



FEMA



SEMA

FEMA P-2018

Seismic Evaluation of Older Concrete Buildings for Collapse Potential

WEB-BASED TRAINING DESCRIPTION

This training about FEMA P-2018, *Seismic Evaluation of Older Concrete Buildings for Collapse Potential* ([link](#)), walks the participant through an evaluation methodology to identify and prioritize seismically hazardous non-ductile concrete buildings within a building inventory. Application of the methodology enables the identification of buildings that have high collapse risk without the need for extensive testing or nonlinear analysis.

A wide variety of concrete buildings exist in regions of significant seismicity in the United States, and many were constructed prior to the enactment of modern seismic provisions in building codes. Known as non-ductile concrete buildings, these buildings were constructed prior to the late-1970s, and include archaic construction dating back to the early 1900s. Problematic issues include inadequate steel reinforcing details, system irregularities, and element discontinuities that can result in sudden failure and loss of vertical load-carrying ability. Large earthquakes have demonstrated the seismic vulnerability of these older, concrete buildings, but not all such buildings are at risk of global collapse.

TARGET AUDIENCE

The training is primarily geared towards structural engineers. Interested building officials and civil engineers are also encouraged to attend.

GENERAL INFORMATION

Date: February 17, 2021
Time: 1pm-5pm (Central)
Location: Online (Registration link below)
Instructors: William Holmes, *Rutherford + Chekene*
 Abbie Liel, *University of Colorado, Boulder*
 Jack Moehle, *University of California, Berkeley*
 Rami Elhassan, *IDS Group*
Cost: Free

HOW TO REGISTER

To **register** for this web-based training, please follow this link:
<https://attendeegotowebinar.com/register/605433296007311888>

