SUPER – Stuttgart University Program for Experiencing Research

Project Information

Institute’s Information

Name of Institute: IWS/VEGAS – Research Facility for Subsurface Remediation

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Duration of Project/Number of Students

June/July

June/July/August: 2

Number of Students

Name of Project

Aquifer Remediation using Nanoparticles

Investigation of Performance of Borehole Heat Exchangers

Beneficial Skills & Knowledge

Basic engineering, chemistry skills, knowledge of mass /energy balance

Description of Work

Both topics mentioned above involve experimental investigations on various scales (from small scale flumes to large scale tanks). The student will be assigned one experiment as a “base line” of his/her stay. In parallel, he/she is expected to participate in / aid other projects for example in sampling campaigns or during field installations. This will (should) result in a broad overview of experimental and field work at a research facility dedicated to groundwater protection/ restoration.