

Data long-term archival in the IPCC DDC and DDC Support

ipcc-data.org

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DDC Support Group DDC Virtual Workspace

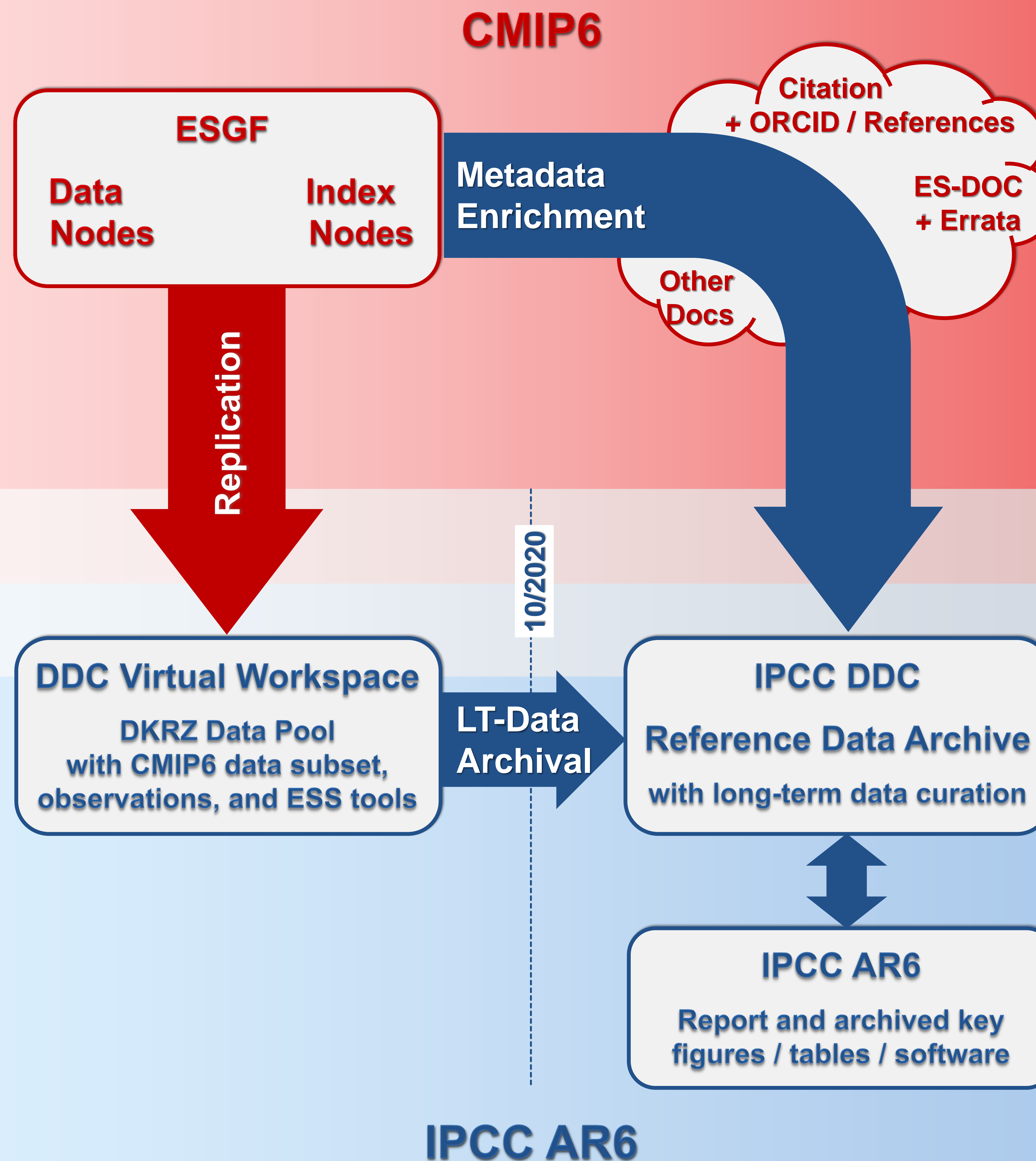
Experience of CMIP5 / AR5 and IPCC's review of the IPCC Data Distribution Centre (DDC) led to the establishment of the DDC Support Group in 09/2017. DDC Support is a collaboration between the DDC and the IPCC Working Group TSUs (Technical Support Units) to improve the data exchange and archival for the 6th Assessment Cycle (AR6) in a transparent and traceable way.

Virtual Workspaces with key data are provided at DKRZ and CEDA as collaboration platforms for IPCC authors in further support of the IPCC AR6 process.

Another task for the DDC Support Group is the facilitation of cross-WG data exchange. E.g. the WGI Atlas will become a central element in the AR6 requiring data sharing between the WGs as well as integration and harmonization of different types of information / data.

More Information:

https://cedadev.github.io/ipcc_ddc/
https://redmine.dkrz.de/projects/dkrz_cdp/wiki



IPCC Data Distribution Centre AR6 Reference Data Archive

At the submission deadline 10/2020 for the AR6, the CMIP6 data subset out of DKRZ's Data Pool will be transferred from ESGF data nodes into the long-term archive of the IPCC DDC for data curation and reuse. Metadata is enriched by ancillary metadata such as ES-DOC and Data Citation using document URLs published in the ESGF index to identify related documents.

The IPCC DDC AR6 Reference Data Archive for climate model output facilitates long-term reuse and traceability of data underlying AR6.

In addition to data curation at the time of data archival, a long-term curation in terms of errata annotation and paper references is planned. These rely on machine-actionable APIs, such as the Scholix API for adding references to papers based on CMIP6 data.

More Information:

<http://ipcc-data.org>
<http://cmip6cite.wdc-climate.de>
<http://www.scholix.org>



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