

GCOS-UNFCCC-WMO

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WORLD
METEOROLOGICAL
ORGANIZATION

UNFCCC



Article 5 (Research and Systematic Observation):

- (a) Support and further develop, as appropriate, international and intergovernmental programmes and networks or organizations aimed at defining, conducting, assessing and **financing research, data collection and systematic observation**, taking into account the need to minimize duplication of effort;
- **Article 9- Subsidiary Body on Scientific and Technological Advice (SBSTA)**

Paris Agreement

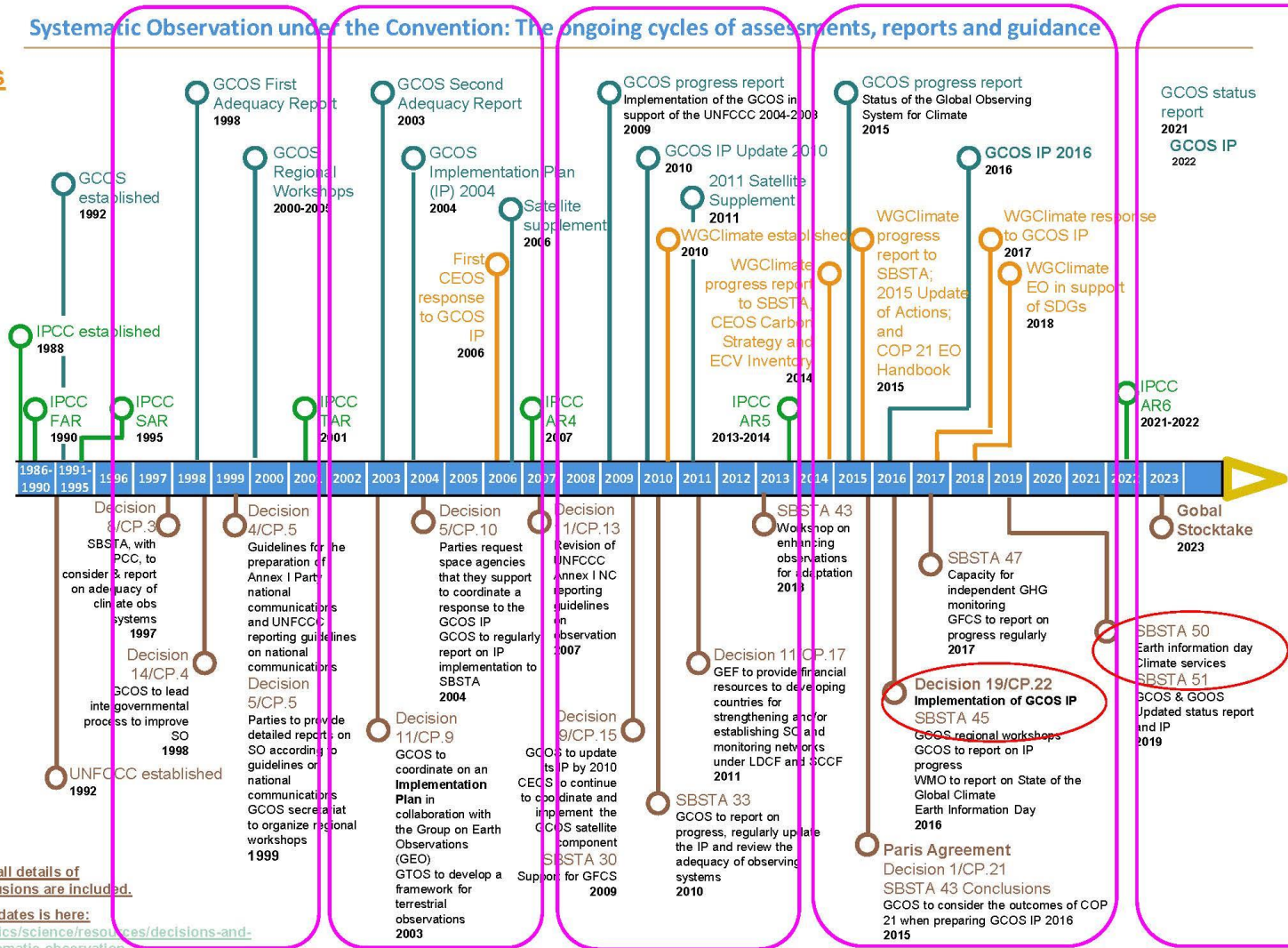
Article 7, sub-article 7 (c):

(c) **Strengthening scientific knowledge on climate, including research, systematic observation of the climate system and early warning systems**, in a manner that informs climate services and supports decision-making;

- Adaptation and mitigation activities should be based on and guided by **the best available science**

Systematic Observation under the Convention: The ongoing cycles of assessments, reports and guidance

GCOS, CEOS and IPCC activities



UNFCCC guidance

Please note that not all details of decisions and conclusions are included.

The FULL list of mandates is here:

<https://unfccc.int/topics/science/resources/decisions-and-conclusions-on-systematic-observation>



WMO OMM

Strategic opportunities

- WMO Climate Policy Advisors
- Statements at the SBSTA Opening Plenary
- SBSTA conclusions in the RSO document
- COP Decisions
- Mandated Events
 - Earth Info. Day
 - Research Dialogue
 - Ocean Dialogue
- Programs and Funds
 - NWP, SOFF, GFCS, EW4All, ...
- Periodic reports and submissions by Parties
 - National Communications
 - GST
 - NDCs
 - NAPs
 - BTRs
 - Provision of Scientific Advice- e.g. data requirements for adaptation, indicators, 1.5°C, ...

