



2013 EERI Technical Seminar Series: PEER NGA-West2 Project

A technical seminar series supported by  **FEMA** Department of Homeland Security

The Earthquake Engineering Research Institute (EERI), in cooperation with the Pacific Earthquake Engineering Research Center (PEER) and partner organizations, will hold its 2013 Technical Seminar Series focusing on the PEER NGA-West2 Project. The PEER NGA-West2 project addresses important ground motion hazard issues including: Updating the popular database of the recorded ground motion, developing new ground motion prediction equations (GMPEs), scaling of response spectra for a wide range of damping values, directivity and directionality of ground motion, and new recommendations for soil amplification factors for building code applications. The project is coordinated by PEER and financially supported by the CEA, Caltrans, and PG&E.

The technical seminar series will describe the NGA-West2 findings and its impacts for the earthquake engineering community.

Who Should Attend

Geotechnical, Lifeline, and Structural Engineers; Seismologists; Engineering Geologists; Urban Planners; Insurance Professionals; Students; and Risk Modelers. Attendees will receive 6.25 PDHs (Professional Development Hours).

Partner Organizations

Bechtel
Pacific Earthquake Engineering Research Center
Pacific Gas & Electric (PG&E)
Risk Management Solutions (RMS)
U.S. Geological Survey (USGS)

Co-sponsors

ASCE Seattle Section
EERI Regional Chapters: Northern California,
Southern California, Utah, and Washington
Geo-Institute Graduate Student Society (GIGSS)
Seattle Geo-Institute Chapter
Seismological Society of America (SSA)
Structural Engineers Association of Northern California (SEAONC)
Structural Engineers Association of Southern California (SEAOSC)
Structural Engineering Institute Utah Chapter
Utah Geo-Institute Chapter

SEMINAR PROGRAM (8:30 a.m.–4:15 p.m.)

Speakers listed worked on presentation development; only one speaker will present on each topic at each venue.

Overview of NGA-West2 Program

Yousef Bozorgnia, PEER

NGA-West2 Database

Tim Ancheta, RMS

2014 U.S. National Seismic Hazard Maps

Mark Petersen, USGS

Impact of NGA-West2 on MCEr Ground Motions

Nico Luco, USGS

Application of NGA-West2 Products:

Diablo Canyon Nuclear Power Plant

Norm Abrahamson, PG&E

Nick Gregor, Bechtel

Application of NGA-West2 Products:

Effects of the Updates on Building Design

Silvia Mazzoni, Consultant

Excel File of all NGA-West2 Models

Emel Seyhan, PEER

Future Direction

Yousef Bozorgnia, PEER

Panel Discussion

DATES AND LOCATIONS

Thursday, November 7:	Salt Lake City, UT
Friday, November 8:	Long Beach, CA
Thursday, November 14:	Seattle, WA
Friday, November 15:	San Francisco, CA

Register online, or download a registration form, for the 2013 EERI Technical Seminar Series at <https://eeri.org/cohost/registration/tech-seminar-2013>