

AGENDA
UTAH GROUND SHAKING WORKING GROUP

Wednesday, February 11, 2009
Utah Department of Natural Resources Building, Room 2000
1594 W. North Temple, Salt Lake City

12:00 Lunch (provided)

1:00 Introduction, overview of meeting, USGS-UGS cooperative agreement, review of last year's priorities

Technical presentations

- 1:20 – 1:35 Ivan Wong, URS; update on NEHRP grant “Inversion for source, path, and site parameters from the Wasatch Front ANSS data”
- 1:35 – 1:45 Harold Magistrale, SDSU; Update on modifications to CVM and proposal to expand/update CVM and evaluate Vp/Vs ratios and R2 to R3 gradient.
- 1:45 - 2:15 Kris Pankow, UUSS and Mark Petersen, USGS; Results from 2008 M6.0 Wells, NV earthquake; ground motions/site-amplification in SLV; near-source data - applicability to other (WF) basins.
- 2:15 – 3:15 Kim Olsen and Daniel Roton, SDSU; Presentation and discussion of Wasatch Front community velocity model (CVM) validation; preliminary 1Hz 3-dimensional M7.0 scenario ground motion maps.

3:15 Break

- 3:30 Mark Petersen, USGS; USGS perspective of Wasatch Front urban hazard maps
- Group discussion; Dynamic modeling – results, comparison of models, direction of modeling, priorities for future research

5:00 Adjourn

Ground Shaking Working Group-Membership list

Ivan Wong, URS Corporation, Facilitator

Greg McDonald, 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

Bill Stephenson, USGS

Jim Bay, USUCEE

Marv Halling, USUCEE

Francis Ashland, UGS

Steve Bartlett, UUCE

Kyle Rollins, BYUCE

Ken Stokoe, UTA

Wulung Chang, UUGG

Relu Berlacu, UUSS