

Project Hydrogeologist

Expertise Groundwater Flow and Contaminant Transport Modeling, Geochemical Modeling, Statistic Analysis, and Field Investigations

Education M.S. (Hydrogeology/Geochemistry), 2008
University of Illinois, Champaign-Urbana
B.S. (Water Resources Engineering), 2006, Nanjing University, PRC

Certifications G.I.T. Wyoming, 2010
OHSА HAZWOPER, 2010
E.I.T. Colorado, 2009

Professional Experience

2011 – Present *Itasca Denver, Inc., Colorado*
Project Hydrogeologist
2008 – 2011 *URS Corp., Denver, Colorado*
Project Hydrogeologist

Project Experience

Numerical Modeling: Experience modeling physical and chemical processes in saturated and variably saturated geologic media. Experience programming in several computer languages, including C, Matlab and Fortran, and in the use of modeling software such as *MODFLOW*, *UCODE*, *Geochemist’s Workbench*, *PHREEQC* and *VS2DI*.

Groundwater and geochemistry analyses: Experience in analyzing geologic, hydrologic and geochemical data using software, including *MINEQL+*, *Surfer*, *CorelDraw*, *ArcGIS*, *Auto CAD*, *Visual Sample Plan*, *AQTESOLV*, *ProUCL*, *Sanitas*.

Field Programs: Experience in conducting field investigations: collecting groundwater and stream water samples in association with retail petroleum remediation projects and installation of groundwater monitoring wells, along with well logging and soil sampling. Experience in performing aquifer tests, and supervised field investigations that included remediation and construction related projects.