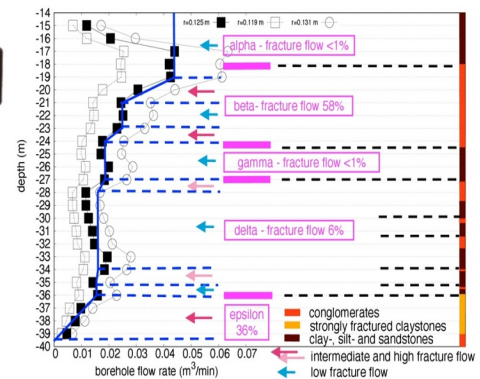


# Active Distributed Thermal Sampling of Groundwater Temperatures based on Fibre Optical Methods

## About

To advance new methods and experiments for aquifer characterization, the Applied Geology Group is developing the test site Rock Garden next to our institute building. In this regard, the Group is offering several topics for BSC and MSC theses. In the scope of this announcement we are specifically looking for a master candidate which is interested in the development of new experimental methods.



This includes laboratory and field experiments on flow and heat transport using the ADTS System. The MSC topic offers the chance to become part in a fascinating science project, where new measurement techniques of hydraulic and thermal subsurface processes are developed.

## Tasks

- Subsurface Hydraulic and Thermal Field and Laboratory Experiments
- Analysis and Interpretation of Subsurface Thermal Processes

## Requirements

- good technical skills
- basic mathematical skills
- enthusiasm for scientific work

## Supervisors

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