

Data Citation Service for CMIP6

M. Stockhause and K. Berger
German Climate Computing Center (DKRZ)

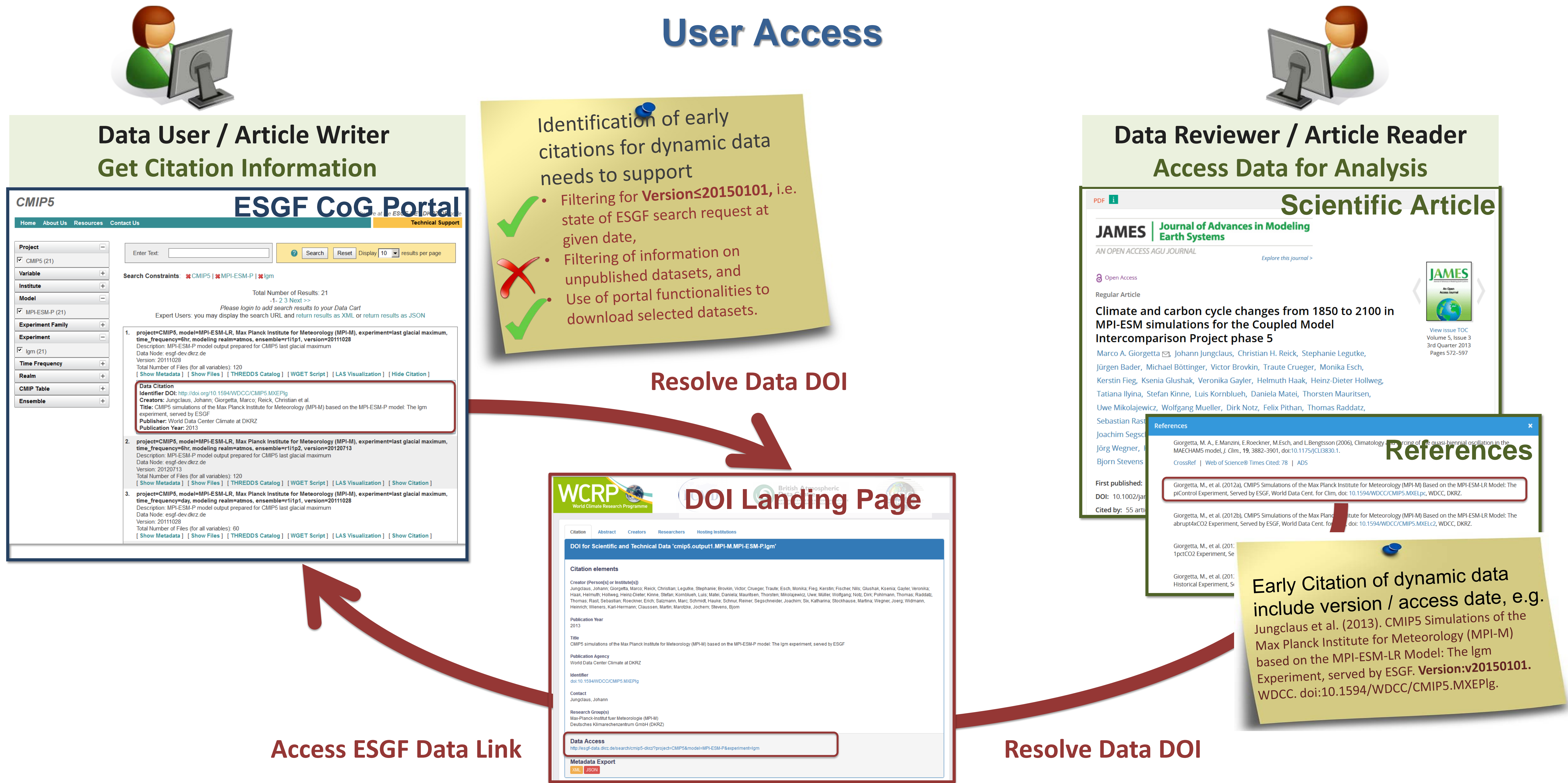
Concept:

The data citation service for CMIP6 consists of early citations for the evolving CMIP6 data in the ESGF in addition to the established citation of the long-term archived IPCC DDC (Data Distribution Centre) data using DataCite DOIs.
A new data citation service is developed at DKRZ to meet this requirement.

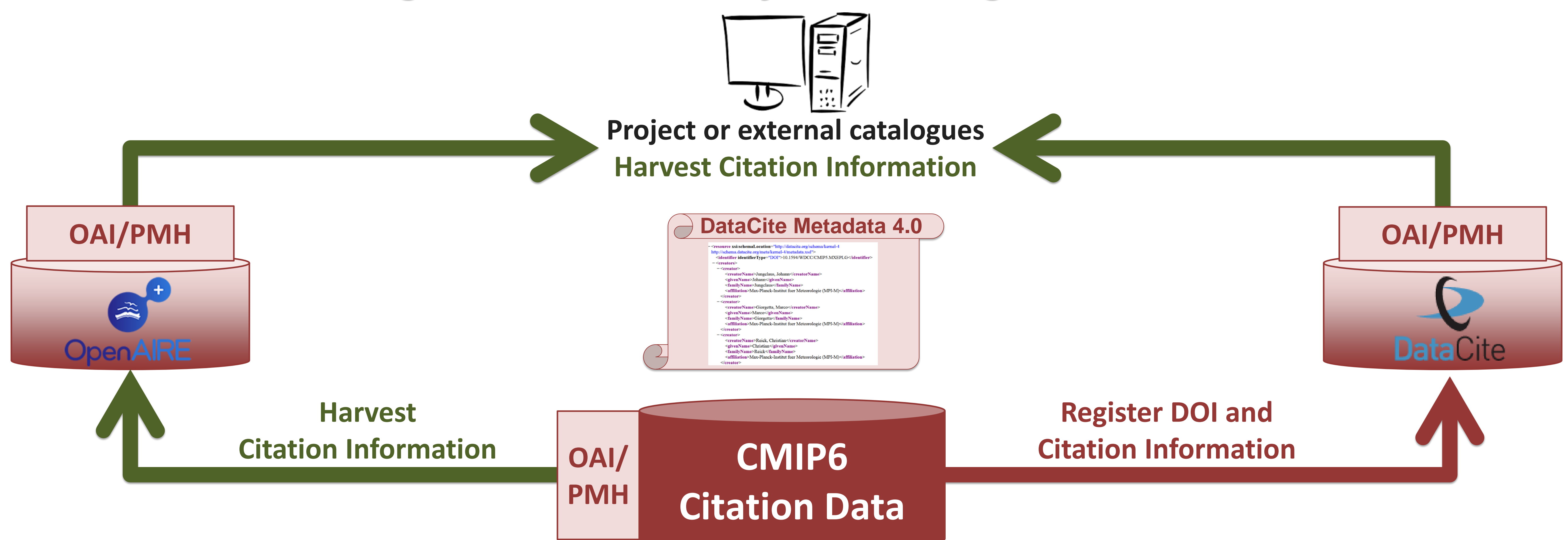
ESGF Aspects:

The data citation service is critically dependent on version support within the ESGF incl. preserving metadata of all dataset versions. The integration of the service needs adaptations in the CoG portal and Search API for:

- displaying the "Show Citation" link and
- filtering of search results by version date.



Integration in Scholarly Publishing - SCHOLIX



- **Why?** The Data Citation Service provides an additional ESGF user service reachable from ESGF CoG portal.
- **When?** The timeline of the Data Citation Service is connected with the CMIP6 timeline.
- **Perspective?** The Data Citation Service is funded by DKRZ and will be integrated in DKRZ's service infrastructure.

Concept:
M. Stockhause, F. Toussaint, M. Lautenschlager (2015): CMIP6 Data Citation and LTA. WIP white paper.
<http://www.earthsystemcog.org/projects/wip/resources>.
Living Document on Specifications: <http://bit.ly/1XsVOoz>.



stockhause@dkrz.de
orcid.org/0000-0001-6636-4972
cmip6cite.wdc-climate.de
www.wdc-climate.de / www.dkrz.de



DKRZ
DEUTSCHES
KLIMARECHENZENTRUM