



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES



ALFRED E. ALQUIST
SEISMIC SAFETY COMMISSION MEETING
In-person and Teleconference Meeting
Thursday, October 9, 2025

1. Call to Order and Roll Call

Chair Rabbitt called the meeting to order at approximately 10:04 a.m. A roll call was conducted to establish a quorum.

Commissioners In-Person Attendance

David Rabbitt, Chair, Local Government
Representative Lori Nezhura for Nancy Ward, CA Governor's Office of
Emergency Services (Cal OES) (Left at 12:07 pm)
Representative Jose Lara, CA Governor's Office of Emergency Services (Cal OES)
(Arrived at 12:07 pm)
Vincent Wells, Fire Protection

Commissioners Virtual Attendance

Debra Garnes, Vice-Chair, Local Government
Ida Clair, California (CA) Division of the State Architect
Representative Irina Brauzman for Stoyan Bumbalov, Building Standards
Commission
Joone Kim-Lopez, Public Utility
Representative Tomasa Duenas for Gail Pellerin, CA State Assemblymember
Cindy Silva, Local Government
Kevin McGowan, Emergency Services

Commissioners Absent

Dr. H. Kit Miyamoto, Structural Engineer

2. Chair Remarks

Chair Rabbitt began the meeting by welcoming the new Executive Director, Dr. Sara K. McBride, acknowledging the time constraints for the presenter, and thanking Lori Nezhura for her work as Acting Executive Director, as well as the staff for their contributions.



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3. Public Comment: Items on Agenda

Chair Rabbitt invited the public to comment on agenda items. No public comments were submitted regarding the agenda items.

4. Approval of Seismic Safety Commission (SSC) July 17, 2025, Meeting Minutes:

Commissioner Wells made a motion to approve the SSC July 17, 2025, meeting minutes, seconded by Commissioner Kim-Lopez. A roll-call vote was held, and the motion passed unanimously.

Chair Rabbitt directed that item #5 be taken out of order and item #6 be heard next.

5. Beyond Earthquake Damage: Innovative Metrics for Economic and Community Recovery

-John van de Lindt, Ph.D., Civil Engineer, Colorado State University

John van de Lindt, Colorado State University, presented the final report, part three of the Ferndale and Türkiye project, which includes recovery simulations provided by the Interdependent Networked-Community Resilience Modeling Environment (IN-CORE). The report has been reviewed by the SSC Ferndale and Türkiye Ad-Hoc Committee, as well as several other technical experts.

Commissioner Wells made a motion to approve the report, seconded by Representative Nezhura. A roll call was held, and the motion passed unanimously.

6. SSC Logo Use Policy Revision

At the January 2025 SSC meeting, commissioners instructed staff to create a Logo Use Policy, and a draft was submitted for approval.

Commissioner Clair proposed amendments to the policy section language that gives SSC the right to restrict logo usage and placement. Additional revision from the July meeting, including "SSC reserves the right to request additional information regarding the intended use. At its discretion, the SSC may also ask for a mock-up



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or draft showing how the logo will be used and can impose limitations or restrictions on its usage.” Commissioner Silva asked that the policy include a size for the logo to be provided to users.

Commissioner Silva made a motion to approve the policy with the amendments and comments provided by Commissioner Silva, seconded by Commissioner Clair. A roll call vote was held, and the motion passed unanimously.

7. Welcome Message & SSC 50th Anniversary

-Dr. Sara K. McBride, Executive Director, SSC

Dr. Sara K. McBride, the new Executive Director of the SSC, delivered a Welcome Message outlining the SSC's vision and 5-year plan and discussed the upcoming SSC 50th Anniversary.

In addition to commemorating this milestone, Dr. McBride also provided the latest update on the California Resilience Advancement Fund (CRAF). As of June 30, 2025, and after accounting for encumbered commitments, the CRAF retains \$2,900,012.64 in available resources. These funds are ready to support current and future initiatives aligned with CRAF objectives.

8. Draft AB 1770 Report – Fire Station Safety and Earthquake Early Warning Implementation

-Jia Wang-Connelly, Senior Structural Engineer, SSC

Jia Wang-Connelly, Senior Structural Engineer with the Seismic Safety Commission, presented the draft AB 1770 Report: *Fire Station Safety and Earthquake Early Warning Implementation*. Assembly Bill 1770 (Chapter 212, Statutes of 2024) directs the Commission to coordinate with CAL FIRE and Cal OES to assess the safety of California's fire stations. In response, SSC developed a statewide survey, reviewed compliance with the Essential Services Buildings Seismic Safety Act of 1986 (Article 1 (commencing with Section 16000) of Chapter 2 of Division 12.5 of the Health and Safety Code), gathered data on the adoption of Earthquake Early Warning (EEW) systems, and identified potential funding sources for seismic mitigation.



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To fulfill these objectives, the SSC presents a statewide survey result that drew responses from over 1,000 fire stations. The Commission compiled findings on structural vulnerabilities, emergency preparedness, and EEW readiness. This report outlines SSC's initial actions, key insights, and next steps in support of AB 1770's goals.

9. AB 100 Report - Department of Health Care Access and Information (HCAI)

-Chris Tokas, Deputy Director, Office of Statewide Hospital Planning and Development, HCAI

Chris Tokas, Deputy Director of the Office of Statewide Hospital Planning and Development at HCAI, returned to the SSC to underscore the value of its seismic programs to the public. The Department of Health Care Access and Information (HCAI) is one of the ten entities specified in AB 100 legislation.

A break was taken at 12:01 pm and reconvened at 12:16 pm.

10. University of California San Diego (UCSD) Shake Table Project Update

-Tara C. Hutchinson, P.E., Ph.D., Civil Engineer, University of California, San Diego (UCSD)

Professor Tara Hutchinson from the Department of Structural Engineering at the University of California, San Diego (UCSD) provided an update on the Shake Table project.

The UCSD Shake Table project's seismic testing phase is complete, and live-fire testing was conducted on July 17, 2025, and July 24, 2025. A compilation video showing seismic testing conducted in June 2025 was shown.

11. Statewide California Earthquake Center (SCEC) Presentation

-Professor med Elbanna, Ph.D., Civil Engineer, Statewide California Earthquake Center (SCEC)

Professor Ahmed Elbanna from the Statewide California Earthquake Center (SCEC) presented on the potential collaboration between SCEC, the United States Geological Survey (USGS), the Office of



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Emergency Services (OES), and the Seismic Safety Commission (SSC) to update the Great Shakeout scenario.

12. **Latest Analysis of the Myanmar & Kamchatka Peninsula Earthquakes**

-Dr. Wendy Bohon, Geologist, California Geological Survey

Due to the continued Federal shutdown, Dr. Wendy Bohon, Geologist with the California Geological Survey, presented in place of Dr. Dara Goldberg (USGS) and Dr. Zoe Yin (USGS). Dr. Bohon delivered the scheduled update on the Myanmar and Kamchatka Peninsula earthquakes with the support and agreement of the original presenters.

13. **Project Updates**

- Dr. Sara K. McBride, Executive Director, SSC

SSC Executive Director Dr. Sara K. McBride updated Commissioners on the status of the following projects:

- **Ferndale and Türkiye**—A three-part project encompassing: (1) a report on the impediments to recovery for Rio Dell; (2) data on tectonics/triggered events, like Türkiye, with Pacific Earthquake Engineering Research (PEER), modeling locations in Northern and Southern California; and (3) recovery simulations provided by the Interdependent Networked-Community Resilience Modeling Environment (IN-CORE).
 - (1) The report has been approved and published on the SSC website.
 - (2) PEER's contract has been amended to extend the project through April 2026. Work on the deliverables continues.
 - (3) This report has been provide for review by staff and the Ad-Hoc committee.
- **Mobile Home Building Code Project**—The BRIC Building Code Plus Up grant was approved. SSC staff worked with Cal OES grant and contract staff to scope a statement of work. The Cal OES contract team is working on the proposal. Contract has been submitted for budget proposal updates.
- **Reducing Post-Earthquake Ignitions and Improving Firefighting Water Supply Capacity Reliability**—Approved at the October and



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April 2024 meetings, Dr. Charles Scawthorn, President of SPA Risk LLC., and SSC staff have merged these proposals into one contract. SSC staff are working with Dr. Charles Scawthorn and a new Project Investigator (PI), Professor Gollner.

- **Building Health Monitoring Using California's MyShake Smartphone App**—After receiving approval at the January 2025 meeting, SSC staff collaborated with Professor Richard Allen, Ph.D., Seismologist and Director of the Berkeley Seismological Laboratory at UC Berkeley, and the Cal OES contract team to define the scope of work. The contract has since been approved, and the official kick-off meeting took place on September 18, 2025.
- **SSC Website & Design Contract**—SSC staff collaborated with the Cal OES Procurement team to award the contract to Capital Tech Solutions, effective through June 30, 2026. The website will be refreshed and the 100-year infographic updated.
- **Quake Heroes Expos**—The University of Southern California (USC) received approval to fund a series of events featuring their Quake Heroes documentary film. The goal is to inspire preparedness activities of people across California. SSC staff have collaborated with USC to establish eligibility criteria and develop a registration page. Recent updates to converting the Quake Heroes video into Spanish and Chinese have been completed. The contract is currently going through amendments.

14. Miscellaneous Announcements

Director Sara K. McBride proposed the schedule for the 2026 SSC meetings on the following dates:

- January 15, 2026
- April 9, 2026
- July 23, 2026
- October 8, 2026

After a discussion among commissioners about scheduling, they agreed on the proposed dates for the upcoming year.



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15. Public Comments: Items Not on the Agenda

Eileen Boken with Coalition for San Francisco Neighborhoods commented on item 7.

The Coalition is excited to connect with Dr. Sara McBride, to build new relationships, and invite you to a future San Francisco event.

16. Adjourn

Chair Rabbitt adjourned the meeting at 1:33 p.m.

Minutes submitted by: Tanya Black, Administrative Processes Manager