

**AGENDA**  
**UTAH GROUND SHAKING WORKING GROUP**

Tuesday, February 27, 2007  
Utah Department of Natural Resources Building, Room 1060  
1594 W. North Temple, Salt Lake City

**7:30 Continental breakfast**

8:10 Introduction, overview of meeting and review of last year's priorities  
Ivan Wong, Gary Christenson

8:30 Technical presentations of work completed

8:30 – Bill Stephenson, Rob Williams, USGS; 2006 USGS deep P-wave seismic imaging in Mapleton and Provo

9:00 – Brad Wilder, Ken Stokoe, NEES-UTA – Results of “Liquidator” intermediate and deep SASW surveys in Salt Lake Valley

9:30 - Greg McDonald, UGS; Jim Bay, USU – Site conditions map for the Wasatch Front

**10:00 Break**

10:20 Technical presentations of work completed (continued)

10:20 - Ivan Wong, URS, UU; Mark Petersen, USGS - update on PEER Next Generation of Attenuation Models results

10:40 – Mark Petersen, USGS – Use of BRPEWG recommendations and changes to Utah ground shaking levels in the 2007 draft NSHMs

11:20 – Harold Magistrale, Kim Olsen, SDSU; Jim Pechmann, UUSS - Wasatch Front community velocity model (CVM) demonstration and plans for verification  
-Discuss keeping CVM up-to-date with new data, availability for use in other research, and final resting place.

**12:00 Lunch**

1:15 Discussion - Planning for preparing Wasatch Front seismic hazard maps

Develop lists of parameters needed to produce hazard maps. Are data adequate?

1:20 Seismic source characterization Gary Christenson

1:40 Site amplification models Ivan Wong

2:20 Basin-effects models Mark Petersen

**3:00 Break**

3:20 Discussion - Planning for preparing Wasatch Front seismic hazard maps (cont.)

3:20 Attenuation relations Ivan Wong, Mark Petersen

3:50 Set target completion dates and estimate schedule to produce maps

4:00 Priorities for 2008 research

**5:00 Adjourn**

Ground Shaking Working Group-Membership list

Ivan Wong, URS Corporation, Facilitator

Gary Christenson, UGS

Walter Arabasz, UUSS

Jim Pechmann, UUSS

Kris Pankow, UUSS

Bob Smith, UUSS

Gerard Schuster, UUGG

Kim Olsen, SDSU

Harold Magistrale, SDSU

Mark Petersen, USGS

Jim Bay, USUCEE

Marv Halling, USUCEE

Francis Ashland, UGS

Steve Bartlett, UUCE

Kyle Rollins, BYUCE

Ken Stokoe, UT

Wulung Chang, UUGG

Greg McDonald, UGS

Relu Berlacu, UUSS