



Maria A. Furtney

Publications Editor

Maria assists the publications group with creation and copyediting of blogs, webpages, reports, fact sheets, graphics, and maps. These products and publications help the public understand the geology and natural hazards of Washington State. Before joining the Survey, Maria used satellite remote sensing to study changes in volcanic landforms through time (volcano geodesy) and how these changes may forewarn of volcanic hazards.

Job Responsibilities

Editing (technical and copyediting), writing, web design, publication layout, graphic design, GIS data compilation and editing

Professional Interests

Volcanoes, earthquakes, tsunamis, natural hazards, satellite remote sensing, science communication, science policy

Skills

Matlab, Python, Bash scripting, Unix, Generic Mapping Tools, Adobe Illustrator, LaTeX, Microsoft Office, technical and non-technical writing, intermediate Italian, ArcMap, QGIS, Repeat Orbit Interferometry Package, Boulder Real Time Technologies Antelope, InSAR Scientific Computing Environment, Coulomb 3.3.01, MySQL

Professional Experience

- Graduate Research and Teaching Assistant, Rice University, Houston, TX
- Student Trainee, United States Geological Survey National Earthquake Information Center, Golden, CO
- Graduate Research Assistant, Cornell University, Ithaca, NY

Education

- M.S. Geophysics, Cornell University, Ithaca, NY
- B.A. Geophysics, University of Colorado Boulder, Boulder, CO

Personal Interests

Hiking, backpacking, running, rock climbing, soccer, poetry, bowling

