



FEMA



FEMA P-154, *Rapid Visual Screening of Buildings for Potential Seismic Hazards* (pre-disaster), and

ATC-20, *Postearthquake Safety Evaluation of Buildings* (post-disaster)

WEB-BASED TRAINING DESCRIPTION

Training on FEMA P-154, *Rapid Visual Screening of Buildings for Potential Seismic Hazards*, provides instruction on how to identify potentially hazardous buildings before earthquakes occur. The web-based training covers methods and processes that enable personnel to rapidly identify, inventory, and screen local buildings according to their expected safety and usability during and after earthquakes. Local officials can use these data to plan and prioritize further engineering and vulnerability analysis, emergency-response needs, and mitigation projects. This web-based training is based on the third edition of the document published by FEMA in January 2015. Although some of the material remain unchanged from the Second Edition FEMA P-154 (published in 2002), the Third Edition provides major enhancements.

Training on ATC-20, *Procedures for Postearthquake Safety Evaluation of Buildings*, provides instruction on rapid and detailed evaluation procedures for evaluating earthquake-damaged buildings and posting them as INSPECTED (apparently safe, green placard), LIMITED ENTRY (yellow placard), or UNSAFE (red placard). The web-based training provides examples that allow attendees to evaluate building damage conditions, assess the overall risk from the damage, and recommend which of the three placards should be posted on the building. These evaluations and placards can be used in planning and executing evacuation, re-entry, and rebuilding strategies.

TARGET AUDIENCE

The target audience for these web-based trainings includes building officials, engineers, architects, building owners, emergency managers, risk analysts, and other interested citizens and volunteers.



This web-based training is supported by National Earthquake Hazards Reduction Program (NEHRP) National Earthquake Technical Assistance Program (NETAP). For more information visit: <https://www.fema.gov/emergency-managers/risk-management/earthquake/training/netap>

GENERAL INFORMATION

- Time:** 9am-1pm (Pacific)
8am-12pm (Alaska)
- Dates:** Wednesday, April 28 (FEMA P-154) & Wednesday, May 5 (ATC-20)
- Location:** Online (*See “How to Register” section below*)
- Instructor:** Keith Porter, Research Professor, University of Colorado Boulder, and Principal, SPA Risk LLC
- Materials:** FEMA P-154 report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards, Third Edition* (in PDF) and;

FEMA P-155 report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards: Supporting Documentation, Third Edition* (in PDF).

ATC-20-1, *Field Manual: Postearthquake Safety Evaluation of Buildings* (hard copy available free of charge to attendees who request on registration form)

The FEMA P-154 report can be downloaded from the following link:
https://www.fema.gov/sites/default/files/2020-07/fema_earthquakes_rapid-visual-screening-of-buildings-for-potential-seismic-hazards-a-handbook-third-edition-fema-p-154.pdf

HOW TO REGISTER

Participants may sign up for one or both trainings. Participants are highly encouraged to sign up for both trainings.

- **Register for FEMA P-154:**
<https://attendee.gotowebinar.com/register/1520435879087929869>
- **Register for ATC-20:**
<https://attendee.gotowebinar.com/register/5312460168264132621>