



DACEY ZELMAN-FAHM

Senior Geospatial Specialist

Education

PhD Candidate, Environmental Science, University of Auckland, Auckland, New Zealand, 2025

M.S. Geographical Information Systems Technology, University of Arizona, Tucson, 2011

B.S. Geography, University of Arizona, Tucson, 2009

B.A. Anthropology, University of Arizona, Tucson, 2009

Professional Organizations

- *American Geographical Society*
- *URISA GISCorps*

Dacey Zelman-Fahm is a Geographical Information Systems (GIS) Specialist, specializing in geospatial technology and 3D visual modeling. Ms. Zelman-Fahm uses her expertise to support BAS Groundwater Consulting INC (BAS) with the data management, database development, and visualization required for complex hydrogeologic studies. Ms. Zelman-Fahm primarily oversees the development and organization of numerical and spatial data, conducts spatial analysis, develops three-dimensional (3D) geologic models, and creates products used for fieldwork, data investigation, reporting, and presentations.

Ms. Zelman-Fahm has over 10 years of practical experience as a consulting GIS Specialist. From the beginning of her consulting career, she has been involved in mining related projects located throughout the Americas and Europe. She has worked heavily in the environmental sector, with an emphasis in groundwater, surface water, air quality, permitting and planning, and site remediation.

Areas of Expertise

- ESRI ArcGIS and QGIS
- Remote Sensing
- Leapfrog™ 3D Geologic Modeling
- GIS Development and scripting
- Data Management
- 3D Visualization
- Digital Imagery Editing
- Relational Database Development