

Living in San Francisco

and the dangers that come with it.

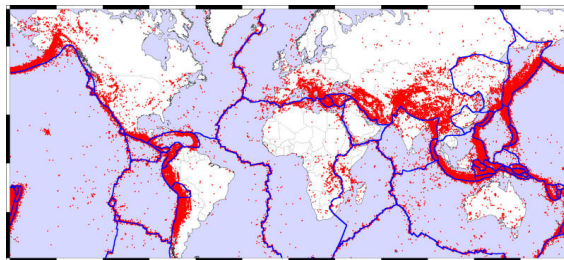
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Introduction:

This story map focuses on San Francisco in California. I wanted to explore the area and the natural dangers that come from living on the San Andreas Fault. I will be talking about Liquefaction and Earthquakes. As someone who believes that the projected “Big One” is coming to California as it has been rumored, I thought it would be nice to create awareness to some of the dangers of living by the San Andreas Fault.

As most people know the earth consists of tectonic plates and when these tectonic plates clash the earth shakes and things like earthquakes and liquefaction occur.



Earthquakes

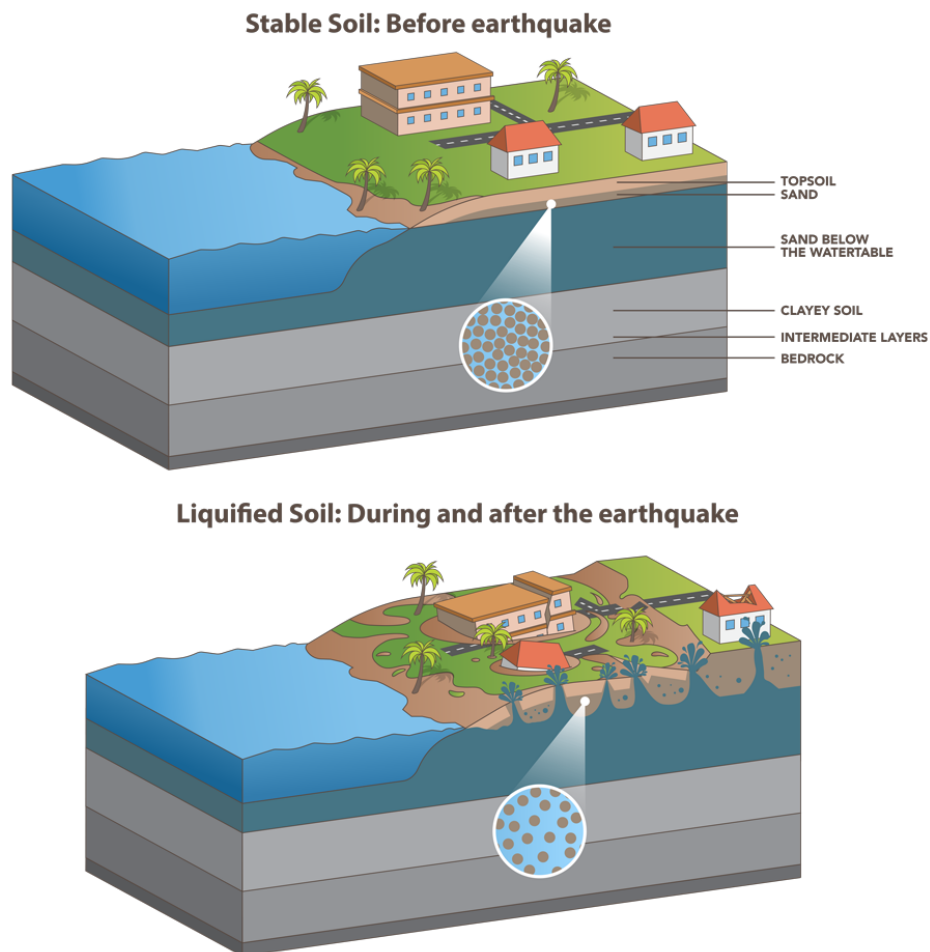
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The most common natural disasters due to tectonic plates occur near their "faults", such as the San Andreas fault.

Earthquakes:

As we can tell, earthquakes by the San Andreas Fault are mostly Violent and Severe.

Liquefactions



As earthquakes are common by the San Andreas Fault, so are the common side effects of these earthquakes. Since San Francisco is by the water they are subjugated to liquefaction after earthquakes.



As the ground shakes the soil loosens up and buildings/cars sink and collapse.



As you can see there is high Liquefaction Susceptibility by the boarders, but if including the frequency of earthquakes this leads to a very dangerous environment.

Conclusion

As we know the "big one" is coming to California, which will be a magnitude 8+ earthquake. In an attempt to create awareness to this event, I created this story map

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