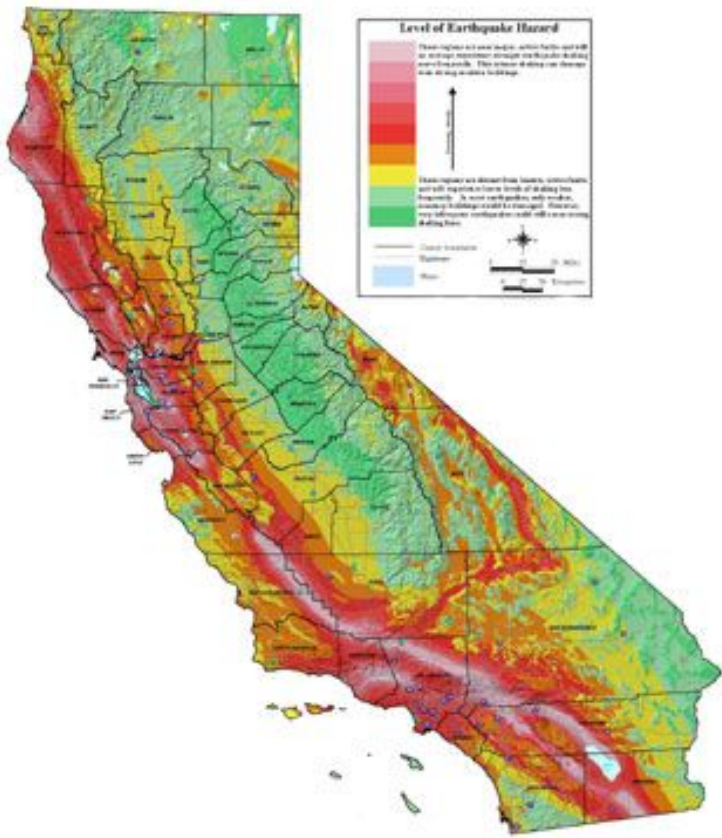
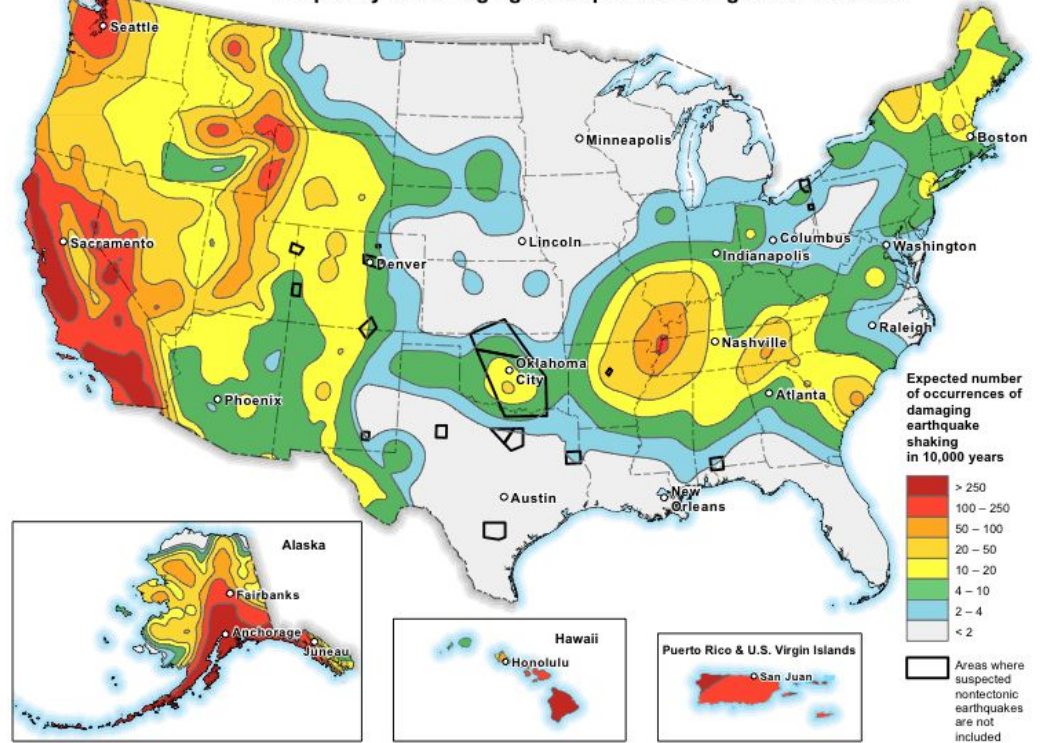


Adapting and preparing for Earthquakes in California

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Frequency of Damaging Earthquake Shaking Around the U.S.



The geographic area most affected by earthquakes in the United States is the west side of the country in California. Also in Hawaii and islands as Virgin and Puerto Rico and.

California is more likely to experience an earthquake due to Andreas Fault that lies 35 miles from Los Angeles. Since 1812 there have happened around 70 major earthquakes in California.

Who is affected by earthquakes? People? Animals? Ecosystems?

Earthquakes can cause damage in all ecosystems, and can destroy people's and animal's habitat and life. When an earthquake hits a place in a high magnitude, it can cause landslides, tsunamis, impact in the food chain for both land and marine life, and great destruction.

What are the effects of the Earthquake?

The main effects of an earthquakes are ground shaking – that depending on its magnitude can be a gentle shake in small earthquakes or an incredibly violent shake in large earthquakes and ground rupture that is caused by the earthquake movement that breaks the Earth's surface. Also, it can cause tsunamis, mud or landslides, and fires.



**San Francisco
- Loma Prieta**

What can be done to mitigate the hazard?

Since an earthquake is a natural disaster, there is no way human species can prevent such hazard from occurring. A way to mitigate the earthquake's effect is by building safer structures, by identifying hazards, and by providing earthquake education to the population. As mentioned, we cannot prevent an earthquake from happening, but the population can definitely be prepared to avoid life-danger situations.

Thoughts, ideas or personal reflection on the issue.

Earthquakes are a serious natural disasters that affects population in a daily basis in California and around the world. I believe schools and companies should emphasize the importance of preparing prior and during an earthquake shake. Is alaway important to remember that in case of an earthquake

- If you are in a vehicle, pull over and stop;
- If you are in bed, turn face down and cover your head and neck with a pillow;
- If you are outdoors, stay outdoors away from buildings;
- Do not get in a doorway;
- Do not run outside.

Citations:

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