

AGENDA

UTAH GROUND SHAKING WORKING GROUP

Monday, February 14, 2011
 Utah Department of Natural Resources Building, Room 2000
 1594 W. North Temple, Salt Lake City

7:30 – 8:00	Continental Breakfast	
8:00 – 8:15	Introduction Overview of Meeting Review of Last Year's Priorities	Ivan Wong
8:15 – 8:45	Analyses of Earthquake Source, Path, and Site Parameters From ANSS Data Along the Wasatch Front, Utah	Ivan Wong/ Jim Pechmann
8:45 – 9:15	3D Nonlinear Earthquake Ground Motion Simulation in the Salt Lake Basin Using the Wasatch Front CVM	Jacobco Bielak/ Ricardo Taborda
9:15 – 9:45	Characterization of Shallow S-Wave Velocity Structures in Southwestern Utah	Kris Pankow
9:45 – 10:00	Break	
10:00 – 10:30	Ground Motions in the Salt Lake Basin from Dynamic Modeling of a M 7 Earthquake on the Wasatch Fault	Ralph Archuleta/ Bob Smith
10:30 – 11:00	Approximate Linear-to-Nonlinear Correction Factors for Broadband Synthetics Computed for the Salt Lake Valley	Kim Olsen
11:00 – 11:30	Kinematic Modeling using the Wasatch Front CVM/Evaluation of possible upgrades to the CVM	Morgan Moschetti/ Mark Petersen
11:30 – 12:00	Questions/Discussion of Technical Presentations/Preview of Afternoon Session	All
12:00 – 1:00	Lunch	
1:00 – 5:00	USGS Wasatch Front Urban Hazard Maps Roundtable Discussion General Topics <ul style="list-style-type: none"> - Evaluation of current modeling efforts; comparison of input parameters, validation studies, current results - Possible improvements to CVM/input parameters - What are the model differences/similarities - Applicability of each model to Urban Hazard Maps - Incorporation of components from different models into maps - Addressing near-surface site response Urban Hazard Maps Final Products <ul style="list-style-type: none"> - Formats - User interface - Distribution - Updates 	Mark Petersen/ Ivan Wong
5:00	Adjourn	

Ground Shaking Working Group-Membership

Ivan Wong, URS Corporation, Facilitator
Greg McDonald, UGS, Liasion
Mark Petersen, USGS
Walter Arabasz, UUSS
Jim Pechmann, UUSS
Kris Pankow, UUSS
Bob Smith, UUSS
Keith Koper, UUSS
Harold Magistrale, SDSU
Bill Stephenson, USGS
Jim Bay, USUCEE
Relu Berlacu, UUSS
Kyle Rollins, BYUCE
Wulung Chang, UUGG

Guests

Jacobo Bielak, Carnegie-Mellon
Morgan Moschetti, USGS
Ralph Archuleta, UCSB
Tony Crone, USGS
Leo Ramirez, USGS
Mike Thorne, UUSS
Kim Olsen, SDSU
Ricardo Taborda, CMU