

Project: **1237**

Project title: **Composing a joint D-A-CH climate scenario ensemble**

Principal investigator: **Nora Leps**

Report period: **2021-11-01 to 2022-10-31**

Text: Maximum of two pages including figures. Reports for joint projects may be longer.

Due to (1) personnel resource shortages and (2) the non-availability of dynamically downscaled CMIP6-projections the planned experiments have only recently begun (experiment no. 1, note the recently added users in September/October). The activities, so far, covered the configuration of the local integrated development environment for the use with LEVANTE and the adaption of existing software for the use in the HPC environment. The latter is still ongoing, and the current schedule suggests that we will soon be able to deploy the first model calculations for experiment no. 1. Progress for experiment no. 2 is currently inhibited by legal clarifications about the model usage, which will hopefully be sorted out soon. Afterward, implementation/adaption of existing software for the HPC environment and model execution can be tackled.