Historical observations
- daily mean estimation
- quality control
- homogenization

Reference observations
- quality control/gap filling
- homogenization
- detrending
- climate offset (before 1864)

Weather types

Calculation of analogue days

Temperature grids 1961 - 2020
- detrending
- climate offset

Resampling

**Precipitation grids
1961 - 2020**

Cross-validation

Cross-validation

Ensemble Kalman fitting
Assimilation of temperature
measurements

Quantile mapping
Calibration between gridded refe-
rence data and analog resampling

**Temperature reconstruction
1763 - 2020**

**Precipitation reconstruction
1763 - 2020**