



Quality control workflow through the data management lifecycle for exascale analytics

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The Copernicus program is the European Commission's Earth Observation Program. The research project "Climate Information Portal for Copernicus" (CLIPC) will develop a data service infrastructure to provide harmonised access to climate information from in-situ and satellite observations and also from climate models and re-analyses. CLIPC will also provide a toolkit to generate, compare, aggregate and rank indicators of climate change and climate change impacts. The project will build on the Earth System Grid Infrastructure used to disseminate the Coupled Model Intercomparison, Phase 5 (CMIP5) data used in the latest IPCC assessment report. The distributed archive model will be extended to support more data types and a wider variety of storage formats. The toolkit work will build on the set of aggregated climate impact indicators developed in the ESPON Climate project.