



Alex N. Steely, Ph.D., L.G.

Geologic Mapping and Geothermal Section Manager

Alex currently leads both the Geologic Mapping and the Geothermal Exploration sections; previously he worked in the GIS/Editing section. Prior to joining the Survey, he mapped in southern California, southern Idaho, and briefly in Kyrgyzstan. He has also been a multi-day river guide in southern Oregon, a desert tortoise biologist in the Mojave, and worked briefly in petroleum exploration for Chevron.

Job Responsibilities

Provide leadership and support for Geologic Mapping section, develop collaborations and partnerships with stakeholders who benefit from geologic mapping, develop technology that aids geothermal exploration in Washington.

Professional Interests

Cenozoic tectonic evolution of western Washington, crustal rheology and its influence on mountain building, using quantitative geomorphology to constrain tectonic processes.

Skills

Adobe Illustrator and InDesign, QGIS, ArcGIS, MATLAB, LabView, Javascript.

Professional Experience

- Technical Editor, Washington Geological Survey, Olympia, WA
- Wilderness River Guide, ECHO River Trips, Grants Pass, OR
- Experiential Educator, The Oakley School, Oakley, UT

Education

- Ph.D. Geology, University of California, Santa Cruz, CA
- M.S. Geology, Utah State University, Logan, UT
- B.S. Geology, University of Oregon, Eugene, OR

Personal Interests

Climbing, skiing, yoga, my dog, pottery, woodworking.