



## **Webinar on Reducing the Risks of Nonstructural Earthquake Damage – A Practical Guide (FEMA E-74)**

**Wednesday, March 7, 2018  
12:00 pm – 1:30 pm Pacific  
Registration Fee: Free  
1,000 registrations (sites) maximum**

To register, click [here](#).

**Purpose.** Failure of nonstructural components—which includes all those components that are not part of the structural system, such as architectural, mechanical, electrical, and plumbing systems, as well as furniture, fixtures, equipment, and contents—have accounted for the majority of earthquake damage in several recent U.S. earthquakes. In many cases, businesses, schools, hospitals, and other organizations had to spend excessive time and dollars for clean-up and repair due to nonstructural failures; therefore impeding continued operations and rapid recovery. Nonstructural component failures can impede safe evacuation, delay rescue, and cause additional hazards such as fire following an earthquake. The purpose of this webinar is to describe in simple terms the sources and types of nonstructural earthquake damage, as well as effective methods and guidance for reducing the potential risks of injury and property loss from future earthquakes.

**Intended Audience.** The intended audience for this webinar includes building owners, facility managers, maintenance personnel, store or office managers, corporate or agency department heads, business proprietors, risk managers, and safety personnel. Design professionals, especially those that do not have experience with seismic protection of nonstructural components, might also benefit from this webinar.

**Presenter. Michael J. Griffin, P.E.** Griffin is a Principal and partner at CCS Group, Inc. in Chesterfield, Missouri and has over thirty years of extensive experience in the assessment of natural hazards - earthquake and high wind, for structures and nonstructural components, equipment and systems. He is considered an industry expert and has worked in the Midwest, west coast and Caribbean performing earthquake risk assessments and subsequent structural strengthening designs to mitigate the risk of buildings and nonstructural equipment and systems. Griffin served as a member of the Project Review Panel for the development of [FEMA E-74, Reducing the Risks of Nonstructural Earthquake Damage – A Practical Guide](#). Griffin routinely provides training and education sessions to engineers, management personnel, and students in natural hazards and risk assessments. He holds both a Master and Bachelor of Science degrees from the University of California, Irvine and is registered as a licensed Professional Engineer in seven states.

**Recommended Pre-requisite.** Prior to the training, it is recommended that participants view a 30-minute independent study training, IS-325, Earthquake Basics: Science, Risk, and Mitigation. The IS-325 training provides basic information on earthquakes, its impacts, and general mitigation techniques. The training may be accessed [here](#).

**Professional Development Hours (PDHs).** Each participant of the FEMA E-74 webinar will receive an electronic certificate documenting 1.5 PDHs. Each additional participant sharing the registrant's computer may obtain PDH documentation using a form that will be provided following the webinar.

**Registration Information.** The webinar is funded by the National Earthquake Technical Assistance Program (NETAP)\*, is free to U.S. registrants, and limited to 1,000 registrations. To register online, click [here](#).

**NOTE:** Attending this webinar is **not** equivalent to attending a FEMA E-74 in-person training, which is typically a 6 hour session and includes a class exercise. In-person training courses on FEMA E-74 are available through NETAP.

**Webinar Handouts.** Links to a PDF of the FEMA E-74 report and PDF copy of the training presentation are provided in the registration confirmation e-mail.

**About \*NETAP.** The Federal Emergency Management Agency (FEMA) developed NETAP as a mechanism for delivering direct assistance to the public through State, local, or tribal government entities, to increase their knowledge and ability to analyze their risk, make a plan, and take actions aimed at reducing their earthquake risk and supporting overall community resilience.

**2018 ATC Webinar Program.** The 2018 ATC Webinar Program is under development. To view upcoming scheduled and tentative webinars being planned, please click [here](#).