

Charles Krueger, GIT

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EDUCATION

- **Idaho State University** Pocatello, ID
Master of Science in Geology May 2014
- **Wasatch-Uinta Field Camp** Park City, UT
Geological Mapping Field Course Summer 2012
- **SUNY Geneseo** Geneseo, NY
Bachelor of Arts in Geological Science May 2011

EXPERIENCE

- **Minnesota Pollution Control Agency** St. Paul, MN
Hydrologist July 2019 - Present
 - **Petroleum Remediation Program:** Technical reviews of site investigation reports for petroleum tank releases. Conducting field audits of state contractor's field technicians. EQuIS data management
 - **Petroleum Brownfield Program:** Technical reviews of environmental investigations and response action plans for petroleum redevelopment projects
- **WSP** Pittsburgh, PA
Consultant - Hydrogeologist January 2017 - June 2019
 - **Environmental Investigations:** Drafting proposals and sampling plans for hydrogeologic investigations of industrial properties
 - **Fieldwork:** Groundwater sampling, drilling oversight, sub-slab vapor and indoor air sampling
 - **Reporting:** Drafting and updating reports for RCRA, Superfund, and voluntary cleanup facilities in CA, FL, ID, IN, KY, MI, NY, OH, and SC
- **Northeastern Environmental Technologies Corporation** Ballston Spa, NY
Project Geologist April 2016 - December 2016
 - **Phase I and II Environmental Site Assessments:** Investigations of commercial and light industrial properties
 - **Emergency Response - Hoosick Falls, NY:** Domestic well water sampling for PFOA as part of New York State's investigation into widespread groundwater contamination in Hoosick Falls, NY. High profile project that received national media coverage
 - **Excavation Oversight:** Oversaw removal of petroleum contaminated soil at a bus garage in upstate NY. Activities included field screening soil with PID, segregating clean and impacted soil, signing waste manifests, and organizing delivery of clean fill
 - **Proposals:** Wrote proposals for investigation and remediation projects
- **University of Pittsburgh** Pittsburgh, PA
Teaching Fellow August 2014 - May 2015
 - **Teaching:** Developed and graded coursework for upper-level and introductory geology laboratories
 - **Research:** Used R and ArcGIS to model nitrogen inputs to river banks from spawning fish

PUBLICATION

- Shapley, M.D., Finney, B.P., and **Krueger C.R.** (2019). Characteristics of landslide-formed lakes of central Idaho: high-resolution archives of watershed productivity and clastic sediment delivery. *GSA Special Papers*, 536.

RELEVANT COURSEWORK

- **Undergraduate:** Environmental Science, Groundwater Hydrology, Environmental Geology, Glacial Geology, Remote Sensing **Graduate:** Principles of GIS, Stable Isotopes in Environmental Science, Environmental Chemistry, Advanced Geomorphology