

# EMERGENCY MANAGEMENT INSTITUTE

NATIONAL EMERGENCY TRAINING CENTER • EMMITSBURG, MD 21727



FEMA

## Course: *E0313 Basic Hazus-MH*

### Course Dates:

April 13-16, 2015

### Travel Dates:

April 12 and April 17, 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 offers a hands-on introduction to Hazus-MH, FEMA's GIS-based tool for analyzing the social and economic impacts from natural hazards including hurricanes, earthquakes and floods (riverine and coastal). Impact assessments for each hazard include shelter needs, short and long term economic losses, and debris estimations. Hazus-MH can also assess impacts on transportation and utilities, agricultural losses, and vehicle losses for selected hazards. Topics addressed in this course include overviews of building and population inventory components; options for describing the magnitude and extent of modeled hazards; loss estimation methodologies; and options for creating maps, tables, and reports that describe hazard impacts. Particular emphasis is given to exploring and interpreting the outputs that Hazus-MH can generate as well as discussing how that information can be applied to support emergency management needs and goals. All activities are based on Hazus-MH provided inputs.

### Course Goals:

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

1. Learn the types of information that Hazus-MH can produce as well as how that information relates to emergency management.
2. Know how to navigate the Hazus-MH software user interface.
3. Develop a basic understanding of how Hazus generates information about exposure and losses related to flood, earthquake and hurricane hazards.

### Prerequisites:

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 specialists, researchers, insurance companies, utilities, and others who are involved with or interested in understanding the social and economic impacts associated with floods, hurricanes, or earthquakes.

### 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 6 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 March 2, 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 Target Audience section referenced above 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.

### What do I do with this new SID number I have been assigned?

The SID number is used in place of the SSN on your General Admissions Application (FEMA Form 119-25-1).

### 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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