

Jonah M. Stinson

stinson.jonah@gmail.com

EDUCATION

- Sept 2006- May 2009 **Western Washington University** **Bellingham, WA**
M.S. Geography - *Resource Conservation & Management*
Thesis: "Fuzzy-based landslide susceptibility modeling: Applications to U.S. Forest Service road management"
- Sept 2000 – May 2004 **Whitman College** **Walla Walla, WA**
B.A. Environmental Studies-Geology
Thesis: "Longitudinal Seif dunes, wind patterns, and implications of desertification in the southeastern Gobi, Mongolia"
- Jan 2003 – May 2003 **School for International Training- Conservation & Biodiversity program** **New Zealand**

BUSINESS INFORMATION

- J. Stinson Consulting** **UBI 603000839** **Bellingham, WA**
Owner
• Provides technical ancillary services for issues relating to environmental management, risk analysis, disaster resiliency, and natural hazard mitigation.

RESEARCH/PROFESSIONAL EXPERIENCE

- February 2011- Present **The Resilient Bellingham Consortium** **Bellingham, WA**
Emergency Preparedness & Safety Manager
• Coordinate emergency preparedness and incident response for Western Washington University, Whatcom Community College, and Bellingham Technical College. Produce technical all-hazard plans, craft school-wide policies, liaise and cross-train with local, regional, and federal entities. Design and lead school-wide training programs and exercises, develop and enhance business continuity strategies, and provide response assistance in times of emergencies.
- January 2010- Present **Western Washington University** **Bellingham, WA**
Adjunct Instructor of Geography
• Instructor for introductory Physical Geography lab courses for 100+ undergraduate students. Supervise graduate student Teaching Assistants.
- Oct. 2009- Present **Institute of Environmental Toxicology / DuPont** **Bellingham, WA**
Research Associate
• Assist in integrated large-scale risk assessment for the South River, Virginia environmental remediation project. Work performed in collaboration with multiple stakeholders including DuPont, U.S. Geological Survey, local watershed councils, research universities, and research entities. Services include: cartographic design, database management, data mining, geo-statistical analysis, writing and editing technical papers for international journal publication.
- April 2010- Dec. 2010 **WA State Department of Ecology / The Resilience Institute** **Bellingham, WA**
Lead Project Coordinator
• Led the successful completion of a \$280,000 statewide study of levees and flood protection, culminating in a written technical report to the Washington State Legislature for the 2011 session. Supervised staff, managed budget, executed deliverables, and coordinated with state and federal agencies as well as 30 counties. Directed the first comprehensive geospatial inventory of flood protection structures in Washington State.
- June 2009- Feb 2010 **Oxfam International / The Resilience Institute** **Bellingham, WA**
Contracting Researcher
• Executed regional assessment of earthquake-induced landslide hazard for Guatemala City, Guatemala as part of urban disaster risk reduction efforts. Composed technical reports for clients regarding seismic scenarios and performance measures, and constructed cartographic representations. Collaborated on award-winning N.S.F. Quick Response Grant.
- Oct. 2008- June 2009 **The Institute of Environmental Toxicology** **Bellingham, WA**
Contracting Researcher
• Performed collaborative integrated risk assessment for Whirling Disease throughout southwestern U.S. Services include; Bayesian model execution, cartography, database management, data mining, and geo-statistical analysis. Assisted in writing and editing of technical papers for international journal publication.

July 2008- Oct. 2008	The Resilience Institute <i>Contracting Research Assistant</i> • Creator of professional figures, graphs, and maps for publication of international research on earthquake-induced landslide modeling in natural hazards journals.	Bellingham, WA
January-July 2008	The Resilience Institute <i>Research Assistant</i> • Performed evaluation of the comprehensive areal model of earthquake-induced landslides (CAMEL) using landslide inventory data from the 1999 Chi- Chi, Taiwan earthquake. • Conducted literature collection and review, GIS modeling analysis, and statistical validation.	Bellingham, WA
February 2008	The Resilience Institute <i>Washington Flood Impact Investigator</i> • Conducted site reconnaissance and preliminary interviews as part of a National Science Foundation quick response grant. Helped lead groups of undergraduates investigating flood impacts and business sector recovery in southwest Washington State.	Bellingham, WA
Oct 2004- Aug 2006	Terracon, Inc. Geotechnical & Environmental Consulting <i>Staff Geologist</i> • Composed written technical reports and proposals for clients including geotechnical, NEPA and environmental site assessments. Managed all telecommunications industry NEPA portfolios for the Northwest USA. • Performed geologic and environmental field investigations and monitoring operations. Executed on-site testing and sampling, including drilling and water quality testing. Assisted in directing soil laboratory operations and supervised construction and remediation work involving earth materials.	Lynwood, WA
June-Sept. 2004	U.S. Forest Service & MidCoast Watershed Council <i>Environmental Planner/Restoration Consultant</i> • Developed ecologically-based management plan for federally-owned land parcels in the Lower Alsea watersheds of Oregon. • Worked with community stakeholders, federal agencies, and interdisciplinary academic scientists in field and studio settings. Examples of duties included GIS and graphic design work, topographical surveying, conducting interviews and site evaluations, and facilitating technical presentations and feedback sessions amongst various audiences.	Waldport, OR
July-August 2003	KECK Geology Consortium <i>International Research Team Member</i> • Worked with Mongolian and American researchers in performing original sedimentology and geomorphology field research, satellite imagery analysis, site reconnaissance, and expedition assistance.	Gobi, MONGOLIA

ADDITIONAL INFORMATION

- WA State certified CERT trainer and volunteer instructor for Whatcom County
 - Whatcom County Search & Rescue Council volunteer
 - Whatcom County Incident Management Team member
 - Washington State Safety, Security, and Emergency Management Council member
 - Intermediate competency in written and verbal Spanish
 - Journal Reviewer for *Environmental Management*, *Computers & Geosciences*, *Journal of Applied Geography*
 - Henry David Thoreau Scholar (\$34,000 award for excellence within the environmental field.)
 - Sigma Xi Research Society member and presenter at the Natural Hazards Center Annual Hazards Workshop
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