

Project: **1349**

Project title: **EUREC4A-MIP**

Principal investigator: **Hauke Schulz**

Report period: **2022-11-01 to 2023-10-31**

Maximum of 2 pages including figures. 9 pt minimum font size.

The EUREC4A model inter-comparison project EUREC4A-MIP has gained momentum over the report period with additional international partner joining the effort.

The resources of this project are currently used to serve several setup files to the community including initial conditions and boundary conditions for several simulation experiments including future warming experiments. First experiments are spun-up and the output is expected to be hosted on the DRKZ-SWIFT storage soon.

As outlined in the application, this project focuses on hosting simulation output from the inter-comparison project in the cloud native zarr format to make access and analysis of these simulations easier and more broadly available. The access to the output and the setup files is therefor also explained in the continuously updated [howto.eurec4a.eu](https://howto.eurec4a.eu/eurec4a_mip.html) book, specifically at https://howto.eurec4a.eu/eurec4a_mip.html, along with the observations gathered during the EUREC4A campaign.

We anticipate the upload of several simulations to the DKRZ SWIFT storage over the course of the next year.