

Post-Disaster Safety Evaluations, in cooperation with *California Emergency Management Agency (Cal EMA)* and *Applied Technology Council (ATC)* workshop focuses on ATC materials, including **ATC-20-1: Procedures for Postearthquake Safety Evaluation of Buildings** and **ATC-45: Safety Evaluation of Buildings After Wind Storms and Floods**. The procedures were developed to evaluate the safety of buildings and other infrastructure systems after earthquakes, winds, floods, and fire. The procedures and guidelines are written specifically for volunteer engineers, as well as building inspectors and municipal engineers, who would be required to make on-the-spot evaluations and decisions regarding the continued entry, use, operation, and occupancy of damaged buildings and other facilities.

TRAINING TOPICS

ATC 20/45 & Post Disaster Safety Evaluations

- A detailed presentation of ATC-20/45 with examples of damaged buildings from earthquakes and wind storms in California, Florida, Louisiana, Washington, China, Japan and Taiwan.
- How do buildings structurally react to earthquake forces and other extreme loading?
- What are green, yellow, and red placards and what do they mean?
- When and how do you assess and post a building?
- How to triage evaluations and postings after an earthquake.

Rapid Evaluation & Assessment Program

- A description of components of the REAP.
- How to use the REAP.
- Illustrate how building instrumentation and monitoring will work in conjunction with the REAP.
- Disaster scenario walkthrough

Participants completing the entire training will earn **6.0 Professional Development Hours (PDHs)** and those possessing a U.S. Professional Engineer's license will be eligible to be registered as **California Emergency Management Agency (CalEMA) Safety Assessment Program (SAP) Evaluators**.

The registration fee for this workshop is **\$100** for **ASCE** members and **\$150** for nonmembers. Registration fees include all workshop materials, and a box lunch. Workshop participants will also receive a copy of the companion pocket-sized ATC-20-1 and ATC-45 field manuals, that summarizes the postearthquake and post wind, storm and flood safety evaluation procedures in brief concise format designed for ease of use in the field. The Field Manuals areas intended to be taken into damaged areas and used by those trained in the ATC-20-1 and ATC-45 methodology.