

## **Extreme Rainfall and Drought Event in China**

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Observations of the GHCN-D dataset as well as ERA40 reanalysis data are analysed with respect to extreme weather events in China. A peak over threshold (POT) approach is applied to observations of precipitation. An outcome of this is the spatial distribution of extreme rainfall and drought over China. Special attention is drawn on the catchment areas of the Hai River Basin and the Poyang Lake Basin. Moreover the quantiles of the observations are projected on the reanalysis data by using censored quantile regression (CQR). More insight about the teleconnections of extreme events is gained.