River Basin / River Basin (according EU-WFD)

- Mean precipitation, temperature and others

3. 1. Good opportunity to analyse the influence of the soil structure on the vertical and lateral soil water fluxes and on the runoff processes.

Result summary

- Based on studies at different scales, runoff processes in the catchment “Bohläse” (Sauerland, Germany) were analysed during several rainfall-runoff-events. Using hydrological tracers and hydrometric methods, the influence of periglacial cover beds was determined for runoff at the catchment scale and for soil water flux at the point scale.

- The results confirm the importance of periglacial cover beds for runoff processes in low mountain regions and represent an experimental basis for hydrological regionalisation depending on the spatial distribution of periglacial cover beds.

Key references for the basin


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