



# FEMA

## FEMA P-50 and FEMA P-50-1, *Simplified Seismic Assessment and Retrofit Guidelines for Detached, Single- Family, Wood-Frame Dwellings*

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Web-Based Training – Alaska, Oregon, and Washington

### Web-Based Training Description

This course will present training on the FEMA P-50 and P-50-1 documents, addressing seismic assessment and retrofit of detached single-family wood-frame dwellings. These documents update and expand to national basis the simplified assessment methodology and retrofit guidelines originally developed for use in the City of Los Angeles following the Northridge earthquake (ATC-50 and ATC-50-1). The simplified assessment methodology uses a six-page form to assign each dwelling a structural score based on observed dwelling characteristics, a seismic hazard score based on dwelling location and site hazards, and a resulting Seismic Performance Grade between A and D-. The assessment goes on to identify assessed items that could be retrofit and the improved grade that could result with retrofit. The companion FEMA P-50-1 retrofit guidelines document provides details on retrofit of the assessed items.

### Target Audience

The target audience for this training includes building owners, building officials, home inspectors, design professionals, home builders, emergency planners, insurers, and lenders.

### General Information

- Date & Time:** Wednesday, July 30, 9am-1pm (PT)/8am-12pm (Alaska)  
**Location:** Online (See “*How to Register*” section below)  
**Instructor:** Ed Huston, Owner and Principal, Huston Structural Engineering  
**Document:** FEMA P-50 report, *Simplified Seismic Assessment of Detached, Single-Family, Wood-Frame Dwellings* (in pdf); and FEMA P-50-1 report, *Seismic Retrofit Guidelines for Detached, Single-Family, Wood-Frame Dwellings* (in pdf). These reports can be downloaded from the following links:  
[https://www.atcouncil.org/images/files/FEMA\\_P-50.pdf](https://www.atcouncil.org/images/files/FEMA_P-50.pdf)  
[https://www.atcouncil.org/images/files/FEMA\\_P-50-1.pdf](https://www.atcouncil.org/images/files/FEMA_P-50-1.pdf)

### How to Register

To register for this web-based training, please follow this link:  
[https://us02web.zoom.us/webinar/register/WN\\_EzEbvIiDR8i8BNgivAT7gw](https://us02web.zoom.us/webinar/register/WN_EzEbvIiDR8i8BNgivAT7gw)



This web-based training is supported by National Earthquake Hazards Reduction Program (NEHRP) National Earthquake Technical Assistance Program (NETAP). For more information visit:  
<https://www.fema.gov/emergency-managers/risk-management/earthquake/training/netap>.