

**National Earthquake Hazards Reduction Program (NEHRP)
Advisory Committee on Earthquake Hazards Reduction (ACEHR)
September 25, 2023 Virtual Meeting Summary**

Attendees (listed alphabetically by category)

ACEHR Members

Lucy Arendt, Chair	St. Norbert College
Ann Bostrom	University of Washington
Jeffrey Briggs	Missouri State Emergency Management Agency
David Cocke	Structural Focus
Michael Hamburger	ACEHR ex-officio as SESAC Chair
Thomas Heausler	Consulting Structural Engineer
Tara Hutchinson	University of California, San Diego
Anne Meltzer	Lehigh University
Danielle Mieler	City of Alameda
Ellen Rathje	University of Texas, Austin
Jonathan Stewart	University of California, Los Angeles
Douglas Wiens	Washington University in St. Louis

NEHRP Agency Representatives

Michael Blanpied	United States Geological Survey
William Blanton	Federal Emergency Management Agency
Tina Faecke	National Institute of Standards and Technology
Jonathon Foster	Federal Emergency Management Agency
John “Jay” Harris	National Institute of Standards and Technology
Gavin Hayes	United States Geological Survey
Jacqueline Meszaros	National Science Foundation

Others

Karyn Beebe	International Code Council
Ryan Kersting	Buehler Engineering, Inc.
Michael Mahoney	MG Mahoney Consulting

I. Welcome

As Designated Federal Officer (DFO) for ACEHR (or Committee), Ms. Tina Faecke called the meeting to order at 1:00 p.m. EDT, took roll call for the Committee members, and confirmed the quorum requirement was satisfied. She announced the meeting will be recorded and reviewed some meeting logistics.

II. Public Input Period

Committee DFO Faecke turned the meeting over to Mr. Ryan Kersting, practicing structural engineer and principal with Buehler Engineering in Sacramento CA, who registered to speak. After Kersting’s remarks, the meeting was handed to ACEHR Chair, Dr. Lucy Arendt, who reviewed the meeting agenda and goals.

III. 2023 ACEHR Biennial Report Discussion

Faecke shared the latest draft 2023 ACEHR report and provided the Google document link in the chat for those participating remotely. Arendt reminded the Committee that their goal is to review the current draft and reach consensus on the final content before the end of today's meeting. Each "programmatic" and "procedural" recommendation was reviewed and the Committee either provided alternate language or concurrence on the current language.

There was a brief discussion on the recommendation and sub-bullets for subduction zone earthquakes and hazards. The Committee consensus was to revise the recommendation sub-bullets and to spell out "subduction zone" instead of using an acronym.

There was a discussion regarding a recommendation on the earthquake insurance problem. Goal one, Objective five of the latest NEHRP Strategic Plan references evaluating the availability and affordability of earthquake insurance. The Committee consensus was to direct attention to this topic by recommending prioritizing research on innovative approaches to making earthquake insurance more affordable and attainable in addition to suggesting this topic for a future ACEHR meeting discussion.

Dr. Tara Hutchinson volunteered to provide draft visuals for the report cover page. Arendt will review the "Recommendations Summary" and references to budget to ensure consistency with the discussions and revised recommendations resulting from today's meeting. Spelling for the 2023 Turkey Earthquake Sequence reference will be verified. Clarification is needed whether or not the updated USGS Circular 1242 number will remain the same.

The Committee reached consensus on the following:

- General recommendations for additional funding are not appropriate. Instead, specific references for funding were included to foreground this topic.
- Include a list of the ACEHR membership and affiliation as well as NIST management, similar to the USGS Scientific Earthquake Studies Advisory Committee report.
- The central and eastern United States (CEUS) recommendation was revised and accepted.
- A recommendation on prioritizing research for earthquake insurance was added.
- Clarification needed for sentence, "Major plate boundary faults in the U.S. (e.g., San Andreas) lack dense, on-fault instrumentation of this type."
- There were no changes to the NIST Director draft letter for transmitting the report.
- Diversity, equity, and inclusion did not emerge as a separate recommendation, but these issues will be integrated throughout the report instead.

IV. Closing Remarks

Arendt thanked the Committee members and NEHRP agencies for their engagement, participation, and commitment. A poll will be sent with late February, early March, and August dates for scheduling the next two in-person meetings.

V. Adjournment for the Day

Faecke thanked everyone for their participation and adjourned the meeting at 4:55 p.m. EDT.