



## WEBINAR – May 18, 2017

Current science on  
earthquake source and related hazards

### Cascadia Megaquake - Part 1

#### Current science on earthquake source and related hazards

May 18, 2017 @ 12:00 PM Pacific/ 3:00 PM Eastern

Is the West coast ready for a 9.0 magnitude earthquake followed by a large tsunami? Geoscience data and information collected over the last 30 years show that multiple giant earthquakes and associated local tsunamis have struck the Pacific Northwest (including Northern California, Oregon, Washington, and Southwestern British Columbia) for at least the past 10,000 years. The 800-mile Cascadia Subduction Zone (CSZ), which stretches from northern California to southern British Columbia, is the main source of these earthquakes and accompanying tsunamis. This three-part webinar series will look at the science and engineering associated with the earthquake source, the hazards, current strategies to mitigate loss of life, and emerging opportunities in early warning and reducing uncertainty..

Part 1 of the series will highlight the work of two prominent scientists, Dr. Kelin Wang of the Geological Survey of Canada and Dr. Joan Gomberg of the U.S. Geological Survey/University of Washington.

---

#### Presentations for Download:

##### [What scientists know and do not know about “the big one” at Cascadia](#)

*Dr. Kelin Wang*

*Pacific Geoscience Centre, Geological Survey of Canada*

##### [The Cascading Hazards from Cascadia's Earthquakes sunami Hazard Mitigation on the Washington Coast](#)

*Dr. Joan Gomberg*

*University of Washington/U.S. Geological Survey*