

# FEMA REGION X TRAINING OPPORTUNITY



# FEMA

## Course: L0174

## Hazards U.S. Multi-Hazard (Hazus-MH) Earthquake Model

### Date:

April 24-27, 2017

### Location:

Olympia, WA

### Course Description:

This course builds on the information provided in the E0313 Basic Hazus course by providing an in-depth exploration of the Hazus Earthquake model. An overview of the earthquake related inventory components is provided. An emphasis is placed on techniques for defining an earthquake hazard, adjusting parameters for identifying economic and social impacts from earthquakes and interpreting and applying model outputs. Best practices for using the earthquake model to support emergency management are identified. Course instruction includes lecture, demonstrations and multiple hands-on individual and group activities.

### Course Objectives:

- Explain the key components of the methodology employed in the Hazus-MH earthquake model for defining the earthquake hazard, as well as, options that users have for refining the earthquake hazard definition.
- Identify the key parameters that influence the social and economic impact assessments generated by the earthquake model.
- Identify/apply best practices for most effectively using the earthquake model to support emergency management.

### Target Audience:

This course is for Federal, state, local, and tribal emergency managers, as well as, GIS specialists, planners, and others who support flood mitigation and response activities and who wish to expand their Hazus-MH skills beyond those developed in the E/L0313, Basic Hazus-MH course.

### Funding:

Tuition is free for those accepted.

### Prerequisites:

Required prerequisites include E/L0313, Basic Hazus, and skills equivalent to those taught in E/L0190, ArcGIS for Emergency Managers. **Students must bring a laptop loaded with ArcGIS 10.4 and Hazus 3.2. Download the latest version of Hazus here; <http://msc.fema.gov/portal/resources/hazus>.**

### Course Coordinator:

**Lisa Davis**

FEMA Region X

Training Technician

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### Accommodation Requests:

The Federal Emergency Management Agency (FEMA), Region X is committed to providing access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation, contact Lisa Davis at least ten working days in advance at the above contact info.

**To apply: Please see the next page for the “Application Procedures and Points of Contact”**

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## Application Procedures and Points of Contact

### To Apply:

**FEMA Form 119-25-1 Application:**

<http://training.fema.gov/Apply/119-25-1.pdf>

**Applicants will need to put their Student Identification (SID) in place of their social security number.** If you do not yet have a SID, just follow these three simple steps to obtain one:

**Step 1:** To register, go to: <https://cdp.dhs.gov/femasid/>.

**Step 2:** Click on the “Register for a FEMA SID” button in the middle of the screen.

**Step 3:** Follow the instructions and provide the necessary information to create your account.

Enrollment confirmations will be sent approximately 30-days prior to the course via email.

### Federal Employees and Tribal Partners:

Your supervisor must sign a completed [FEMA Form 119-25-1](#) application and then forward to [FEMA-R10-Training@fema.dhs.gov](mailto:FEMA-R10-Training@fema.dhs.gov).

### State and Local Attendees:

All FEMA Form 119-25-1 applications must be submitted through the appropriate state training officer (listed below), who will then forward the form to the FEMA Region X Training Team.

#### Alaska

**Eva Edwards**

State Training Officer, Acting

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#### Idaho

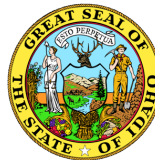
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Chief

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#### Oregon

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State Training Officer

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#### Washington

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