

## Call for Nominations:

The Global Climate Observing System (GCOS), the World Climate Research Programme (WCRP) and the Global Ocean Observing System (GOOS), are looking for scientists to serve on the three Science panels:

- GCOS-WCRP Atmospheric Observation Panel for Climate (AOPC);
- GCOS-GOOS-WCRP Ocean Observation Panel for Climate (OOPC);
- GCOS-WCRP Terrestrial Observation Panel for Climate (TOPC).

### Panel members are tasked with:

- Specifying and reviewing requirements for sustained climate observations;
- Maintaining and periodically reviewing the list of GCOS Essential Climate Variables (ECV);
- Reviewing the current state and identify gaps and inadequacies of the global observing system;
- Helping in promoting the establishment of sustainable observation networks and the use of best practices.

Working on strategies for developing and improving the sustained observing system, including harnessing new technologies Each panel meets once a year and interacts through the year to provide the needed advice and support. Financial support to attend Panel meetings is provided. Members are initially appointed for a 3 year term, with a possibility of extension by another 2 years. The next Panel meetings are currently scheduled to be:

- AOPC – 27-30 March, 2017 – Exeter, UKMO, UK;
- OOPC – 14-17 March, 2017 – WHOI, Cape Cod, USA;
- TOPC – 6-7 April, 2017 – University Vienna, Austria.

### The Panel member selection will be performed on the basis of:

- Technical expertise and experience: applicants should be internationally recognized experts in their respective fields;
- Knowledge of climate science, adaptation, mitigation and/or policy development. Applicants should be from the scientific and operational communities engaged in climate monitoring, climate research, climate modelling and climate applications;
- The applicant should complement existing expertise on the Panel;
- The need to improve the gender and geographical balance of Panel membership.

**If you are interested please send your CV and a brief statement of interest indicating the panel of interest to [gcos@wmo.int](mailto:gcos@wmo.int) before 15 December 2016.**

**Background :** GCOS has been recognized by the UNFCCC since 1997 as the programme leading the improvement of systematic observations to meet the needs of the convention (e.g. Decisions 8/CP.3, 14/CP.4, 9/CP.15). (See also [unfccc.int/3581](http://unfccc.int/3581)).

GCOS supports an internationally coordinated network of observing systems. It is designed to meet evolving requirements for climate observations, which are fundamental to detect, model and assess climate change, support adaptation to climate change, monitor the effectiveness of policies for mitigating climate change, develop climate information services, promote sustainable national economic development and meet other requirements of the UNFCCC and other conventions and agreements. GCOS addresses the total climate system including physical, chemical and biological properties, and atmospheric, oceanic, terrestrial, hydrological, and cryospheric components. In 2015, GCOS produced a report *Status of the Global Observing System for Climate (GCOS-195)* and has submitted a new plan *The Global Observing System for Climate: Implementation Needs (GCOS-200)* to the UNFCCC for COP22. GCOS is now looking forward to implementing this plan.

The three science Panels were established to define observations needed in each of the three main global domains-atmosphere, oceans and land: to prepare and to make recommendations for improvements. The Panels' expertise is essential for assessing the capabilities, gaps and deficiencies of current climate-observing systems. Their work and discussions contribute directly to the regular reports to the UNFCCC about the status of global climate-observing capacities.

WCRP's mission is to facilitate the analysis and prediction of Earth system variability and change for use in an increasing range of practical applications of direct relevance, benefit and value to society. The two overarching objectives of the WCRP are to determine the predictability of climate and to determine the effect of human activities on climate.

For more information on GCOS, WCRP and GOOS, please refer to their respective websites: <http://gcos.wmo.int>, <https://www.wcrp-climate.org>, and <http://www.ioc-goos.org>.