



## Seismic Hazard Zones and Earthquake Engineering Instrumentation in the City of San Francisco

For more information about earthquake hazards and **CALIFORNIA GEOLOGICAL SURVEY (CGS)** earthquake programs, visit the CGS website at [www.conservation.ca.gov/cgs](http://www.conservation.ca.gov/cgs)

### CGS Seismic Hazard Zonation Program Zones of Required Investigation



#### Liquefaction

Areas where historic occurrence of liquefaction, or local geological, geotechnical, and groundwater conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.




#### Earthquake-Induced Landslides

Areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical and sub-surface water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

### CGS Strong-Motion Instrumentation Program Strong-Motion Instrument Locations

 Building

 Ground Response

 Bridge

