DiGiTAL TOTAL

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World Data Center for Climate (WDCC) - Improvement of FAIRness of an established repository

The World Data Center for Climate (WDCC), hosted by DKRZ, provides access to and offers long-term archiving for datasets relevant for Earth System research in a highly standardized manner. Its services are aimed at researchers who produce data and those who re-use published data for new research.

To meet user's needs it is essential to ensure high quality of data, i.e. guaranteeing that datasets are really Findable, Accessible, Interoperable, and Reusable (FAIR). FAIRness at WDCC has been systematically assessed and developments aim at further improvements, including publishing data as citable entities (assigning DOIs to dataset collections and now PIDs to individual datasets), implementing the schema.org standard (machine-actionable metadata), and continually enhancing the quality of metadata (e.g. including funder information).

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Keywords

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Autor: HERTWIG, Eileen (DKRZ)

Co-Autoren: LAMMERT, Andrea (DKRZ); HÖCK, Heinke (DKRZ); FAST, Andrej (DKRZ); THIEMANN, Hannes (DKRZ)