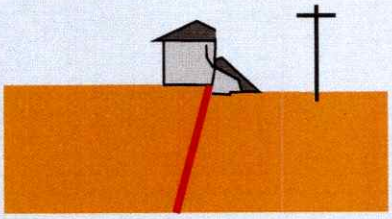
California
Department of Conservation
California Geological Survey

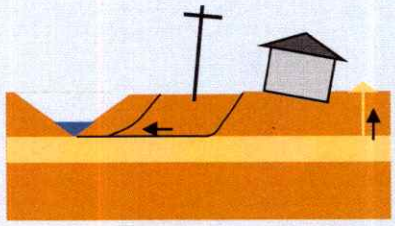
Seismic Hazards Program

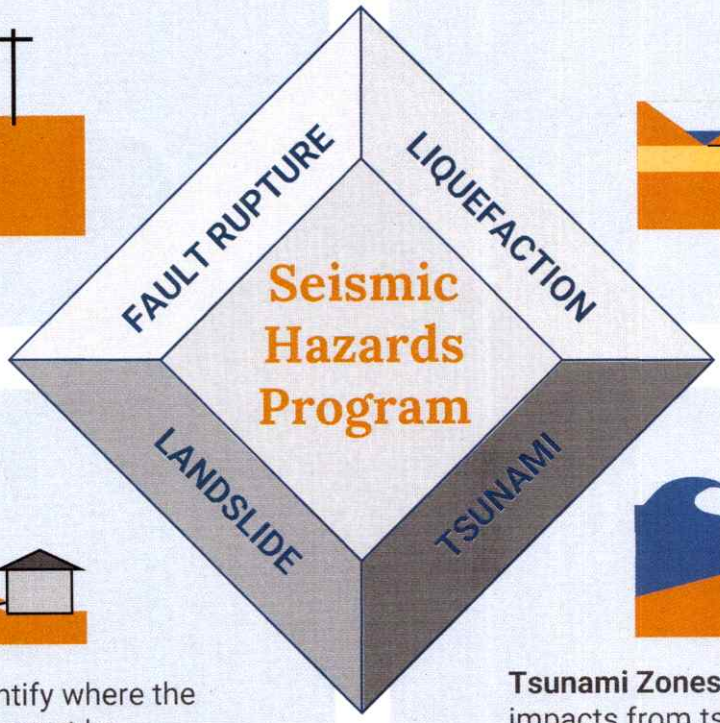
The **Alquist-Priolo Earthquake Fault Zoning Act** (1972) and the **Seismic Hazards Mapping Act** (1990) direct the State Geologist to delineate regulatory Earthquake Zones of Required Investigation (EZRI) to reduce the threat to public health and safety and to minimize the loss of life and property posed by earthquake-triggered ground failures and other hazards. Statutes require that cities and counties use these zones as part of their construction permitting process.

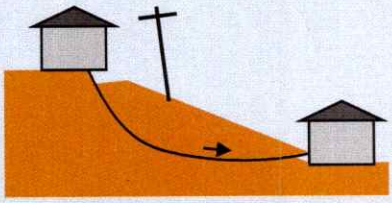
Alquist-Priolo Earthquake Fault Zones prevent buildings for human occupancy from being constructed upon active faults.



Liquefaction Zones identify where the stability of foundation soils must be investigated, and countermeasures undertaken in the design construction of buildings for human occupancy.

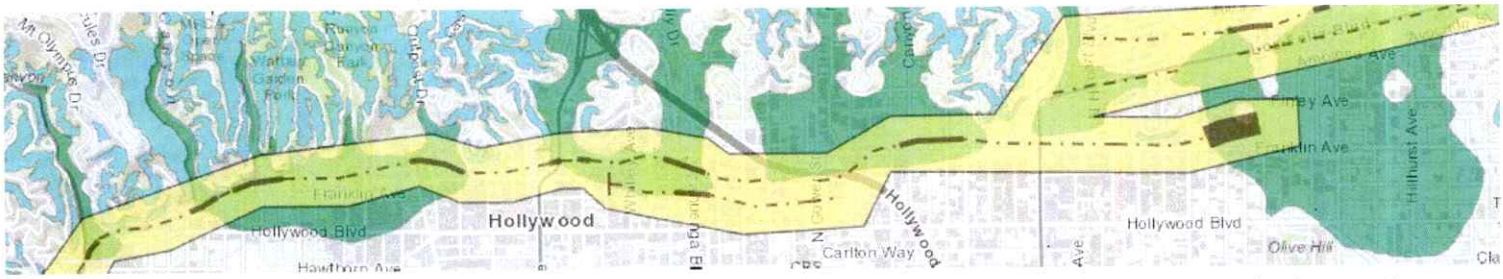






Landslide Zones identify where the stability of hillslopes must be evaluated, and countermeasures undertaken in the design and construction of buildings for human occupancy.

Tsunami Zones identify where the impacts from tsunami inundation and related hazards must be evaluated and countermeasures, including evacuation and engineering design, be developed to protect the human occupants.



To find out if you are within a EZRI for Fault Rupture, Liquefaction, or Landslide visit https://maps.conservation.ca.gov/cgs/EQZApp/
To find official maps and reports for all EZRIs visit https://maps.conservation.ca.gov/cgs/informationwarehouse/