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The National Academies of Science, Engineering and Medicine Board on Earth Sciences and Resources (BESR) is hosting a free webinar on what is known about Cascadia's earthquake hazards. You can register to participate here. Information about the event is included below.

"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.

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

Dr. Joan Gomberg (University of Washington/U.S. Geological Survey)

Tags:

- geotimes, natural hazards, cascades, earthquake
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