

AGENDA

UTAH GROUND SHAKING WORKING GROUP

Monday, February 8, 2010
Utah Department of Natural Resources Building, Room 2000
1594 W. North Temple, Salt Lake City

7:00 – 7:30	Continental Breakfast	
7:30 – 7:45	Introduction Overview of Meeting Review of Last Year's Priorities	Ivan Wong
7:45 – 8:00	Analysis of ANSS Data for Stress Drop and Kappa	Ivan Wong
8:00 – 8:15	Sonic Log Analyses for the Wasatch Front CVM	Jim Pechmann
8:15 – 8:30	Update on Modifications to Community Velocity Model (CVM)	Harold Magistrale
8:30 – 9:00	Wasatch Front CVM - Versions in Use by Modelers/Effects on Results - Distribution of Model - Future Updates	Greg McDonald
9:00 – 11:00	Presentation/Discussion of Different Wasatch Front Ground Motion Models	
9:00 – 9:10	- USGS Plans for Analysis of the CVM	Morgan Moschetti/ Mark Petersen
9:10 – 9:20	- 3D Nonlinear Earthquake Ground Motion Simulation in the Salt Lake Basin Using the Wasatch Front CVM	Jacobo Bielak
9:20 – 9:50	- Ground Motions in Salt Lake Basin from Dynamic Modeling of a M 7 Earthquake on the Wasatch Fault	Ralph Archuleta/ Bob Smith
9:50 – 10:00	Break	
10:00 – 10:45	- 3D Nonlinear Broadband Ground Motion Predictions for M 7 Earthquakes on the Salt Lake City Segment of the Wasatch Fault Using Dynamic Source Models	Kim Olsen/Daniel Roten
10:45 – 11:00	- Modeling Near-Surface Effects	Ivan Wong
11:00 – 12:00	USGS perspective - Comparison of Models/Differences - Applicability for Urban Hazard Maps, Direction of Modeling, and Priorities for Future Research	Mark Petersen
12:00	Adjourn	

Ground Shaking Working Group-Membership

Ivan Wong, URS Corporation, Facilitator
Greg McDonald, UGS
Mark Petersen, USGS
Walter Arabasz, UUSS
Jim Pechmann, UUSS
Kris Pankow, UUSS
Bob Smith, UUSS
Kim Olsen, SDSU
Harold Magistrale, SDSU
Bill Stephenson, USGS
Jim Bay, USUCEE

Kyle Rollins, BYUCE
Wulung Chang, UUGG
Relu Berlacu, UUSS

Guests

Jacobo Bielak, Carnegie-Mellon
Morgan Moschetti, USGS
Ralph Archuleta, UCSB
Daniel Roten, SDSU
Tony Crone, USGS