



SEMINARS: TBI Guidelines for Performance-Based Seismic Design of Tall Buildings, Version 2



PEER is partnering with the Structural Engineers Association of California (SEAOC) Foundation and the Structural Engineers Association of Washington (SEAW) to co-host seminars to introduce the PEER-managed Tall Buildings Initiative project “TBI Guidelines for Performance-Based Seismic Design of Tall Buildings, Version 2.”



SEMINAR PROGRAM (12:30pm – 5pm)

Introduction/Overview

Jack Moehle, UC Berkeley

Seismic Hazard and Geotechnical

Jonathan Stewart, UCLA (SF & LA)
CB Crouse, AECOM (Seattle)

Structural Modeling

Greg Deierlein, Stanford University

Acceptance Criteria

Ron Hamburger, Simpson Gumpertz & Heger

Case Studies

John Hooper, Magnusson Klemencic Associates

Additional Considerations

Jack Moehle, UC Berkeley

This seminar will highlight revisions incorporated into the just published Pacific Earthquake Engineering Research (PEER) Report No. 2017/06: “Guidelines for Performance-Based Seismic Design of Tall Buildings, Version 2,” prepared by a TBI Working Group led by co-chairs Ron Hamburger and Jack Moehle, with contributions from Jack Baker, Jonathan Bray, C.B. Crouse, Greg Deierlein, John Hooper, Marshall Lew, Joe Maffei, Stephen Mahin, James Malley, Farzad Naeim, Jonathan Stewart, and John Wallace.

These guidelines present a recommended alternative to the prescriptive procedures for seismic design of buildings contained in the ASCE 7 standard and the International Building Code (IBC). Properly executed, these Guidelines are intended to result in buildings that are capable of reliably achieving or exceeding the seismic performance objectives intended by ASCE 7, and in some aspects where specifically noted for Risk Categories II, III, and IV. The Pacific Earthquake Engineering Research Center published a first edition of these Guidelines in 2010 in response to the growing use of alternative performance-based approaches for seismic design of tall buildings. Newly released Version 2 addresses new knowledge including lessons learned in application of the first edition on many projects.

Seminar participants can receive a copy of the presentations as well as a hardcopy of the updated Guidelines.

2017 DATES & LOCATIONS

October 24, Tuesday, San Francisco, CA:

Simpson Gumpertz & Heger, 100 Pine Street,
17th floor (live)

October 24, Tuesday, Sacramento, CA: OSHPD,

2020 West El Camino Avenue, Suite 800
(webcast)

October 24, Tuesday, San Diego, CA:

Degenkolb, 225 Broadway, Suite 1325
(webcast)

November 2, Thursday, Seattle, WA: Magnusson

Klemencic Associates, 1301 Fifth Avenue,
Suite 3300 (live) [10/26 update]

November 28, Tuesday, Los Angeles, CA: AON

Center Auditorium, 707 Wilshire Boulevard
(live)

REGISTER at SEAOC or SEAW:

www.seaoc.org

www.seaw.org

WHO SHOULD ATTEND

The intended audience includes structural engineers and building officials engaged in seismic design and review of tall buildings. Attendees will receive 4 PDHs.