

# EMERGENCY MANAGEMENT INSTITUTE

NATIONAL EMERGENCY TRAINING CENTER • EMMITSBURG, MD 21727



FEMA

## Course: *E0174 Hazus-MH for Earthquake*

### Course Dates:

November 16–19, 2015

### Travel Dates:

November 15 and November 20, 2015

### Course Length:

This course is 4 days in length.

### Location:

Emergency Management Institute (EMI)  
National Emergency Training Center (NETC)  
Emmitsburg, Maryland

### 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 lectures, demonstrations and multiple hands-on individual and group activities.

### Course Goals:

Upon completion of this course, participants should be able to:

1. 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.
2. Identify the key parameters that influence the social and economic impact assessments generated by the earthquake model.
3. Identify and apply best practices for most effectively using the earthquake model to support emergency management.

### Prerequisites:

E0313, Basic Hazus-MH and skills equivalent to those taught in E0190, ArcGIS for Emergency Managers.

### Continuing Education Units (CEU's):

EMI awards 2.8 CEUs for completion of this course.

### Target Audience:

Federal, state, local, and tribal emergency managers and 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 E313 Basic Hazus-MH course.

### To Apply:

Complete a FEMA Form 119-25-1, General Admissions Application, with student signature and signature of supervisor or sponsoring agency official. Submit the application no later than 4 weeks prior to the start of the course. Mail, scan, or fax the application to:

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NETC Admissions Office (Room I-216)  
National Emergency Training Center  
16825 South Seton Avenue  
Emmitsburg, MD 21727-8998  
Phone: (301) 447-1035 Fax: (301) 447-1658  
Email: [netcadmissions@fema.dhs.gov](mailto:netcadmissions@fema.dhs.gov)

Scan the QR Code, or click the link to get information on how to apply for EMI courses:



<http://training.fema.gov/Apply/>

Note to RTMs and RPMs and STOs: The FEMA Form 119-25-1 must be received by NETC Admissions – **no later than October 5, 2015.**

### Application Review:

In order to be evaluated for admission into this course, block #16 on the application form must be completed. Please refer to the student selection criteria listed below and indicate how you meet the requirements based upon your position and experience.

Upon acceptance into the course, NETC Admissions will mail out an Acceptance Letter/Welcome Package outlining travel information, NETC shuttle services, lodging and other logistics. Scan the QR Code, or click the link for a PDF copy of the NETC Welcome Package online:



[http://training.fema.gov/EMIWeb/downloads/NETC\\_Welcome\\_Package.pdf](http://training.fema.gov/EMIWeb/downloads/NETC_Welcome_Package.pdf)

Lodging is provided for course participants on the NETC campus. Participants staying overnight on campus are required to purchase a meal ticket for the duration of the training activity. Notify the NETC Transportation Office at least 2 weeks prior to the course date to reserve a seat. Call (301) 447-1048, ext. 1113, or email [FEMA-netc-housing@fema.dhs.gov](mailto:FEMA-netc-housing@fema.dhs.gov).

### Travel Authorizations:

PFT and CORE employees must ensure their travel authorization (TA) is completed through Concur Government Edition (CGE) Travel System for course offerings.

All Federal travelers must have an approved TA prior to travel. A copy of the TA must be presented upon arrival. No exceptions are made to the NETC policy.

### Notice to Applicants for EMI courses:

Individuals applying for EMI classes will be required to register using the FEMA Student Identification (SID) number. This number will be used in place of the Social Security Number (SSN) on your application form. **The SSN is no longer required.**

### How do I obtain my FEMA SID number?

- Step 1: To register, go to <https://cdp.dhs.gov/femasid>
- Step 2: Click on the “Need a FEMA SID” button on the right side of the screen.
- Step 3: Follow the instructions and provide the necessary information to create your account.
- Step 4: You will receive an email with your SID number. You should save this number in a secure location.

### EMI Point of Contact:

For additional information contact the course manager, Jordan T. Manos, P.E., S.E., PMP at (301) 447-1356 or by email at [Jordan.Manos@fema.dhs.gov](mailto:Jordan.Manos@fema.dhs.gov).

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