



University of Stuttgart
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Student Assistant

Institute for Modelling Hydraulic and Environmental Systems (IWS)

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Remediation (VEGAS)

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Job_Offer_Student_Assistant_EiCLaR
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Support for experimental investigation of in-situ bioremediation technologies

The work will be part of the EU project EiCLaR. The aim of the project is the advancement of scientific as well as technical innovations in the field of in-situ bioremediation for soil and groundwater. Within the project, three flow-through experiments at medium and large scale focusing on electron-nano-bioremediation, bioaugmentation and microbial fuel cells were set up.

In order to maintain the successful operation of the experiments, we are looking for a highly motivated person with a great attention to detail. The person is desired to be able to work independently, as well as responsibly and proactive. First practical experiences in a laboratory or a technical environment are advantageous.

Main tasks:

- Performance of weekly sampling campaigns of physico-chemical and biological parameters according to the sampling plan.
- Monitor the operation of the experiments by executing periodical check-ups.
- Modify the experimental setup as required, in close collaboration with the project team and our workshop.
- Evaluate collected data according to defined research questions.
- Report weekly updates to the project team.

The experiments are conducted in the VEGAS facility. An interdisciplinary, open-minded team will actively support the work. The option to combine the work with a thesis is given.

Start Date: 15.06.2024

Monthly Working Hours: 40 hours

Contact:

- Kathrin Leicht, M.Sc. (kathrin.leicht@iws.uni-stuttgart.de), VEGAS
- Dr. Tobias Junginger (tobias.junginger@iws.uni-stuttgart.de), VEGAS

