States to collaborate with national partners with the view to address the full set of actions pertaining to the ocean and relevant above ocean atmospheric variables provided in the 2022 GCOS Implementation Plan (GCOS-244, GOOS-272);
8. **Urges** Member States to take action to address the relevant actions highlighted in document IOC/A-32/4.10.Doc(1);
9. **Requests** the IOC Executive Secretary to facilitate the coordination and implementation of the relevant actions provided in the IOC Supplement to the GCOS Implementation Plan 2022 (IOC/A-32/4.10.Doc(1)).