

## Interested in precipitation for a catchment or a point?

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Precipitation is the driving force for hydrological models, and it is common to interpolate precipitation from point observations.

Especially for ungauged basins also catchments nearby (areal observations) have valuable information. In this study we consider annual precipitation predictions for both a catchment (areal predictions) and for points within the catchment. Through simulation studies we compare different designs of available point and area observations, and evaluate these for the catchment and the points.

We conclude that the ranking of observation network designs can be different depending on our interest is in point predictions for precipitation or area predictions for a catchment.