

### Biographical Sketch

**KATHARINA HECK** studied environmental engineering at the University of Stuttgart and received a master's degree in 2016. Her master thesis topic was "Numerical and experimental investigation of soil-root interactions" in cooperation with the Colorado School of Mines in Golden, Colorado. She is currently a doctoral student at the Department of Hydromechanics and Modelling of Hydrosystems (LH2) at the University of Stuttgart. Her research topics are non-equilibrium processes in coupled free-flow porous medium systems.