

List of Free Web-based Trainings in 2023

Pacific Course Sharing Zone

FEMA NETAP

General Information

INVITED STATES/TERRITORIES: Alaska, Northern Mariana Islands, Guam, Hawaii, Oregon, Washington

CERTIFICATES: Professional Development Hour (PDH) certificates will be provided to participants via email within four weeks after the training. In the case of multiple participants watching the training on the same device, a PDH certificate will only be issued to the individual who registered for the training.

HANDOUTS: Access via <https://cloud.atcouncil.org/s/ZKd9X5f3i9FoifM>

LIST OF ALL TRAININGS: Access via <https://www.atcouncil.org/netap-training-2023>

ACCESSIBILITY: Automatic closed captioning will be provided. To request 508-compliant slides, contact Chiara McKenney at netap@atcouncil.org at least two weeks before the training.

Quick Links to Register – All Courses

Date	Link	Course
7/26	REGISTER	FEMA P-749, <i>Earthquake-Resistant Design Concepts</i>
8/1	REGISTER	FEMA P-154, <i>Rapid Visual Screening of Buildings for Potential Seismic Hazards</i>
8/8	REGISTER	ATC-20, <i>Postearthquake Safety Evaluation of Buildings</i>
8/10	REGISTER	FEMA P-50/50-1, <i>Simplified Seismic Assessment & Retrofit of Wood-Frame Dwellings</i>
8/17	REGISTER	FEMA P-2055, <i>Post-disaster Building Safety Evaluation Guidance</i>
9/7	REGISTER	Building Codes – Why They Matter
9/21	REGISTER	FEMA P-1100, <i>Vulnerability-Based Seismic Assess. & Retrofit of 1- & 2-Family Dwellings</i>
9/26	REGISTER	FEMA E-74, <i>Reducing the Risks of Nonstructural Earthquake Damage</i>
10/11	REGISTER	FEMA P-232, <i>Homebuilders' Guide to Earthquake-Resistant Design & Construction</i>

FEMA P-749, Earthquake-Resistant Design Concepts

DATE: Wednesday, July 26, 2023

TIME: 4pm-6pm Pacific / 3pm-7pm Alaska / 1pm-3pm Hawaii / 9am-11am (July 27) Chamorro

REGISTER HERE: https://us02web.zoom.us/webinar/register/WN_u1DYFqzYTge6FRCEJrGFpw

DESCRIPTION: This training introduces earthquake-resistant design concepts and their context within the building regulatory process. Participants will learn earthquake hazard fundamentals, how current building codes approach earthquake risk, new concepts that could impact future seismic provisions, key design features for earthquake resistance, and seismic vulnerabilities of common structure types.

AUDIENCE: Architects, building officials, contractors, emergency managers, engineers, facility managers, risk analysts, and other interested members of the public.

INSTRUCTOR: Mike Griffin, Principal, CCS Group, Inc.

REQUESTED BY: Alaska, CNMI; Open to entire Course Sharing Zone

FEMA P-154, Rapid Visual Screening of Buildings for Potential Seismic Hazards

DATE: Tuesday, August 1, 2023

TIME: 2pm-6pm Pacific / 1pm-5pm Alaska / 11am-3pm Hawaii / 7am-11am (Aug 2) Chamorro

REGISTER HERE: https://us02web.zoom.us/webinar/register/WN_zmdB7oDkS_2GWUp5Be3y3A

DESCRIPTION: This training covers methods and processes that enable personnel to rapidly identify, inventory, and screen 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.

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

INSTRUCTOR: Morgan Griffith, Principal Engineer, Exponent

REQUESTED BY: Washington, Hawaii, CNMI; *Open to entire Course Sharing Zone*

ATC-20, Postearthquake Safety Evaluation of Buildings

DATE: Tuesday, August 8, 2023

TIME: 1pm-5pm Pacific / 12pm-4pm Alaska / 10am-2pm Hawaii / 6am-10am (Aug 9) Chamorro

REGISTER HERE: https://us02web.zoom.us/webinar/register/WN_M13Htyh5St2cpmt0NingUA

DESCRIPTION: This training provides instruction 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). The web-based training provides examples that 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.

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

INSTRUCTOR: Morgan Griffith, Principal Engineer, Exponent

REQUESTED BY: Oregon, Washington, Hawaii; *Open to entire Course Sharing Zone*

FEMA P-50 & P-50-1, Simplified Seismic Assessment and Retrofit Guidelines of Detached, Single-Family, Wood-Frame Dwellings

DATE: Thursday, August 10, 2023

TIME: 1pm-5pm Pacific / 12pm-4pm Alaska / 10am-2pm Hawaii / 6am-10am (Aug 11) Chamorro

REGISTER HERE: https://us02web.zoom.us/webinar/register/WN_h_2jJQJER4q1V-MHgHF8IA

DESCRIPTION: This training guides the participant through a simplified procedure for seismic assessment for detached single-family wood-frame dwellings and provides guidance on how to retrofit the most common seismic deficiencies.

AUDIENCE: Building owners, building officials, home inspectors, design professionals, home builders, emergency planners, insurers, and lenders.

INSTRUCTOR: Kelly Cobeen, Principal, Wiss, Janney, Elstner Associates, Inc

REQUESTED BY: California, Alaska; *Open to entire Course Sharing Zone*

FEMA P-2055, Post-disaster Building Safety Evaluation Guidance

DATE: Thursday, August 17, 2023

TIME: 2pm-6pm Pacific / 1pm-5pm Alaska / 11am-3pm Hawaii / 7am-11am (Aug 18) Chamorro

REGISTER HERE: https://us02web.zoom.us/webinar/register/WN_k8j0QoxdRyuJIGzk0CfD3g

DESCRIPTION: This training provides an overview of existing procedures for post-disaster building safety evaluations and issues related to structural safety and habitability. Guidance is also presented on planning, managing, and implementing safety evaluation programs before and after a disaster incident.

AUDIENCE: Architects, engineers, and building officials directly involved in post-disaster building safety evaluation. Also, policy makers, emergency managers, and health officials who are involved in management of the post-disaster evaluation process.

INSTRUCTOR: Ed Huston, Owner and Principal, Huston Structural Engineering

REQUESTED BY: Oregon, Washington, Guam; *Open to entire Course Sharing Zone*

Building Codes – Why They Matter

DATE: Thursday, September 7, 2023

TIME: 4pm-6pm Pacific / 3pm-5pm Alaska / 1pm-3pm Hawaii / 9am-11am (Sep 8) Chamorro

REGISTER HERE: https://us02web.zoom.us/webinar/register/WN_jmDB-Bz4QdWcLRtZVdzQ2A

DESCRIPTION: This training provides an overview of the building code as it pertains to earthquake effects on buildings. It underlines the importance of code adoption and enforcement.

AUDIENCE: Building officials, building contractors, decision makers, emergency managers, and other stakeholders interested in seismic safety. (Note: Engineers and building professionals who are interested in communicating the importance of building codes to decision makers may also find this training useful.)

INSTRUCTOR: Mike Griffin, Principal, CCS Group, Inc.

REQUESTED BY: Alaska, CNMI; *Open to entire Course Sharing Zone*

FEMA P-1100, Vulnerability-Based Seismic Assessment and Retrofit of One- and Two-Family Dwellings

DATE: Thursday, September 21, 2023

TIME: 1pm-5pm Pacific / 12pm-4pm Alaska / 10am-2pm Hawaii / 6am-10am (Sep 22) Chamorro

REGISTER HERE: https://us02web.zoom.us/webinar/register/WN_A9M3dWxWQ4GIFQjxgX5bzQ

DESCRIPTION: This free, web-based training provides a methodology to identify and retrofit specific vulnerabilities in wood light-frame dwellings. Wood light-frame residential buildings represent the most common type of dwelling in the United States. Although this type of construction in one- and two-family configurations has generally provided good performance in past earthquakes, there are well-known vulnerabilities that have led to large numbers of homes being rendered uninhabitable or even unrepairable following an earthquake. Improved seismic design and seismic retrofitting of these structures will increase the probability that homes are available to provide shelter immediately following moderate to large seismic events.

AUDIENCE: Building officials, architects, contractors, engineers, and homeowners.

INSTRUCTOR: Vikki Bourcier, Structural Engineer

REQUESTED BY: Oregon; Open to entire Course Sharing Zone

FEMA E-74, Reducing the Risks of Nonstructural Earthquake Damage

DATE: Tuesday, September 26, 2023

TIME: 11am–3pm Pacific / 10am-2pm Alaska / 8am-12pm Hawaii / 4am-8am (Sep 27) Chamorro

REGISTER HERE: https://us02web.zoom.us/webinar/register/WN_guYqyf52Roa1gWmkB2zM1Q

DESCRIPTION: This training describes the sources and types of nonstructural earthquake damage and the effective methods and guidance that individuals and organizations can use to take action now before the next earthquake and minimize future injuries and property losses from nonstructural risks. Nonstructural components of buildings include all elements that are not part of the structural system; that is, the architectural, mechanical, electrical, and plumbing systems, as well as furniture, fixtures, equipment, and other contents.

AUDIENCE: Property owners, facility managers, local officials, engineers, architects, small businesses, and emergency managers.

INSTRUCTOR: Keith Porter, Principal, SPA Risk LLC

REQUESTED BY: Hawaii; Open to entire Course Sharing Zone

FEMA P-232, Homebuilders' Guide to Earthquake-Resistant Design and Construction

DATE: Wednesday, October 11, 2023

TIME: 4pm-8pm Pacific / 3pm-7pm Alaska / 1pm-5pm Hawaii / 9am-1pm (Oct 12) Chamorro

REGISTER HERE: https://us02web.zoom.us/webinar/register/WN_HSOKLpRx-U-rFsZWv0xA

DESCRIPTION: This training provides seismic design and construction guidance for one- and two-family houses in a manner that can be utilized by homebuilders, knowledgeable homeowners, and other non-engineers.

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

INSTRUCTOR: Morgan Griffith, Principal Engineer, Exponent

REQUESTED BY: Guam; Open to entire Course Sharing Zone

About NETAP

These trainings are supported by the National Earthquake Hazards Reduction Program (NEHRP) National Earthquake Technical Assistance Program (NETAP) and delivered by the Applied Technology Council (ATC).

To register for other trainings offered in 2023, visit: <https://www.atcouncil.org/netap-training-2023>.

For general information about NETAP, visit: <https://www.fema.gov/emergency-managers/risk-management/earthquake/training/netap>.

Contact Chiara McKenney at netap@atcouncil.org with questions.