



Identifying and minimizing earthquake risk

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Cascadia Risk Solutions offers:

- Seismic risk assessments for homes and buildings
- Engineering services for seismic improvements

We provide accurate, building-specific information about earthquake risk to home and building owners in the Pacific Northwest so they can make informed decisions and gain peace of mind.

William (BJ) Cure, SE, founder



BJ was shocked by the conclusions of the Oregon Resilience Plan in 2013, which anticipates power, water, and sewer service disruptions for months following a Cascadia megaquake. This led him to reorient his career solely around earthquake resilience to help save lives and minimize catastrophic losses before they occur. He founded Cascadia Risk Solutions to help improve earthquake resilience in the Pacific Northwest. BJ has 25 years of experience designing and assessing various structures in the residential, commercial, and industrial sectors.

BJ is a member of the Structural Engineers Association of Oregon (SEAO), the Earthquake Engineering Research Institute (EERI), and is trained in various earthquake assessment methodologies such as FEMA P-50, P-58, P-154, ASCE 41, the US Resiliency Council rating system, and ATC-20/ Cal OES post-earthquake inspection. He is a registered engineer in Oregon, Washington, and Arizona.

BJ grew up and lives in the southwest Portland metro area. He is actively improving his own family's preparedness and regularly blogs about the topic of earthquake resilience in the Pacific Northwest. Since 2017, BJ has assessed hundreds of houses for seismic risk and engineered seismic improvements for numerous building types.

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