



# Kate Mickelson, L.G., L.E.G.

## Landslide Hazards Program Manager

Kate is a Licensed Geologist with the Landslide Hazards Program. She focuses on studying landslides and helping communities and local governments understand and prepare for landslide hazards. Prior to working for the Survey, she worked for the Oregon Department of Geology and Mineral Industries (DOGAMI), creating landslide inventory, landslide susceptibility, and geologic maps and performing geologic hazard and risk analysis.

### Job Responsibilities

Project lead for landslide mapping projects, lidar-based landslide inventory and susceptibility mapping, evaluating landslides in the field, public outreach, post-wildfire debris flow assessments, emergency landslide response.

### Professional Interests

Landslide hazards, post-wildfire debris flows, hazard analysis and risk reduction, Washington geology, dendrochronology.

### Skills

Evaluating landslides and potentially unstable slopes, landslide susceptibility modeling, differential lidar analysis to assess active landslides, ArcGIS.

### Professional Experience

- Geologist, Washington Geological Survey, Olympia, WA
- Geologist, Oregon Department of Geology and Mineral Industries, Portland, OR

### Education

- M.S. Geology, Portland State University, Portland, OR
- B.A. Geology, University of Colorado, Boulder, CO

### Personal Interests

Mycology, fossil collecting, hiking, backpacking, camping, canoeing, rockhounding.