



**2022 BASIN AND RANGE EARTHQUAKE SUMMIT**  
**Agenda for Wednesday, October 19, 2022**  
**Earthquake Early Warning**

**Registration and meeting details at <https://geology.utah.gov/BRES22>**

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The 2022 Basin and Range Earthquake Summit (BRES) will be a hybrid remote and in-person meeting.

*Session Conveners: Keith Koper and Jayne Borman*

- 8:00 Welcome
- 8:05 *Real-Time Performance of the Propagation of Locally Undamped Motion (PLUM) Earthquake Early Warning Algorithm for the West Coast, U.S.A.*; **Debi Kilb**, University of California, San Diego
- 8:50 Questions and Discussion
- 9:00 *Future Expansion of the EEW Platform into Nevada Using an Internet of Things (IOT) Approach*; **Graham Kent**, Emily Morton, Daniel Trugman, Seth Saltiel, & Jayne Bormann, University of Nevada Reno
- 9:50 Questions and Discussion
- 10:00 *Towards Earthquake Early Warning in Alaska*; **Natalia Ruppert**, Alaska Earthquake Center, University of Alaska
- 10:50 Questions and Discussion
- 11:00 Break / Poster session
- 12:00 Lunch (1 hour)
- 1:00 *Fixed Network Smartphone-Based Earthquake Early Warning*; **Ben Brooks**, U.S. Geological Survey
- 1:50 Questions and Discussion
- 2:00 *Social Science and Shakealert*; **Sara McBride**, U.S. Geological Survey
- 2:50 Questions and Discussion
- 3:00 *Panel Discussion on Earthquake Early Warning*
- 3:30 Break / Poster Session
- 5:00 Adjourn

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