

## **Precipitation and evaporation in Poland - projections for 2021-2050**

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The projections of precipitation with division into large scale and convective part and evaporation are made basing on the ensemble of seven different regional climate models and A1B emission scenario available at the ENSEMBLES project's webpage. The statistical bias correction method was applied to model simulations in the reference period 1971-2000 with the initial assumption that both observed and simulated intensity distributions are well approximated by the gamma distribution. The statistical bias correction is applied to each simulation independently and then the ensemble mean is calculated. The range between projections obtained from different models is used for assessing the significance of projections.