



Publication Date: October 30, 2019

OFFICIAL NOTICE OF PUBLIC MEETING

THE STATE MINING AND GEOLOGY BOARD

Will Conduct a Geohazards Committee Meeting on:

Thursday, November 21, 2019

9:30 a.m. – 12:00 p.m.

**California Geological Survey
Headquarters Large Conference Room**

**801 K Street, 12th Floor, Suite 30
Sacramento, CA 95814**

For questions or comments regarding this Agenda, please contact the Board office by telephone at (916) 322-1082, or via email at smgb@conservation.ca.gov. This Notice, the agenda, and all associated staff reports can be accessed at the Board's web site at: <http://www.consrv.ca.gov/smgb/>.



SMGB GEOHAZARDS COMMITTEE

MEMBERS

Zia Zafir, Ph.D., Chair
Brian Anderson, Vice-Chair
Janet Kappmeyer

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 speaker card and present it to the Board Secretary. 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 a particular item may request the Chair to remove the item from the Consent Calendar and consider it separately.

 - A. Consideration and approval of Minutes of the March 14, 2019 Geohazards Committee Meeting.
- 7. Information and Presentations**
 - A. *Overview of the 2019 Ridgecrest Earthquake Sequence*, Ken Hudnut, Ph. D.
 - B. CGS Programs: 2019-2020, Tim McCrink, Bill Short (CGS)
 - C. Alquist Priolo and Seismic Hazard Maps: Current and Proposed, Tim McCrink (CGS)
 - D. Scope and Progress of the Lawrence Livermore Labs Review of Science at the CGS, Tim McCrinck, Bill Short (CGS)
 - E. Status of CGS Rare Earth Mapping Project, Mojave Desert: Fred Guis (CGS)
 - F. Proposed Updates and Rulemaking to Seismic Hazards Mapping Act regarding Tsunamis, Matthew Livers (SMGB)
- 8. Announcements and Future Meetings**
- 9. Adjournment**

THE STATE MINING AND GEOLOGY BOARD

A. THE BOARD

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

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 non-specialized member representing the general public.

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 operates in conjunction with 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 (SMARA)

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 (A-P)

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 so as to protect the health, safety and welfare of the public.

Seismic Hazards Mapping Act (SHMA)

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.

Other Authorities Related to the Board

California Environmental Quality Act (CEQA)

The California counterpart to the National Environmental Policy Act (NEPA). CEQA requires California state and local agencies to determine the significant environmental impacts of their actions and to avoid or mitigate those impacts, if feasible.

California Endangered Species Act

Fish and Game Code 2050 et seq., makes it illegal to “take” State-listed endangered, threatened, or candidate species, except as authorized by California Department of Fish and Game.

Fish and Game, Code Section 5650

Makes it illegal to permit the passage of any substance deleterious to fish, plants, or bird life to the waters of the state, unless authorized by regional board waste discharge requirements or a federal permit for which *Clean Water Act, Section 401* state certification is issued.

Porter-Cologne Water Quality Control Act

Based on the *Water Code 13000 et seq.* this act regulates the discharge of waste that could affect State waters subject to waste discharge requirements (WDR). One of six Regional Water Quality Control Boards (RWQCB) reviews a mining proposal, holds public meetings, and requires a separate reclamation bond.

B. GENERAL PROCEDURAL INFORMATION ABOUT SMGB 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 10 days prior to any meeting and republishing of the Agenda.

Persons are invited to visit the Board web site at <http://www.conservation.ca.gov/smgb>. The Board Agenda will be available approximately 15 days prior to the scheduled meeting. Other Agenda material and reports will be available approximately one week prior to the scheduled Board meeting, and also are available at the Board’s office during regular business hours 7:30 A.M. to 4:30 P.M. Monday through Friday (except holidays).

A Closed Session may be called by the Chair to discuss litigation and other matters for which closed sessions are authorized under the Bagley-Keene Open Meeting Act.

Agenda items are subject to postponement. Interested and affected persons may contact the Board’s office in advance of the meeting day for information on the status of any agenda item.

Board meetings are open to the public and are held in barrier-free facilities in accordance with the Americans with Disabilities Act.

C. SUBMITTAL OF DOCUMENTS ON BOARD AGENDA ITEMS

The Board encourages parties to submit comments, written material, or technical reports to include plans, specifications, maps, cross sections, boring or trench logs, and diagrams prior to the publication of the Executive Officer’s Report. This ensures that the submittal can be included in the Agenda material for the Agenda item in question. To ensure that Board members have an opportunity to fully study and consider the items on the Agenda, all such material concerning any matters on the Agenda should be submitted at least three (3) days prior to the meeting date to:

Jeffrey Schmidt, E.O.
State Mining and Geology Board
801 K Street, MS 20-15
Sacramento, California, 95814

State Mining and Geology Board
Geohazards Committee Agenda
November 21, 2019
Page 5

The Board also accepts electronic mail addressed to the Executive Officer at Jeffrey.schmidt@conservation.ca.gov with a subject line identifying the agenda item name and number. The Board encourages electronic or flash-drive submission of large quantities of documents. Timely submitted written material will be provided to the Board along with the full Agenda materials, and will be uploaded to the Board web site at <http://www.consrv.ca.gov/smgb/> for the Agenda item in question, along with any supplemental Executive Officer reports. Documents submitted to the Board less than three (3) days prior to the meeting shall be considered "late submittals" as it is difficult for Board members to carefully review and consider late submittal. The Board retains discretion to determine whether or not it will consider late submittals at the meeting.

All Board files and documents considered by the Board pertaining to the items on this Agenda are made a part of the administrative record for the respective Agenda items.

D. ORAL COMMENTS DURING SMGB MEETINGS

All persons desiring to address the Board are requested to fill out a speaker card. Cards are provided near the entrance to the meeting room. Please fill out a separate card for each item on which you intend to speak, and present it to the Board Secretary prior to that agenda item.

Unless otherwise specified in the public notice, the Board limits oral presentations from all parties to three (3) minutes. The Board Chair reserves the right to shorten or lengthen this limit period depending on time constraints and other factors relating to the particular matter being heard.