

# Future AOPC commitments



**GLOBAL CLIMATE  
OBSERVING SYSTEM**

KEEPING WATCH OVER OUR CLIMATE



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- Review of comments of Status Report – End of May 2021
- Finalize ECV requirements – End of June 2021
- Implementation Plan –
  - Identify and prepare actions for IP May- December 2021
  - Address comments from public review – April 2022
- GCOS/WCRP Climate Observation Conference:
  - Submission of abstracts by 14<sup>th</sup> June
  - Participate to conference: 30 August-3 September

**May-June 2021:** 1<sup>st</sup> and 3<sup>rd</sup> Monday from 15:00-17:00 (Implementation Plan) – likely subgroups

**August 31<sup>st</sup>-3<sup>rd</sup> September 2021:** 2/3 hrs a day (GCOS Climate observation Conference)

**September-November 2021:** 2 hrs meeting with small groups to finalize actions for IP

**30<sup>th</sup> November-1<sup>st</sup> and 2<sup>nd</sup> December 2021:** AOPC Panel meeting

**April 2022:** tentatively physical meeting (Maynooth?)

## THEMES

- 1. How do climate observations support climate policies globally?** For example, this may include examples of how observations are used for adaptation and how well climate data records support adaptation and mitigation.
  - 2. How well do current Climate Observations support the understanding of climate change and variability?** Papers can consider how current climate data records limit our understanding of the climate cycles and how and where does available data limit modelling capacity and reanalysis (e.g. what additional information might CMIP-7 models need)? Issues about accuracy and consistency may also be addressed.
  - 3. Networks and systems – what improvements are needed to better meet user needs?** For example, topics may include new and developing technologies and approaches to observations, increasing coverage, temporal and spatial resolution and latency as well as the challenges and benefits in integrating networks. Approaches to improving the observing system such as targeted field campaigns may also be included here.
- **Data processing, archiving and Stewardship.** Includes, but is not limited to, issues such as the values and challenges of free and open data; the data stewardship required; and the Implications of the use of commercial data. Papers may also address new approaches such as cloud computing, big data, machine learning, new methods to make better use of data and integrate multiple observations into a climate data record.

# Thank you



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