



Subsidiary Body for Scientific and Technological Advice

Forty-fifth session

Marrakech, 7–14 November 2016

Agenda item 8(a)

Matters relating to science and review

Research and systematic observation

Research and systematic observation

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA) noted with appreciation the statements delivered by representatives of the Global Climate Observing System (GCOS), the United States of America on behalf of the Committee on Earth Observation Satellites (CEOS) and the Coordination Group for Meteorological Satellites, the United Nations Office for Outer Space Affairs, the World Climate Research Programme (WCRP) and the World Meteorological Organization (WMO).¹
2. The SBSTA noted the need for regional workshops, as identified by the GCOS 2016 implementation plan, *The Global Observing System for Climate: Implementation Needs* (hereinafter referred to as the GCOS IP 2016),² and invited the GCOS to organize such workshops, taking into consideration the benefit of organizing these workshops in collaboration with relevant partners.³
3. The SBSTA encouraged Parties and relevant organizations to take advantage of support available via the operating entities of the Financial Mechanism as well as other relevant organizations and channels as appropriate to support the implementation of the GCOS IP 2016. It also encouraged Parties and relevant organizations to strengthen and maintain observation networks and capabilities in all countries, especially in developing countries, including the least developed countries and small island developing States.
4. The SBSTA invited the secretariat of GCOS to report on progress made in the implementation of the GCOS IP 2016 on a regular basis, at subsequent sessions of the SBSTA, as appropriate.

¹ Available at <<http://www.unfccc.int/7528>>.

² Available at <http://unfccc.int/files/science/workstreams/systematic_observation/application/pdf/gcos_ip_10oct2016.pdf> and <<http://gcos.wmo.int>>.

³ FCCC/SBSTA/2015/5, paragraph 25.



5. The SBSTA recalled its conclusions from SBSTA 41,⁴ and encouraged CEOS to submit its comprehensive space agency response to the GCOS IP 2016 at SBSTA 47 (November 2017).
6. The SBSTA welcomed the submissions from WMO: *The Global Climate in 2011–2015*⁵ and the *WMO Greenhouse Gas Bulletin*,⁶ and invited WMO to provide submissions on the state of the global climate on a regular basis, as appropriate, at subsequent sessions of the SBSTA.
7. The SBSTA noted the Earth Information Day that was organized by the secretariat on 8 November 2016, under the guidance of the SBSTA Chair, and also noted that the SBSTA Chair plans to produce a summary report on the event, to be made available before SBSTA 46 (May 2017). The SBSTA invited Parties to submit via the submission portal,⁷ by 25 July 2018, their views on the organization of subsequent Earth Information Days, taking into account progress on the implementation of the GCOS IP 2016.
8. The SBSTA recognized the role of WCRP and the wider research community in developing the new essential climate variables identified in the GCOS IP 2016 with a view to supporting decision-making on adaptation and mitigation.
9. The SBSTA recommended a draft decision on the implementation of the GCOS IP 2016 for consideration and adoption by the Conference of the Parties at its twenty-second session (for the text of the draft decision, see document FCCC/SBSTA/2016/L.26/Add.1).

⁴ FCCC/SBSTA/2014/5, paragraph 40.

⁵ Available at <http://unfccc.int/files/science/workstreams/systematic_observation/application/pdf/wmo_1179_statement2016_5years_web_en.pdf>.

⁶ Available at <http://unfccc.int/files/science/workstreams/systematic_observation/application/pdf/wmo_ghg_doc_num.php.pdf>. A full list of bulletins is available at <<https://www.wmo.int/pages/prog/arep/gaw/ghg/GHGbulletin.html>>.

⁷ <<http://unfccc.int/5900>>.