

Biographical Sketch

EDWARD COLTMAN earned his bachelor's degree in Civil Engineering from Tufts University in 2013. From 2013 to 2015 Edward worked as a remediation engineer for AECOM in Chelmsford, MA. In 2016 he began a master's degree at the University of Stuttgart in Germany in Water Resources Engineering and Environmental Management. Upon finishing his master's degree, having focused on numerical methods and fluid dynamics, Edward began his Doctoral studies at the Institute for Modelling Hydraulic and Environmental Systems in the department for Hydromechanics and the Modelling of Hydrosystems under Prof. Dr.-Ing Rainer Helmig. Edward's research focuses on the numerical analysis of coupled turbulent free flow and porous media systems, participates in the SimTech Cluster of Excellence, and is an associated member of the SFB 1313 "Interface-Driven Multi-Field Processes in Porous Media – Flow, Transport and Deformation".