



# Project topics in Groundwater Ecology

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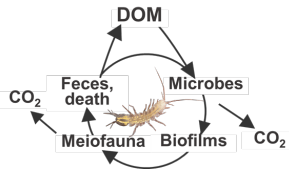


## Groundwater fauna ecotoxicity

Exploration of sensitivity and toxicological effects of selected contaminants and heat to individual groups of groundwater fauna

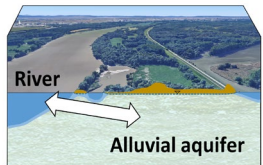
## Groundwater food web analysis

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.



## 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.