



World Meteorological Organization (WMO)

Statement to SBSTA 56

WMO is pleased to continue providing scientific information to the negotiation process:

- **State of Global Climate 2021**- The May 18 WMO report on the [State of the Global Climate](#) documents that GHG concentrations, sea level, and ocean heat and acidification all set new records in 2021.
- **Global Annual to Decadal Climate Update**- WMO's 9 May [Global Annual to Decadal Climate Update](#) indicates that there is a 50:50 chance of the annual average global temperature temporarily reaching 1.5 °C above pre-industrial levels for at least one of the next five years – and that likelihood is increasing.
- **Climate science information contributing to NAPs**- WMO launched an initiative in April, in collaboration with the Green Climate Fund, to provide capacity development and hands on support to Parties for incorporating climate science information into climate action investments, plans and policies.
- **Global Basic Observing Network (GBON)** – Implementation of the WMO Global Basic Observing Network (GBON) regulations will significantly strengthen global systematic observing capabilities. WMO monitoring of GBON compliance creates the possibility of setting a global systematic observation target based on internationally agreed metrics. The Systematic Observations Financing Facility can support developing countries in achieving the global target.
- **Systems and Services for Greenhouse Gas Tracking and Mitigation**- On 1 June WMO launched [GHG Emission Observations and Modelling Good Practices](#) to support mitigation in urban areas. The WMO Executive Council will make an initial decision in June on whether and how to move forward with an internationally coordinated, operational GHG monitoring infrastructure.
- **United Nations Secretary-General Early Warning Systems (EWS) initiative** - In March, UN Secretary-General António Guterres tasked WMO to lead an effort to ensure that everyone has access to early warnings within five years. An action plan is being developed for launch at COP27.
- **Water and Climate Coalition**- The WMO-led Water and Climate Coalition supports implementation of the UN SDG6 Global Acceleration Framework. Coalition members collaborate on concrete activities to tackle water and climate challenges. One of the Coalition's major outputs is the Global Water Information System for monitoring and predicting global hydrological conditions for a climate ready world.