Cross Panel Group "Data management: Climate Data Centres"
Session 1: Tuesday 27 June – 11:00-13:00
Session 2: Thursday 29 June – 09:00-10:30

Lead(s): Imke Durre (AOPC) + 1 (OOPC) + 1 (TOPC)
Secretariat Support: Tim Oakley (GCOS) and David Berry (WMO, remote)

Background

Address GCOS IP Action D1: Define governance and requirements for Global Climate Data Centres including draft requirements for the activities of Global Climate Data Centres and identify the relevant internationally agreed standards.

Background Material:
- Example principles of data management (WMO & CoreTrustSeal) and draft survey questions

Importance of cross panel work

Data management is relevant and a fundamental component of all three panels. There are numerous data centres referenced from all ECVs across the 3 domains. To define governance, standards and requirements which is consistent across all domains we need to engage, and collaborate, with experts from all ECVs.

Expected Outcomes

In Bonn:

1. Agreed list of principles and survey questions.

2. Workplan/timeline to survey climate data centres, assess replies amd develop any new requirements & standards.

Longer term (tentative – to be discussed in Bonn): Prepare a GCOS document defining requirements and standards for climate data and metadata

Running of the session

10-15 panel members, including the leaders working collaboratively to review the principles. They discussion will consider: (1) Are the current principles adequate for GCOS? (2) Survey to climate data centres to assess whether these principles are being addressed (3) Is it possible to have one single standard across all domains? (4) What is missing and needs to be addressed?

Prepare report back to plenary (2 slides) showing the results of the discussion against the expected outcomes, and the commitments from the panels, with actions along a timeline and assigned responsibilities.