



Publication Date: Friday, September 3, 2021

# OFFICIAL NOTICE OF PUBLIC MEETING

## THE STATE MINING AND GEOLOGY BOARD

**Will Conduct a Geohazards and Mineral Conservation Committee Meeting on:**

**Thursday, September 16<sup>th</sup>, 2021 at 10:00 a.m.**

**This meeting will be held via video conference and will be recorded.**

To avoid any background noises while the meeting is in session, we ask that you mute your device. To join the meeting, please download the latest version of MS Teams by visiting their website at <https://aka.ms/getteams> or install the MS Teams app on your phone. After installing MS Teams on your device click on the [Microsoft Teams Meeting](#) link to join the meeting. You may also join us by phone by dialing (916) 318-8892 and entering the Conference ID Number: **487 453 723#**.

The executive session will be held via an alternate MS Teams line, which will be provided to Board members prior to the meeting. The primary conference line will remain open during the executive session and members of the public may remain on the line. Board members will re-join the main teleconference after the conclusion of the executive session.

For questions or comments regarding this Agenda, please contact the Board by email at [smgb@conservation.ca.gov](mailto:smgb@conservation.ca.gov). This Notice, the agenda, and all associated staff reports can be accessed at the SMGB's web site at: <https://www.conservation.ca.gov/smgb>.



## **PUBLIC MEETING AGENDA**

1. **Call to Order (Zafir)**
2. **Roll Call and Declaration of a Quorum**
3. **Review of the Agenda (Zafir)**
4. **Chair's Report (Zafir)**

5. **Public Comment Period**

This time is scheduled to provide the public with an opportunity to address non-agenda items. Those wishing to speak should do so at this time. All persons wishing to address the Board are encouraged to complete a virtual speaker card via chat on the MS Teams platform. Speakers are limited to three minutes except by special consent of the Chair.

6. **Consent Items**

All the items appearing under this section will be acted upon by the Board by one motion and without discussion; however, any Board member wishing to discuss any item may request the Chair to remove the item from the Consent Calendar and consider it separately.

A. Consideration and Approval of Minutes for the Geohazards Committee Meeting held on:

November 10<sup>th</sup>, 2020

7. **Action Items**

Discussion and Acceptance of the California Geological Survey (CGS) Special Report 118, *Recommended Criteria for Delineating Seismic Hazard Zones in California*.

### **Background**

The Seismic Hazards Mapping Act (Chapter 7.8, Sections 2690 et seq., California Public Resources Code) requires CGS to designate seismic hazard zones. These zones assist cities and counties in fulfilling their responsibilities for protecting the public health and safety from the effects of strong ground shaking, earthquake-induced landslides, liquefaction, or other ground failures. To assist the State Geologist in fulfilling this responsibility, the act directs the State Mining and Geology Board (SMGB), in consultation with an advisory board, to develop guidelines and criteria for the preparation of seismic hazard zones in the state. This report presents the recommendations of the Seismic Hazard Mapping Act Advisory Committee as accepted by the SMGB. It is expected that these criteria will continue to evolve as our understanding of seismic phenomena and the methods used to assess their likelihood and potential impacts on the built environment improves.

The Seismic Hazard Mapping Act Advisory Committee formed three working groups composed of acknowledged experts to address ground shaking, liquefaction, and landslide hazards to gain a consensus on how to prepare the various maps. A fourth working group on planning and implementation was formed to ensure that the resulting seismic zonation maps would be of practical use in the local planning and building department decision-making process. Recommendations from these working groups are principal components of this document.

Early versions of this publication (May 1992; July 1999) presented criteria for delineating seismic hazard zones for liquefaction and earthquake-induced landslides. A revision in

2004 modified recommended criteria that relate to liquefaction zones only. Most notably, specific criteria were recommended for determining anticipated depths to saturated soils in arid regions. Also, a general edit and update of the document was done for clarification purposes and to incorporate new developments in pertinent soil test technology and analyses.

This most-recent revision of Special Publication 118 incorporates recommendations from a technical advisory group formed in 2019 to address tsunami hazards through the Seismic Hazards Mapping Act. This advisory group, referred to as the Tsunami Technical Advisory Panel (TsuTAP) was formed to work much as the working groups for strong ground shaking, earthquake-induced landslides, liquefaction, and planning and implementation.

Special Publication 118 is available at: [www.conservation.ca.gov/cgs](http://www.conservation.ca.gov/cgs)

- 8. Announcements and Future Meetings**
- 9. Adjournment**

# THE STATE MINING AND GEOLOGY BOARD

## **THE BOARD**

The State Mining and Geology Board (Board) serves as a regulatory, policy, and appeals body representing the State's interests in the reclamation of mined lands, geology, geologic and seismologic hazards, and the conservation of mineral resources.

The Board was established in 1885 as the Board of Trustees to oversee the activities of the State Mineralogist and the California Division of Mines and Geology (now the California Geological Survey). It is the second oldest Board in California. Today's Board has nine members appointed by the Governor and confirmed by the State Senate, for four-year terms. By statute, Board members must have specific professional backgrounds in geology, mining engineering, environmental protection, groundwater hydrology and rock chemistry, urban planning, landscape architecture, mineral resource conservation, and seismology, with one member representing the general public.

SPECIALTY	MEMBER NAME	TERM
<b>Non-specialized public member</b>	Larry Sheingold, Chair	2018-2022
<b>Mining Engineer with background and experience in mining in California</b>	George Kenline, Vice-Chair	2021-2025
<b>Mineral resource conservation, development, or utilization</b>	Brian Anderson	2019-2023
<b>Environmental protection or the study of ecosystems</b>	Vacant	2021-2025
<b>Registered Geologist with background and experience in mining geology</b>	Janet Kappmeyer	2021-2025
<b>Landscape Architect</b>	Stephanie Landregan	2018-2022
<b>Registered Geologist, Geophysicist, or Civil Engineer with background and experience in seismology</b>	Zia Zafir	2021-2025
<b>Groundwater hydrology, water quality, or rock chemistry</b>	Marc Los Huertos	2021-2025
<b>Representative of local government with background and experience in urban planning</b>	Vacant	2021-2025

\*Board member terms effectively terminate January 15 of the term-ending year.

## **Mission Statement**

The mission of the Board is to provide professional expertise and guidance, and to represent the State's interest in the development, utilization, and conservation of mineral resources, the reclamation of mined lands and the development and dissemination of geologic and seismic hazard information to protect the health and welfare of the people of California.

## **STATUTORY AND REGULATORY AUTHORITY**

The Board is an independent entity within the Department of Conservation under the Natural Resources Agency and is granted responsibilities and obligations under the following acts:

### **Surface Mining and Reclamation Act of 1975**

Under this Act, *Public Resources Code Sections 2710 et seq. and its regulations at 14 California Code of Regulations Section 3500 et seq.*, the Board provides a comprehensive surface mining and reclamation policy to assure that adverse environmental impacts are minimized, and mined lands are reclaimed. SMARA also encourages the production, conservation, and protection of the State's mineral resources.

### **Alquist-Priolo Earthquake Fault Zoning Act**

Under this Act, *Public Resources Code Section 2621 through Section 2630, and its regulations at 14 California Code Regulations Section 3600 et seq.*, the Board is authorized to represent the State's interests in establishing guidelines and standards for geological and geophysical investigations and reports produced by the California Geological Survey, public sector agencies, and private practitioners. The Board is also authorized to develop specific criteria through regulations to be used by Lead Agencies in complying with the provisions of the Act to protect the health, safety and welfare of the public.

### **Seismic Hazards Mapping Act**

Under this Act, *Public Resources Code Section 2690 through Section 2699.6 and its regulations at 14 California Code of Regulations Section 3720 et seq.* the Board is authorized to provide policy and guidance through regulations for a statewide seismic hazard mapping and technical advisory program to assist cities, counties, and State agencies in fulfilling their responsibilities for protecting the public health and safety from the effects of strong ground shaking, liquefaction or other ground failure, landslides and other seismic hazards caused by earthquakes, including tsunami and seiche threats.

## **GENERAL PROCEDURAL INFORMATION ABOUT BOARD MEETINGS**

The Board is governed by the Bagley-Keene Open Meeting Act that requires the Board to:

- (1) Publish an Agenda at least ten days in advance of any meeting
- (2) Describe in the Agenda specific items to be transacted or discussed
- (3) Refuse to add an item no later than ten days prior to any meeting and republishing of the Agenda
- (4) Call a closed session by the Chair to discuss litigation and other matters
- (5) Make all testimony, files, and documents are made a part of the administrative record

Other Agenda material and reports will be available approximately one week prior to the scheduled Board meeting. All Board related information is available at <http://www.conservation.ca.gov/smgb>.

The Board encourages the submittal of comments, written material, or technical reports thirty days prior to the applicable Board meeting. All such material concerning any matters on the Agenda can be submitted to: [smgb@conservation.ca.gov](mailto:smgb@conservation.ca.gov) or addressed to:

**State Mining and Geology Board  
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Sacramento, CA 95814**