

**Matthew Bigler, Geosyntec Senior Staff Scientist, Ph.D. Candidate in Environmental Science**

Mr. Bigler is an expert in fate and transport of PFAS in unsaturated soils, including site assessment, development and implementation of numerical models, and assessment of remediation strategies. His research has centered on the intersection of chemical adsorption and unsaturated flow of PFAS in the vadose zone. He has implemented novel experimental designs using microcosms to improve the understanding of transport phenomena and refine models for unsaturated migration of PFAS in soils, with publication pending. He has used his experience at multiple sites to help develop site characterization programs, assess remediation strategies, and perform litigation support.