



FEMA



Third Edition FEMA P-154, *Rapid Visual Screening of Buildings for Potential Seismic Hazards*, and *Rapid Observation of Vulnerability and Estimation of Risk (ROVER)*

FEMA P-154, *Rapid Visual Screening of Buildings for Potential Seismic Hazards* has recently been substantially improved and updated and a **NEW** third edition prepared and issued. Changes include

- Methodology improvements
- Screening form improvements
- More detailed screening option (Level 2)
- Electronic scoring option
- Reference guide enhancements
- RVS program guidance

Although you may have completed previous training for this screening you are encouraged, in the light of the changes incorporated in this new edition, to participate in this training session to be fully conversant with new procedures, format, information and other enhancements now utilized in this screening.

TRAINING DESCRIPTION

Training on the Third Edition of 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 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 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.

This training is supported by National Earthquake Hazards Reduction Program (NEHRP) National Earthquake Technical Assistance Program (NETAP). For more information visit: <http://www.fema.gov/earthquake-training/national-earthquake-technical-assistance-program>



Rapid Observation of Vulnerability and Estimation of Risk (ROVER), Version 2 is software that automates the paper-based screening procedures taught in FEMA P-154 and ATC-20, *Procedures for Postearthquake Safety Evaluation of Buildings*, trainings. Building-specific data are entered into ROVER in the field via GPS-enabled devices, and are aggregated in a data server. ROVER, Version 2 features include automated geolocation, integrated digital photography and sketching capabilities, and automated retrieval of site-specific soil and hazard data from U.S. Geological Survey maps.

TARGET AUDIENCE

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

GENERAL INFORMATION

Time: 9:00 a.m. – 4:00 p.m.
Date: Thursday, March 19, 2015
Location: Shrewsbury Community Center, 5200 Shrewsbury Ave., Shrewsbury, MO 63119
Instructor: Michael J. Griffin, P.E., CCS Group, Inc., Chesterfield, MO
Materials: FEMA P-154 report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards* (hard copy);
FEMA P-154 CD containing a pdf of the report; and
FEMA P-154 ROVER CD, Version 2 containing the *Rapid Observation of Vulnerability and Estimation of Risk* software.

REGISTRATION

To register for these trainings, please provide your name, organization, address, phone number, and e-mail address at <http://training.dps.mo.gov/sematraining.nsf/TrainingSchedule?OpenForm> and scroll down to select the March 19th course. For questions or additional information, please contact June Simonton at SEMA at june.simonton@sema.dps.mo.gov.