

# Earthquake Reconnaissance Data Collection Training



Saturday, January 24, 2015@ UCLA - 8:30 am - 5:00 pm

Hosted by the EERI UCLA Student Chapter

## WORKSHOP PROGRAM (8:30 a.m. – 5:00 p.m.)

- 8:30 - 9:00  
Registration & Breakfast
- 9:00-9:10  
Welcome & Introductions (*EERI & UCLA*)
- 9:10 - 9:30  
What is reconnaissance and what role does EERI play? (*EERI*)
- 9:30 - 10:00  
Conducting damage assessments in structural engineering (*invited speaker*)
- 10:00 - 10:15  
Break
- 10:15 - 10:45  
Conducting damage assessments in geotechnical engineering (*invited speaker*)
- 10:45 - 11:15  
Conducting damage assessments in lifelines: Bridges (*invited speaker*)
- 11:15 - 12:15  
Tool Trainings: Clearinghouse Fieldnotes, EERI Batch Upload Tool, Fieldnotes (*EERI*)
- 12:15 - 12:30  
Instructions for Field Exercise
- 12:30 - 1:00  
Lunch
- 1:00 - 3:15  
Field Exercise
- 3:15 - 3:30  
Break
- 3:30 - 3:45  
Data Visualization (*EERI*)
- 3:45 - 4:00  
Upcoming exercise participation & closing (*EERI*)
- 4:00 - 5:00  
No-host Happy Hour

## ABOUT THE PROGRAM

The Earthquake Engineering Research Institute (EERI) Earthquake Reconnaissance Data Collection Training workshop will explain the role EERI plays in post-earthquake reconnaissance. It will provide a basis for involvement by workshop attendees in future reconnaissance activities after an earthquake in their area. EERI will present past reconnaissance efforts and the variety of ways members have been involved in the past, including methods of data collection and management.

This also includes discipline-specific methods of evaluation of the safety and utility of buildings and critical infrastructure following a damaging event. The day's events will include expert speakers who will provide methods for conducting field damage assessments.

Structural Engineering: David W. Coker, S.E., Structural Focus  
Geotechnical Engineering: Scott Brandenburg, Ph.D, UCLA  
Lifelines (Bridges): Ching Chao, P.E., Caltrans

Using the morning presentations, an afternoon field exercise will provide participants with the opportunity to test their reconnaissance skills and use of EERI field data collection tools around the UCLA campus. The training workshop at UCLA will serve as a model for future EERI training workshop, further standardizing data collection and reconnaissance efforts.

Contact Maggie Ortiz ([maggie@eeri.org](mailto:maggie@eeri.org)) with any questions.

## WHO SHOULD ATTEND

**Students:** Undergraduate and graduate students will take away a better understanding of the process and importance of earthquake reconnaissance.

**Young Professionals:** Young engineers who have not had opportunities to engage in earthquake reconnaissance will benefit greatly to learn important methods for making observational judgements of earthquake damage.

**Professionals:** Even more experienced engineers will benefit from the workshop. The workshop will prepare attendees to engage in EERI earthquake response across the country and world-wide. Having a working knowledge of EERI reconnaissance objectives and data collection tools and methods will prepare EERI members to participate in earthquake reconnaissance in local earthquakes as well as make them attractive candidates for EERI Reconnaissance teams abroad.

2015 Annual Meeting: March 31-April 3 Boston, Massachusetts  
Poster abstracts due January 26, 2015

**Travel grants available to assist EERI Student and Young Professional Members.**

<http://2015am.eeri-events.org/posters-travel-grants>