Seismology

Seismology is the study of earthquakes and the propagation of elastic waves through planets and other solid bodies. This field includes the study of other phenomena related to earthquakes like volcanic, tectonic, oceanic, atmospheric processes.

- Book: Living With Earthquakes In The Pacific Northwest (Yeats)

In this expanded new edition of Living with Earthquakes, Robert Yeats, a leading authority on earthquakes in California and the Pacific Northwest, describes the threat posed by the Cascadia Subduction Zone, a great earthquake fault which runs for hundreds of miles offshore from British Columbia to northern California. New research reveals subtle movements on the deepest part of this fault every 14-15 months — building up strain toward the next major earthquake.

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Thumbnail: Animation of 2004 Indonesia tsunami
Source: National Oceanic and Atmospheric Administration video
Animation provided by Vasily V. Titov, Associate Director, Tsunami Inundation Mapping Efforts (TIME), NOAA/PMEL - UW/JISAO, USA.
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