

# EMERGENCY MANAGEMENT INSTITUTE

NATIONAL EMERGENCY TRAINING CENTER • EMMITSBURG, MD 21727



FEMA

## Course: *E386 Residential Coastal Construction*

**Dates:** August 13-16, 2012

**Travel Dates:**

Travel days are August 12 and August 17, 2012.

**Course Length:**

This course is 4 days in length.

**Course Description:**

The Residential Coastal Construction course is designed to train participants on FEMA's Coastal Construction Manual. This manual is the primary, state-of-the-art reference for planning, designing, and constructing residential structures in the various coastal environments.

**Course Goals:**

- Understand the basic principles of designing in coastal environment:
  - ✓ Premise
  - ✓ Framework
  - ✓ Constraints
  - ✓ Defining a "successful" building
- Understand the differences in design requirements and expected performance between coastal construction and inland construction.
- Understand the significance and "lessons" of historical events at the coast.
- Describe minimum requirements and "best practices" for coastal construction.
- Identify coastal hazards at potential building sites and identify where to obtain pertinent information.

- Understand how to calculate design loads and conditions.
- Understand the continuous load path principle.
- Identify siting, design, construction, and maintenance defects that result in vulnerable buildings.

The last day of the course will include a case study scenario where participants will work in groups. The intent of the exercise is for the groups to work through a case study scenario using the concepts and information covered during the course.

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

The Emergency Management Institute (EMI) awards 2.8 CEUs for completion of this course.

**Continuing Education Credits (CEC's):**

The Association of State Floodplain Managers (ASFPM) awards 12 CECs (core) for completion of this course.

**Target Audience:**

The target audience is engineers, architects, and building code officials. Floodplain management, hazard mitigation, planning, and building officials with building science knowledge may also apply.

**Location:**

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

# TRAINING OPPORTUNITY



**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 through the State Emergency Management Training office which will mail, scan, or fax it to:

NETC Admissions Office (Room I-216)  
National Emergency Training Center  
16825 South Seton Avenue  
Emmitsburg, MD 21737-8998  
Phone: (301) 447-1035  
Fax: (301) 447-1658  
Email: [netc-admissions@fema.dhs.gov](mailto:netc-admissions@fema.dhs.gov)

FEMA Regional employees should submit their application to their Regional Training Manager (RTM). Tribal representatives can submit their application directly to NETC Admissions Office.

The FEMA Form 119-25-1 must be received by NETC Admissions – no later than July 31, 2012.

**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. 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) 447-1048/1113, or email to [netc-housing@fema.dhs.gov](mailto:netc-housing@fema.dhs.gov).

**Selection Criteria:**

The audience includes engineers, architects, and building code officials. Floodplain management, hazard mitigation, planning, and building officials with building science knowledge may also apply.

**Notice to Applicants for FY 2013 courses:**

Beginning on April 15, 2012, individuals applying for EMI classes will be required to register using the Training Administration Systems (CTAS) and obtain a Student Identification (SID) number. This number will be used in place of the Social Security Number (SSN) on your application form. **The SSN number is no longer required.**

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

- Step 1: To register, go to <https://cdp.dhs.gov/elms>
- Step 2: Click on the “Create Account” button on the left side of the screen.
- Step 3: Follow the instructions and provide the necessary information to create your account.

**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). When you enter and use the system you will be able to print off and retain a student identification card.

**EMI Point of Contact:**

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

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