



## Half-Day Seminar + Field Trip

### Post-Earthquake Damage Assessment of Buildings

REGISTER  
BY NOV. 4!

*Will you be prepared to assist in assessments of buildings following an earthquake in our region?*

- Date:** November 7, 2014
- Venue:** Theatre C300, UBC Robson Square Downtown  
800 Robson Street, Vancouver
- Time:** Sign-in: 8:00am. Seminar: 8:30am to 12:30pm Field Trip: 12:30pm-1:30pm
- Presenters:** Doug Smith, P.Eng. (ATC-20 Trainer, City of Vancouver)  
Pat Ryan, P.Eng. (Deputy Chief Building Official, City of Vancouver)  
Daniel Stevens (Director of Emergency Management, City of Vancouver)  
Steven Bibby (Senior Manager of Security and Emergency Services, BC Housing)
- Registration:** Online at [www.seabc.ca/damage](http://www.seabc.ca/damage)
- Fees:** SEABC Members: \$75+tax. Non-Members: \$150+tax  
Includes refreshments and lunch. Course notes will be provided in PDF
- Webcast:** This session will not be available by live webcast.

This half-day seminar will review the role of the structural engineer in post-earthquake damage assessments following a major earthquake affecting the Vancouver region.

An overview of provincial and municipal emergency response frameworks will be provided, followed by a review of the building damage assessment process which includes the following phases:

- Windshield Inspections
- Rapid Damage Assessments (ATC-20)
- Detailed Assessments
- Engineering Assessments

Each of these phases carries its own logistical considerations that affect engineers, emergency responders, and the community at large. This seminar is not an "ATC-20 Training Course". Rather, it will review all phases listed above, with particular focus on Detailed Assessments and Engineering Assessments; structural engineers will be key participants in these more comprehensive assessment phases which apply to critical and complex buildings.

The discussion panel will address the following topics: deployment process, obligations to existing clients, legal liability and indemnity, certification, pay vs volunteerism, chain of command, and prioritization of critical infrastructure, high density housing, and business continuity concerns.



#### FIELD TRIP:

Following the seminar, attendees will take a quick walk to one of the City's nearby Disaster Staging Areas (shipping container at Nelson Park) to get a first-hand view of the City of Vancouver's emergency response resources including supplies for damage assessment teams.

Please bring weather-appropriate clothing including umbrella.