Alex Dolcimascolo, L.G.

Tsunami Geologist

Alex is the Tsunami Geologist in the hazards section of the Survey. Alex has a research background in tsunami modeling and his Master's thesis work centered on defining a new methodology to characterize earthquake parameters of pre instrumental tsunamigenic earthquakes. Alex also focused his undergraduate thesis on the tectonic translation of the Yakutat Block in southeastern Alaska and U-Pb dating of detrital zircons.

Job Responsibilities
Tsunami modeling for tsunami sources that affect Washington State, creating animations and evacuation maps, tsunami outreach.

Professional Interests
Washington tsunami hazards research, public outreach and hazard education.

Skills
GeoClaw, Adobe Illustrator, Python, UNIX, ArcGIS, and communicating tsunami hazards to the public in a way that is easy to follow.

Professional Experience
- Graduate Research and Teaching Assistant, Central Washington University, Ellensburg, WA
- Technical Researcher, Vietnam Green Building Council, Hanoi, Vietnam

Education
- M.S. Geological Sciences, Central Washington University, Ellensburg, WA
- B.S. Geology, Union College, Schenectady, NY

Personal Interests
Fly fishing, skiing and snowboarding, hiking, running, pick-up soccer