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.