



FEMA



FEMA 154 and ROVER Training

January 23, 2014 | Memphis, Tennessee

TRAINING DESCRIPTION

FEMA 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 rank 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.

Rapid Observation of Vulnerability and Estimation of Risk (ROVER) automates the paper-based screening procedures taught in FEMA 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 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 inspectors or code officials, engineers, architects, building owners, emergency managers, risk analysts, and others interested in seismic risk analysis or management.

GENERAL INFORMATION

- Time:** 8:00AM to 12:00PM
- Date:** January 23, 2014
- Location:** Shelby County Office of Preparedness
Emergency Operations Center, Room C-113
1075 Mullins Station | Memphis, TN 38134
- Instructor:** Dr. Keith Porter, University of Colorado & SPA Risk LLC
- Materials:** FEMA 154 report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards*, FEMA 154 and ROVER Software CDs

REGISTRATION

To register for this training, please do so at <http://register.cusec.org>. Please complete registration no later than January 20, 2013. Seating is limited, and on a first-come-first-serve basis. For questions about registration or the training, please contact CUSEC at cusec@cusec.org or (901) 544-3570.



This training is supported by the National Earthquake Hazards Reduction Program (NEHRP) National Earthquake Technical Assistance Program (NETAP) and the Central U.S. Earthquake Consortium (CUSEC), Federal Emergency Management Agency (FEMA), Shelby County Office of Preparedness, and Tennessee Emergency Management Agency (TEMA).