



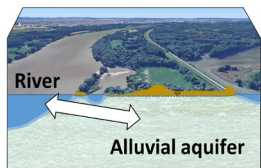
Projects in Groundwater Ecology

Christian Griebler – Division Limnology



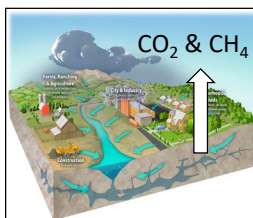
Gut microbial biodiversity in groundwater fauna

Comparative analysis of microbial communities in the gut of different groundwater invertebrates. The project includes a literature survey, sampling of fauna, preparatory and molecular lab work, bioinformatics analysis of sequencing data, and report writing.



Surface water/groundwater gradients

Biogeochemical analysis along a surface water/groundwater gradient. How do communities of groundwater fauna and microbes, as well as water chemistry change with distance to the surface? Includes a literature survey, lab work, and report writing.



Green House Gases in groundwaters

Small field campaign to evaluate the concentration of CO₂ and CH₄ in groundwaters. Includes a literature survey, analytical lab work on groundwater samples, statistics and data analysis, and report writing.

Groundwater food web

Analysis of food web interactions in groundwater habitats. The project contains a literature survey, sampling of fauna, preparatory and stable isotope measurements, data analysis, and report writing.

