

Earthquake Stress Triggering and Tsunami Interaction



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Giant earthquakes under the ocean can trigger devastating tsunamis, as illustrated vividly by events in Japan, Sumatra, and Chile. Recent research also indicates that as a major earthquake releases stress on one fault, it can shift stress to adjacent areas, raising the potential of further tremors. In this way, earthquakes can carry on a “conversation” with each other. Through research of global examples



of continental and oceanic events in Japan, California, and elsewhere, this presentation will illuminate how earthquakes interact with each other through domino-like stress triggering, and how giant quakes interact with the ocean to create major tsunamis.



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