

April 27, 2023
Utah Seismic Safety Commission
Quarterly Meeting Minutes (Hybrid) Kletting Room at Utah State Capitol

On April 27, 2023, a regularly scheduled quarterly meeting of the Utah Seismic Safety Commission (USSC) was a hybrid meeting. The USSC Chair, Keith Koper, called the meeting to order at 9:00 a.m.

Members Present:

Keith Koper, Chair	University of Utah Seismograph Stations
Steve Bowman, Vice-Chair	Utah Geological Survey
Jessica Chappell, Vice-Chair	Structural Engineers Association of Utah
Leon Berrett	American Public Works Association
Steven Bruemmer	American Institute of Architects, Utah Disaster Assistance
Divya Chandrasekhar	University of Utah
Kris Hamlet	Utah Division of Emergency Management
Patrick Tomasino	Utah Division of Facilities and Construction Management
Peter McDonough	American Society of Civil Engineers
Joaquin Mixco	Utah Department of Transportation
Rhett Larsen	Utah State Board of Education
Robert Grow	Founding Chair Emeritus, Envision Utah
Evan Curtis	Utah Governor's Office Planning and Budget
Kyle Becker	Utah Insurance Department
Orion Goff	Utah League of Cities and Towns
Ari Bruening	Envision Utah (Ex-Officio)
Kelsey Schill (proxy Sean McGowan)	FEMA Region VIII (Ex-Officio)

USSC Staff Present:

John Crofts	Utah Division of Emergency Management
Debbie Worthen	Utah Division of Emergency Management

Guests Present:

Emily Morton	University of Utah Seismograph Stations
Brent Maxfield	The Church of Jesus Christ of Latter-day Saints
Hailey	University of Utah Student
Janell Woodward	State of Nevada, Earthquake Program Manager
Glen Palmer	Palmer Engineering
Ember Herick	Utah Division of Emergency Management
Brady Cox	Utah State University
Loren Blauer	Resident of Bountiful

Members Not Present (excused):

Chris DuRoss	U.S. Geological Survey (Ex-Officio)
Adam Hiscock	Utah Geological Survey (Staff)
Emily Kleber	Utah Geological Survey (Staff)

Welcome and Introduction of Members and Visitors/Approval of Minutes

Keith Koper asked for introductions and invited attendees to introduce themselves. He asked for a review of the minutes.

Keith asked for a motion to approve the minutes from January 12, 2023, USSC meeting:

Pete McDonough made a motion to approve the minutes with corrections.

Leon Berrett seconded the motion to approve the minutes.

Divya Chandrasekhar abstained from the vote.

The motion to adopt the minutes carried.

New Wasatch Front Earthquake Scenario Document Update

Divya provided an overview and held a discussion on the new Wasatch Front Earthquake Scenario Document and held a discussion regarding the needs of the scenario. She discussed the process and needs of the people who will be using the scenario. She discussed the roadmap and discussed identifying the right agencies to include in the collaboration. She discussed the importance of the roadmap and funding and stakeholder engagement. The Commission discussed including Envision Utah and agreed to engage them with stakeholder involvement. Divya requested feedback from the Commission and invited additional participation.

Utah State University Earthquake-Related Legislative Appropriation Update

Brady Cox provided a presentation on Utah State University's Legislative appropriation for the Utah Earthquake Engineering Center. He discussed his earthquake engineering experiences and education. He provided background and the value and need for a Utah Earthquake Engineering Center. He discussed Utah as having significant seismic risk, but that Utah didn't have an engineering center. In March they were granted \$2.5 million to start an Earthquake Engineering Research Center. He discussed Utah's significant seismic hazard and the importance of a deeper look at the building code and design for ground motions. He discussed Education and training, education solutions, and resilient recovery as the goals of the Utah Earthquake Engineering Center.

Legislative and Governor's Office Update

Evan Curtis provided a Legislative and Governor's Office update. He discussed the revenue surpluses and appropriations which are much more from previous years. He discussed Utah's excellent economy. He discussed Utah being a well-managed state and the continued investments in infrastructure. He complimented the Commission for their involvement and assistance in getting investments to improve infrastructure. The state is updating long-term updates.

Kris Hamlet added that the Legislature added money to ongoing funding for emergency management and the State Disaster Account. He discussed SB-33 as the local disaster account and its many benefits to communities. He mentioned the updated fire code and the building code adoptions by the Legislature.

Ari Bruening thanked everyone in the Commission for all their efforts to get unprecedented funding for earthquake safety. He discussed the unprecedented funding for earthquake mitigation.

Rhett Larsen discussed funding to LEAs for school safety. He discussed the schools, and all the competing problems school administrators are presented. He mentioned the criticality of keeping earthquake mitigation funding in the discussion.

**Grant Updates from Envision Utah and for the Unreinforced
Masonry (URM) Guide**

Ember Herrick discussed a variety of HMGP projects and provided details regarding the Unreinforced Masonry (URM) Guide and ATC. She discussed the HMGP grant to Envision Utah. These grants significantly help Utah communities become more prepared.

**Progress Report on Schools and Outreach to Utah School Districts,
the National Earthquake Program Managers Meeting,
and the Great Utah ShakeOut**

John Crofts provided an update on the translation in Spanish for Putting Down Roots. He provided a brief overview of the K-12 URM Inventory, the unacceptable risk to Utah students, continued outreach to the school districts, and the upcoming outreach and workshop to the school districts. The Utah Great Shakeout had over 900,000 participants. He discussed the National Earthquake Program Managers Meeting and the Utah Shakeout. He thanked the Commissioners for their service and unrecognized contributions. Utah's Seismic Safety commissions is an example to the Nation, and other states are requesting information on how to improve and implement similar commissions in their own states and territories.

**Cascadia Region Earthquake Workshop, the Western States
Seismic Policy Council, and Various Seismic Safety Commission**

Pascal Schuback provided the Commission with a review of the Cascadia Region Earthquake Workshop, and the expiration of the Western States Seismic Safety Policy Council, and discussed various seismic safety Commission joint efforts and updates.

Announcements and Other Business

The Commission agreed to hold the next Commission meeting on July 6, 2023. The meeting will be a hybrid meeting and details will follow.

Adjourn

Patrick Tomasino made a motion to adjourn.

Leon Berrett seconded the motion to adjourn.

The motion to adjourn was unanimous.

ACTION ITEMS

- Reserve Kletting Room for July 6th Hybrid meeting. (Completed)
- Action Item for Commission on Vendors for Scenario Report (Discussion of Envision Utah—partially completed)
- Get bid information from the vendor for the new scenario (Divya and subgroup—subgroup meeting held and process started)
- Divya and Ari will sit down to visit regarding political and practical issues and who else would be possible such as the Utah League of Cities and Towns could spearhead an effort to find out. (Completed).
- John Crofts will follow up with Brady Cox to plan additional ATC-20 training. (Completed)
- John Crofts get a speaker for the next Commission meeting regarding ground motions (Brent Maxfield) (Completed).
- Jessica Chappell asked about getting Legislative sponsors to help us with sponsors to help with funding. (In process and partially completed)

**Please note, this meeting was hybrid. Efforts were made to document the attendees. Some guests may not have been captured. Please contact John Crofts at jcrofts@utah.gov if there were attendees who were not recognized. The presentation time slots from the published agenda were modified to accommodate the speaker's request.*