SUPER – Stuttgart University Program for Experiencing Research
Project Information

Institute’s Information
Name of Institute  VEGAS, University of Stuttgart (Research Facility for Subsurface Remediation)
Contact Person  Juergen Braun, PhD
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Duration of Project/Number of Students
June/July
June/July/August  X
Number of Students  1

Name of Project  SURFactant enhanced chemical oxidation for remediating DNAPL (SURFING)

Beneficial Skills & Knowledge  Practical work in analytical laboratory and technical scale

Description of Work
In-situ chemical oxidation (ISCO) is a common technique for the remediation of contaminated sites. The application of ISCO is limited by the availability of the compounds. A low solubility in water hinders the efficiency of the method. In order to broaden the application range, a combination of surfactants and oxidizing agents is investigated in a research project funded by the EU. The SUPER-student will be participating in the ongoing research.