



November 20, 2025

Dean Logan
County Clerk
Registrar-Recorder/County Clerk
County of Los Angeles
12400 Imperial Highway
Norwalk, CA, 90650
dlogan@rccc.lacounty.gov

Subject: Official Maps of Earthquake Fault Zones of November 20, 2025

Dear Dean Logan:

I am pleased to announce the release of Official Earthquake Fault Zones for the Mt Wilson and Pasadena Quadrangles, delineated pursuant to the Alquist-Priolo Earthquake Fault Zoning Act (AP Act) (Division 2, Chapter 7.5, California Public Resources Code). The Earthquake Fault Zones identified on these maps are effective on November 20, 2025.

These maps are not intended to prevent new housing, commercial, industrial, or other development projects necessary to meet California's housing needs and sustain continued economic growth. Instead, these maps provide authoritative, science-based information enabling risk-informed planning and seismically resilient development.

The maps and supporting data can be accessed at the following links:

- Maps, GIS data, and reports can be downloaded from the California Geological Survey website under CGS Recent Releases:
<https://www.conservation.ca.gov/cgs/publications/releases> as well at the CGS Information Warehouse
<https://maps.conservation.ca.gov/cgs/informationwarehouse/regulatorymaps/>
- The A-P Earthquake Fault Zones and fault traces are also available as an online GIS map service at:
A-P Zones
<https://cadoc.maps.arcgis.com/home/item.html?id=29d2f0e222924896833b69ff1b6d2ca3>
A-P Fault Traces
<https://cadoc.maps.arcgis.com/home/item.html?id=15b355c071ab4ef78831daeef25490a70>

These maps show Earthquake Fault Zones affecting your jurisdiction. The geographic information system (GIS) files of these regulatory zones released by the California Geological Survey are the "Official Maps." Please be sure that any earlier Earthquake Fault Zones (both GIS files and maps) corresponding to the quadrangle names presented in the first paragraph of this letter are identified as obsolete and discarded.

The AP Act requires the State Geologist to identify active faults and to issue maps of Earthquake Fault Zones in order to regulate development "projects" near active faults. The purpose of the Act is to reduce the hazard of surface faulting to structures for human occupancy. These maps are issued in addition to, and do not replace, any existing Seismic Hazard Zones, which delineate hazards from liquefaction and earthquake-induced landslides and may cover the same area.

Cities and counties affected by the regulatory zones must regulate specified "projects" within the zones in order to locate structures for human occupancy away from the traces of active faults. Cities and counties affected by the zones must require a geologic investigation report for each subdivision and for most structures located within a zone and **must submit copies of these reports to the State Geologist** after they are approved (Section 3603 of Appendix B).

Please forward copies of approved reports in electronic format (PDF) by one of the following methods:

1. Send small documents (<10 MB) via email to:
SHMP@conservation.ca.gov;
2. Instructions to upload large or multiple files can be found at:
<https://www.conservation.ca.gov/cgs/upload-shz-docs>;
3. Mail CD/DVD reports to:
California Geological Survey, Seismic Hazards Program – Reports
715 P Street, 19th Floor
Sacramento, CA 95814.

These reports will be kept on public file and will be used to revise the Earthquake Fault Zones and to process waiver requests, if necessary.

Please note that the AP Act (Section 2622 (d) in Appendix A) imposes an obligation on counties affected by Earthquake Fault Zones. Specifically, it requires that *"...any county that receives an official map... shall post a notice within five days of receipt of the map at the offices of the county recorder, county assessor, and county planning commission, identifying the location of the map and the effective date of the notice."* The purpose of Section 2622 is to make the zone maps "reasonably available" and to enable sellers of real property and their agents to disclose information on the Earthquake Fault Zones prior to the sale of real estate (also see Section 2621.9).

Additional guidance regarding the responsibilities of local agencies, guidelines for evaluating and mitigating fault rupture hazards as well as the text of the AP Act are

contained within Special Publication 42 – Earthquake Fault Zones, a Guide for Government Agencies, Property Owners / Developers, and Geoscience Practitioners for Assessing Fault Rupture Hazards in California (CGS, 2018; <https://www.conservation.ca.gov/cgs/publications/sp42>).

If you require additional information, please contact Judith Zachariasen, Senior Engineering Geologist at 916-879-2844, or by email at Judith.Zachariasen@conservation.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeremy Lancaster", with a stylized flourish at the end.

Jeremy Lancaster
Director and State Geologist

cc: Jeffrey Schmidt, Executive Officer, State Mining and Geology Board