

## Angela B. Schenk

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Assistant Hydrogeologist  
Spronk Water Engineers

**Education:** Bachelors of Arts, Geology, *summa cum laude*, May 2006  
University of Colorado, Boulder, Colorado  
Phi Beta Kappa Society, Alpha of Colorado

**Work Experience:**

Sept. 2006      Assistant Hydrogeologist  
to                 Spronk Water Engineers, Inc.  
Present         1000 Logan Street  
                     Denver, Colorado 80203

Responsible for compilation and analysis of water resources, water rights and hydrologic data including climatological data, streamflow and diversion records, cropping patterns, water rights tabulations and decrees. Analyses include historical water use studies, water rights evaluations and preparation of court exhibits. Provides engineering support for quantification of historic use of irrigation water rights, including consumptive use analysis, depletion analysis, and analysis of diversion and reservoir storage records. Utilize GIS software in the mapping and analyzing of surface water and ground water uses and demands.

Summer 2006    Applied Geohydrogeology Summer Research Assistant  
                     Kansas Geological Survey (KGS), Section of Geohydrology  
                     1930 Constant Ave.  
                     Lawrence, KS 66047

The assistantship was a three-month summer position working with KGS hydrogeologists on a variety of field activities. Tasks included: laying resistivity lines in order to view the subsurface; downloading In-Situ pressure/temperature transducers, processing data and updating master files; downloading and processing of weather station data to calculate evapotranspiration; and troubleshooting new sensors and writing reports on the performance and results. Spent the last three weeks mining data and preparing the results for presentation at the December American Geophysical Union (AGU) conference.

**Publications:**

Cook (Schenk), A. B., The Scale Dependency of Hydraulic Conductivity within the Elkhorn Fault Zone, Honors Thesis, University of Colorado, Boulder, April, 2006.

Cook (Schenk), A., Geyer, T., Shook, G., Butler, J.J., Whittemore, D., Kluitenburg, G. (2006), Focused Recharge in a Semi-arid Riparian Zone, *Eos Trans. AGU*, 87(52), Fall Meet. Suppl., Abstract H11A-1222.