



2026 UTAH QUATERNARY FAULT PARAMETERS WORKING GROUP AGENDA

Monday, February 9, 2026

*Utah Department of Natural Resources Building, Auditorium (1st floor)
1594 West North Temple, Salt Lake City, Utah*



The 2026 Utah Quaternary Fault Parameters Working Group (UWFPWG) meeting will be held Monday, February 9, 2026. This will be a hybrid (in-person and virtual) meeting.

- 8:00 Refreshments and Coffee
- 8:30 Welcome, Overview of Meeting, and Review of Previous Years' Activities: *Adam I. Hiscock, Utah Geological Survey (UGS)*
- 8:45 Update on the U.S. Geological Survey (USGS) External Grants Program and Topics Across the Intermountain West Region: *Chris DuRoss, U.S. Geological Survey (USGS) Geologic Hazards Science Center*
Update on the January 22, 2026, M4.7 Bear River Fault Zone Earthquake: *Chris DuRoss, USGS*
- 9:05 Technical Presentations:
 - 9:05 Working Group on Utah Earthquake Probabilities 2 Update: *Ivan Wong (Lettis Consultants International)*
 - 9:20 Utah Geological Survey Aerial Imagery Database Update: *Steve Bowman (UGS)*
 - 9:35 Southern Utah Quaternary Fault Updates: *Tyler Knudsen (UGS)*
- 9:55 Break (20 minutes)
 - 10:15 Northern Utah Quaternary Fault Mapping Updates: *Rachel N. Adam (UGS)*
 - 10:35 Duchesne-Pleasant Valley Fault/Soldier Creek Dam Updates: *Ellen Lamont (U.S. Bureau of Reclamation)*
 - 11:05 How Does Inherited Deformation Control the Frictional Behavior of the Wasatch Fault? Insights from Friction Experiments and Microstructural Analyses of the Farmington Canyon Complex: *Lindsey Broderick (Utah State University)*
- 11:35 Lunch
- 1:00 Technical Presentations (continued):
 - 1:00 Dip Angles of Mountain-Front Facets Encode Long-Term Slip Rates Along the Wasatch Normal Fault, USA (virtual presentation): *Scott McCoy (University of Nevada Reno)*
 - 1:30 Bedrock Offset Across the Wasatch Fault in Salt Lake City, Utah, from Teleseismic Converted Phases and its Geologic Implications: *Jim Pechmann (University of Utah Seismograph Stations)*
- 2:00 Break (20 minutes)
 - 2:20 Virginia Street Fault Updates: *Adam McKean (UGS)*
 - 2:35 Utah Quaternary Fault Database Scheduled Updates: *Adam Hiscock (UGS)*
 - 2:50 Utah Earthquake Action Alliance (UUAA) Update: *Matthew Morriss (UGS)*
- 3:05 Break (15 minutes)
- 3:20 Group Discussion Time/Working Group 2026 Fault Investigation Priorities Discussion
- 5:00 Adjourn (maybe earlier)