

# Hydrochemical Interactions of Lowland Rivers - Wakenitz

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## Objective

The objective of the study is to quantify the input of groundwater to the Wakenitz river. You have got data of isotopic composition of the lake Wakenitz, of rainfall and of wells in the study area.

## Data

- Data for the Isotope river
  - Rainfall data
- Data for wells (groundwater)

## Methods

The quantification takes place using the EMMA model approach.

$$Q_r \cdot c_r = Q_{\text{rain}} \cdot c_{\text{rain}} + Q_{\text{wells}} \cdot c_{\text{wells}}$$

From:

<https://www.hydro-wiki.de/> -

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