



Denver, Inc.

An Itasca International Company

Cliff S. Tonsberg

Staff Hydrogeologist

Expertise Contaminant Transport and Data Management

Education M.S. (Hydrology), 2014
Colorado School of Mines, Golden, CO, USA
B.S. (Environmental Science), 2008
University of Tennessee, Knoxville, TN, USA

Professional Affiliations Geologic Society of America

Professional Experience

2014 – Present *Itasca Denver, Inc., Denver, CO*
Staff Hydrogeologist

2012 – 2014 *Colorado School of Mines, Civil and Environmental Engineering,*
Golden, CO
Research Assistant

2011 – 2012 *Littlejohn Engineering Associates, Inc., Chattanooga, TN*
Engineering Technician

2009 – 2011 *Peace Corps, Elias Piña, Dominican Republic*
Environmental Educator

2008 *University of California – Merced, School of Engineering, Yosemite*
National Park, CA
Research Intern

Project Experience

Contaminant Transport: Research on the development of an analytical contaminant transport model within Excel VBA that was evaluated against field observations and robust numerical models, including *MODFLOW* and *MT3D*. Developed and validated vadose zone and groundwater contaminant transport models.

Programming: Programming experience with Excel VBA, C++, JAVA POSTGRESQL, and Python as well as experience with modeling programs, including *MODFLOW*, *RT3D*, *MT3DMS*, *SUTRA*, *SEAWAT*, *PEST* and *Hydrus*.

Field Experience: Field experience includes conducting aquifer tests, such as pump tests, slug tests and tracer tests, as well as geophysical surveys to collect field data on various parameters including stream discharge, water quality and electrical resistivity.