



# Rapid Evaluation Framework

# **Session 2: How to get involved in the AR7 FT REF**

# Getting started with benchmarking and evaluation tools

- CMIP International Project Office has started to collect and host information about **open-source data analysis tools** on their website
- For each tool, the following **information** is available:
  - tool category;
  - tool description;
  - types of available community support;
  - tool website link;
  - link to tool documentation;
  - links to tool tutorials which may be useful; and
  - links to access any available community support.

The image shows a screenshot of the CMIP website's tool catalog. At the top, there are cards for various tools: RUBISCO, ESMValTool, and bgcval2. Below this, a larger card for the Python tool is expanded, showing its details. The Python card includes sections for Category (Data access platform), Description (Climate Data Store (CDS) provides a single point of access to a wide range of quality-assured climate datasets distributed in the cloud. CDS datasets include CMIP ...), Community Support (Forums, GitHub/GitLab, Other (specify below)), and a 'View larger version' button. To the right of the Python card, there are cards for other tools: Iris, pandas, matplotlib, ESGF, PANGEO, Climate Data Store (CDS), and Julia. The Julia card also includes a QR code with the text 'CMIP'.

<https://wcrp-cmip.org/tools/model-benchmarking-and-evaluation-tools/>

# Getting involved

- Modelling centres
- ESGF Tier1 nodes
- Nodes not yet in ESGF
- Observations providers
- Model Evaluation package developers
- Scientific users
- Downstream non-climate scientific users

# Q&A

# Thank You



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<https://bit.ly/CMIP-event-feedback>

<https://wcrp-cmip.org/get-involved>