



# FEMA



## FEMA 154: Rapid Visual Screening of Buildings for Potential Seismic Hazards & ATC-20: Postearthquake Safety Evaluation of Buildings

**COURSE DESCRIPTION:** FEMA 154, *Rapid Visual Screening of Buildings for Potential Seismic Hazards*, provides training on how to identify potentially hazardous buildings before earthquakes occur. The course 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.

ATC-20, *Postearthquake Safety Evaluation of Buildings*, provides training 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). It provides examples which 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.

**TARGET AUDIENCE:** Building officials, engineers, architects, building owners, emergency managers, and other interested citizens and volunteers.

### GENERAL INFORMATION:

**Time:** 8:00 am – 5:00 pm  
**Date:** February 15, 2012  
**Location:** Everett, WA  
**Instructor:** Mike Griffin, CCS Group Inc.  
**Materials:** Course materials and/or CDs will be disseminated onsite.

**REGISTRATION:** To register for the course please visit this link and complete the form; <https://www.surveymonkey.com/s/X626TQG>.

For questions or additional information, contact James Yates at (253) 512-7049.



This training is supported by NEHRP National Earthquake Technical Assistance Program (NETAP).  
For more information visit: [http://www.fema.gov/plan/prevent/earthquake/training\\_netap.shtm](http://www.fema.gov/plan/prevent/earthquake/training_netap.shtm)



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## AGENDA:

### FEMA 154

- Introduction
- Planning and Managing Rapid Visual Screening
- Completing the Data Collection Form
- Using the RVS Procedure Results
- Example Application of Rapid Visual Screening

### ATC-20

- Introduction to ATC-20 Methodology
- Posting System
- Evaluation Procedures
- Structural Basics
  - Wood Frame Structures
  - Masonry Structures
  - Concrete Structures
  - Steel Frame Structures
- Nonstructural Elements
- Geotechnical Hazards
- Other Hazards - Wind and Flood
- Hazardous Materials
- Field Safety



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