

CMIP Community Home

Welcome to NCI's CMIP Community Page

This is the homepage for information and updates relating to the Coupled Model Intercomparison Project (CMIP) data and activities at NCI for use by the Australian climate science community.

[CMIP Community Home#Acknowledgements](#)



Announcements

✔ Tentative IPCC AR6 WG1 Schedule for 2020-21 released 11 June 2020

16 Jun 2020 The IPCC have released a revised tentative schedule for AR6 WG1 in response to the impacts of the COVID-19 pandemic. See AR6 Timelines (below) or the [IPCC AR6 WG1](#) for more information.

✔ Australian CMIP6 data is now published on ESGF node

06 Feb 2020 NCI has published the Australian CMIP6 data to the NCI ESGF node: esgf.nci.org.au. NCI users can access the data in project space fs38 - request membership through my.nci.org.au/mancini/.

✔ Retraction of CMIP6 data at NCI

To keep up to date on downloaded data affected by logged errata, watch the [CMIP6 Dataset Errata](#) page.

31 Jan 2020 CMIP6 Data download

CMIP6 data replication to NCI under project oi10 continues - request membership through my.nci.org.au/mancini/.

CMIP6 at NCI

The [NCI ESGF portal](#) provides access to the CMIP6 model output available at NCI. This data includes the Australian produced datasets as well as priority replicated datasets from international modelling centres. This data will continue to be updated as data becomes available throughout 2020.

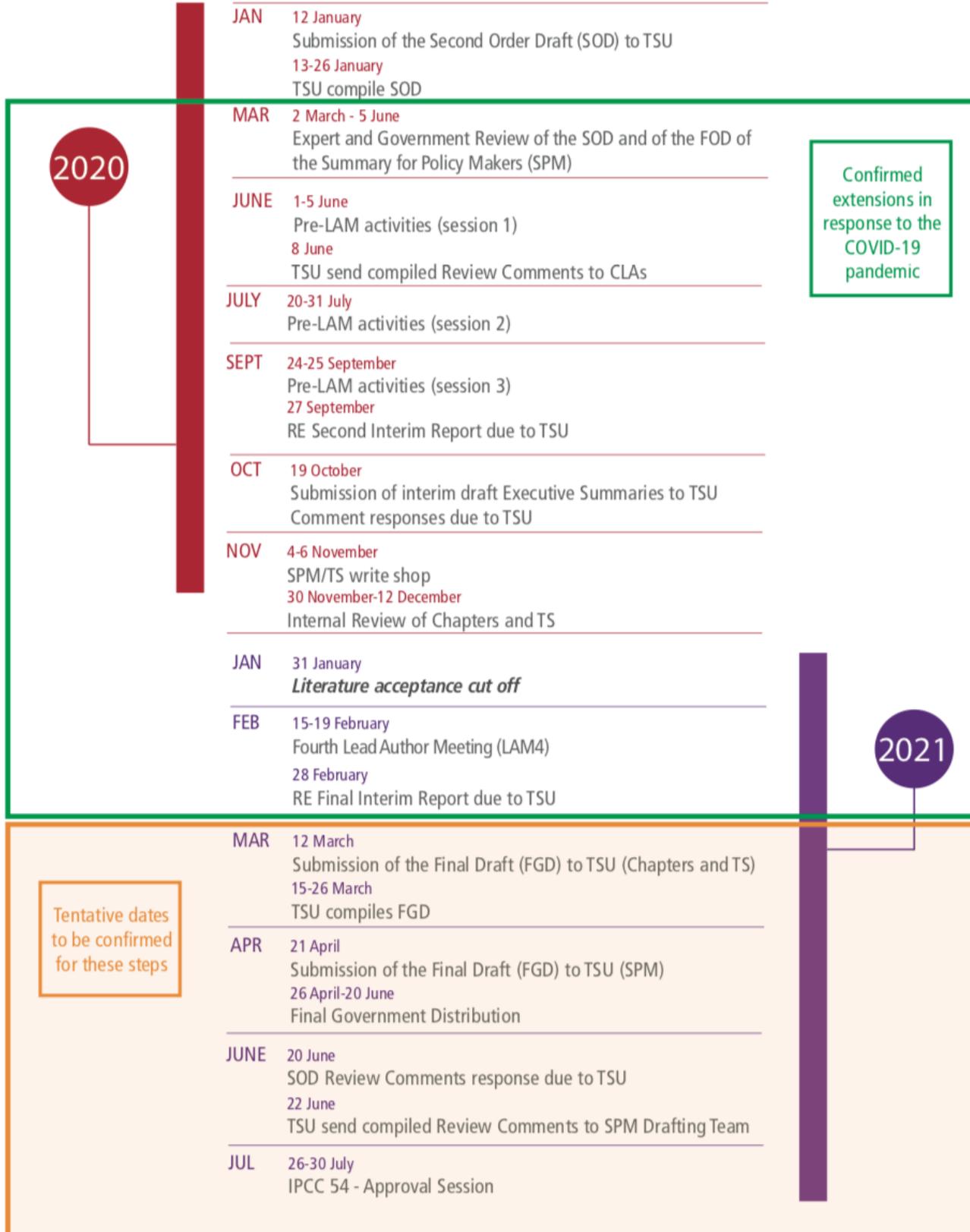
NCI has established high-capacity links with other Earth System Grid Federation ([ESGF](#)) primary nodes in the US, UK and Europe and serves as a Tier 1 node in the Australia and Oceania region, with responsibility for hosting authoritative copies of high use replica data. For researchers with access to NCI, a large collection of data will be available with thorough version control and data management as stipulated by the standard procedures set out by the ESGF.

Users can use the [NCI ESGF portal](#) to search the availability of data at international centres. Please see [Data Access Information](#) and [Data Download Request](#) for information on how to access data or request additional datasets for replication at NCI.

AR6 Timelines

Jan 31 2021: Literature Acceptance Cut-off Date (updated 11 June 2020)

TENTATIVE IPCC AR6 WGI SCHEDULE FOR 2020-2021 (11 June 2020)



Confirmed extensions in response to the COVID-19 pandemic

2020

2021

Tentative dates to be confirmed for these steps

For the full timeline see the image source: <https://wg1.ipcc.ch/ar6> and the [IPCC website](#) provides additional information about the other AR6 working groups.

Key References

See below for direct links to the most frequently used resources.

1. [Data Access Information](#)
2. [Data Download Request](#)
3. [Training](#)

Acknowledgements:

The availability of CMIP6 data, services and user support has been made possible through the [Climate Science Data-enhanced Virtual Laboratory project](#) which is a collaboration involving [NCI](#), [CSIRO](#), the [Bureau of Meteorology](#), the [ARC Centre for Climate Extremes](#) and co-funded by the [Australian Research Data Commons \(ARDC\)](#). It builds on previous Australian e-infrastructure programs, the Climate & Weather Science Lab, and the National Earth Systems Data Collection and Data Services programs. It also supports NCI's leading role in international collaborations, most notably the [Earth System Grid Federation \(ESGF\)](#) that provides the international federated capability for CMIP data. The value of this work required funding from the participants and various parties including other NCRIS funding programs ANDS, RDS, and NeCTAR (now ARDC) NCRIS programs. This infrastructure directly contributes to outcomes achieved through other major investments from government-funded research including CAWCR (Collaboration for Australian Weather and Climate Research), NESP (National Environmental Science Program) and the ARC CoE for Climate System Science (ARCCSS) and ARC CoE for Climate Extremes (CLEX).

