

WCRP Statement for SBSTA 45, November 2016

The World Climate Research Programme, on behalf of thousands of dedicated researchers worldwide, welcomes this opportunity to address and contribute to SBSTA 45. We see our continuing role as providing the best and freshest information possible on the current and future climate of our planet. We note with appreciation the clear statement by the Intergovernmental Panel on Climate Change that their "Fifth Assessment Report (AR5) relies heavily on the Coupled Model Intercomparison Project, Phase 5 (CMIP5), a collaborative climate modelling process coordinated by the World Climate Research Programme (WCRP)."

The WCRP community works diligently to understand the climate factors of 2016, to quantify exchanges of heat, carbon and water among land, ocean, atmosphere and ice, and – through the 6th phase of CMIP now underway at climate centres around the world – to produce advanced climate predictions that will stimulate global research and provide the basis for IPCC's Sixth Assessment Report. WCRP adheres to a free and open access policy for all of its data sets and model products. Scientists from the WCRP community contribute time and information to community-based indicators of the climate system: the annual global carbon budget, a new global methane budget, an earth energy budget in development and a nascent global sea level budget.

WCRP's combination of skilfully-assembled data sets, careful and creative analyses, and advanced global and regional model products, produced and shared with a sense of urgency and possibility by the international climate research community, represents one of our planet's most valuable climate resources.