Working Plan (Period: 02.05.2019 – 30.11.2019)

1. Review of relevant scientific literature.
2. Identification of available (and suitable) seasonal forecast products.
3. Compilation of CCLM in the LIST HPC.
4. Definition of the regional domain (and nesting steps) for numerical experiments.
5. Creation of a reference dataset (i.e., observations and/or reanalysis products).
6. Identification of performance metrics for evaluation of model runs.
7. Identification of “optimal” physical and numerical settings for the regional downscaling (in collaboration with DWD and KIT).
8. Evaluation of performance skills of original and downscaled seasonal forecasts for summer 2018.

**Milestones:**

M1 (31.05.2019): Summary of key aspects of the scientific literature review and presentation of specific features (e.g., available variables, lead time, etc.) of identified seasonal forecast products.

M2 (30.06.2019): Pre-processing workflow to extract and resize to the target domains (EU-CORDEX and GR) ECMWF ensemble seasonal forecast products. Obtained dataset should be made available through the git repository using LFS functionalities.