



2022 BASIN AND RANGE EARTHQUAKE SUMMIT
Agenda for Tuesday, October 18, 2022
Seismology

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

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

8:00 Welcome

Session 1: The 2020-2021 Basin and Range Province Earthquakes

Session Conveners: Kris Pankow and James Pechmann, University of Utah

8:15 *Bringing Recent Basin and Range Earthquakes and the Seismic Cycle into Focus with Geodetic Networks; **William Hammond**, University of Nevada, Reno*

9:15 *Kinematic Slip Models of Four Moderate Intermountain West Earthquakes of 2020 and 2021; **Fred Pollitz**, U.S. Geological Survey*

10:15 Discussion

10:30 Break, Poster Session

12:00 Lunch (1 hour)

Session 2: Short- and Long-Term Seismic Hazard Analysis in the Basin and Range Province

Session Conveners: James Pechmann and Kris Pankow, University of Utah

1:00 *Move to Non-Ergodic Ground-Motion Models for PSHA in Utah; **Norman Abrahamson**, University of California, Berkeley*

1:30 *Aftershock Forecasting in the Basin and Range; **Jeanne Hardebeck**, U.S. Geological Survey*

2:00 Discussion

2:15 Break (15 minutes)

2:30 *U.S. National Seismic Hazard 50-State Model: Science Objectives and Products; **Mark Petersen**, U.S. Geological Survey*

3:30 Discussion

4:00 Break, Poster Session

5:00 Adjourn

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