

**AGENDA**  
**UTAH QUATERNARY FAULT PARAMETERS WORKING GROUP**  
**Tuesday, February 10, 2015**  
**Utah Department of Natural Resources Building, Room 2000 (2nd floor)**  
**1594 West North Temple, Salt Lake City**

- 8:00 Refreshments
- 8:20 Welcome, overview of meeting, and review of last year's activities; Bill Lund, UGS
- 8:30 Technical presentations of work completed or in progress  
8:30 – Paleoseismology of the northern segments of the Great Salt Lake fault; David Dinter, UUGG and Jim Pechmann, UUSS  
9:00 – Paleoseismology of Utah Lake; David Dinter, UUGG  
9:30 – Spatial and temporal fault offset patterns derived from Lidar along the central Wasatch fault zone; Scott Bennett, USGS  
10:00 – Recent paleoseismic trenching studies along the Provo segment, Wasatch fault zone; Scott Bennett, USGS
- 10:30 Break
- 11:00 Technical presentations of work completed or in progress  
11:00 – Preliminary results from the Corner Canyon trench site on the Salt Lake City segment of the Wasatch fault zone; Chris DuRoss, USGS  
11:30 – Remapping of the Warm Springs fault, Salt Lake City segment of the Wasatch fault zone; Adam McKean, UGS
- 12:00 Lunch
- 1:00 Technical presentations of work completed or in progress  
1:00 – LiDAR mapping of the Levan and Fayette segments of the Wasatch fault zone; Adam Hiscock and Mike Hylland, UGS  
1:30 – Fault strip mapping and continued exploration of the existing Traverse Ridge trenches from the Utah Valley University's 2014 summer field experience; Nathan Toke', UVU  
2:00 – Applying structure from motion techniques to neotectonic investigations—methods, error analysis, and examples; Michael Bunds, Nathan Toke', Andrew Fletcher, Michael Arnoff, and Brandon Powell, UVU  
2:30 – New Boise State University NEHRP project: Seismic profiling in downtown Salt Lake City—Mapping the Wasatch fault with seismic velocity and reflection methods from a land streamer; Jim Pechmann, UUSS, and Lee Liberty, BSU  
2:45 – Update on planned paleoseismic trenching on the Taylorsville fault; Greg McDonald and Adam Hiscock, UGS
- 3:00 Break  
3:30 – Update on Working Group on Utah Earthquake Probabilities; Patricia Thomas and Ivan Wong, AECOM  
3:45 – Report on the Basin and Range Province Seismic Hazard Summit III; Bill Lund, UGS
- 4:00 UQFPWG 2015 fault study priorities (see table 1 for UQFPWG list of faults requiring additional study; see table 2 for UQFPWG 2014 fault priority list)
- 5:00 Adjourn