



Blair Stuhlmuller, G.I.T

Geodatabase Manager & Field Assistant

Blair works alongside the Geologic Mapping Group at the Survey, where she helps her fellow mappers prepare for field season by creating data collection forms, maps, and templates, as well as processing, performing quality checks on, and doing final reviews of GIS data during and after the field season. She also works on a range of independent digital mapping projects. Occasionally, she gets to join the mappers in the field as well.



Blair teaching about landslides with the Mount St. Helen's Institute.

Prior to working for the survey, Blair spent six years teaching high school science in Oregon and one year doing outdoor education in California. She enjoys puzzling out complex problems and dabbling in code to create custom tools and workflows to help streamline the digital mapping process.

Job Responsibilities

GIS data compilation, review, and processing, Geologic Mapping Schema (GeMS) templates, data collection, field assistance, workflow customization, digital mapping.

Professional Interests

Custom automated ArcPy tools and toolboxes, data management, Earth history, outreach

Skills

ArcGIS Pro, FieldMaps and AGOL; Microsoft Word and Excel; HTML and Python; educational content development; database management and schema conversions, task and time management.

Professional Experience

- GIS PCC-USGS Co-op Intern at the Cascades Volcano Observatory, Vancouver, WA
- High School Science Teacher, Portland, OR

Education

- P.S.M. Applied Geosciences, Portland State University, Portland, OR (in progress)
- GIS Certificate, Portland Community College, Portland, OR
- M.A. Ed Secondary Science Curriculum and Instruction, College of William and Mary, Williamsburg, VA
- B.S. Geology and Environmental Science, College of William and Mary, Williamsburg, VA

Personal Interests

SCUBA diving, hiking, painting, cats, writing, travel, and reading.