

Collecting

Download simulation files from the ESGF

Apply calendar adjustment
(PaleoCalAdjust v1.0)

Adjusted monthly
mean variables

Unadjusted monthly
mean variables

Post-processing

CVDP -- Compute time spatial patterns, standard deviation and trend maps, climatological fields, power spectra and time series of climate variabilities.

CVDP outputs (annual/JJA/DJF tas and pr) are stored in "data_netcdf" directory within the "pmip_p2fvar_analyzer" repository on Github.

Computing

Compute from simulations:

- Bias
- Anomaly
- Inter-annual variability

Calculate multi-model
mean bias, change
and variation

Compare with
reconstructions

Plotting

- NCL scripts are stored in "ncl_scripts" directory.
- Python scripts are stored in "notebooks" directory.

Plot as spatial maps, scatter plots or line plots according to specific requirements.