

AGENDA

UTAH GROUND SHAKING WORKING GROUP

Tuesday, February 14, 2012
Utah Department of Natural Resources Building, Room 1040-1050
1594 W. North Temple, Salt Lake City

8:00 – 8:30	Continental Breakfast	
8:30 – 8:50	Introduction Overview of this year's meeting Review of last year's priorities	Ivan Wong
8:50 – 9:10	Review of Ground Motion Predictions from 0-10 Hz for M7 on the Salt Lake City Segment	Kim Olsen
9:10 – 9:30	Curved Fault Dynamic Rupture Model of Wasatch Fault Salt Lake City Segment	Qiming Liu
9:30 – 9:50	Earthquake Ground Motion Modeling with Kinematic Source Models	Morgan Moschetti
9:50 – 10:10	Review of 3-D Nonlinear Ground Motion Modeling	Jacobo Bielak
10:10 – 10:30	Break	
10:30 – 10:45	Instrumentally Recorded Ground Motions M3 or Greater in the Utah Region since 2000	Kris Pankow
10:45 – 12:00	Questions/Discussion of Technical Presentations/Preview of Afternoon Session	
12:00 – 1:00	Lunch	
1:00 – 4:00	USGS Wasatch Front Urban Seismic Hazard Maps (USHMs) Discussion: Possible Topics <ul style="list-style-type: none">- Review what components are needed for the USHMs- Evaluate/compare different models; input parameters, validation studies, results- Compare model differences/similarities and evaluate the applicability of each model to the USHMs; what elements from each should be used- Evaluate how to incorporate components from different models into the USHMs- Determine how to address higher frequencies- Determine how to address near-surface site response- Assess whether or not the maps should be extended beyond SLV to the north and/or south- Consider what components may have been left out or can be improved upon- Decide whether to meet in 2013 or wait until 2014- Evaluate USHM Final Products<ul style="list-style-type: none">o Formatso User interfaceo Distributiono Updates	Mark Petersen/Ivan Wong

Ground Shaking Working Group Membership

Ivan Wong, URS Corporation, Facilitator
Greg McDonald, UGS, Liasion
Mark Petersen, USGS
Jim Pechmann, UUSS
Kris Pankow, UUSS
Bob Smith, UUSS
Keith Koper, UUSS
Harold Magistrale, FM Global
Bill Stephenson, USGS
Jim Bay, USUCEE
Relu Berlacu, UUSS
Kyle Rollins, BYUCE
Kim Olsen, SDSU
Jacobco Bielak, Carnegie-Mellon

Guests

Qiming Liu, UCSB
Morgan Moschetti, USGS
Ralph Archuleta, UCSB
Leo Ramirez, USGS
Mike Thorne, UUSS
Tony Crone, USGS
Ricardo Taborda, Carnegie-Mellon
Christine Puskas, UUGG
Jamie Farrell, UUGG
Alan Cannady, UUGG
Fred Massin, UUGG