



Course Description

PER-378: Coastal Hazard and Vulnerability Assessment Tools

Description:

This performance-level course will provide a detailed overview of the tools and technologies available to assess the hazards and the vulnerabilities of coastal communities. These tools include real-time data collection tools and technologies, as well as web-based assessment tools, such as NOAA, FEMA and other publicly available mapping and planning programs. The course will include a guided exercise in which participants will learn to apply these tools in conducting a preliminary vulnerability assessment in their coastal communities. This course will build on the first course of the series, Coastal Hazards Awareness, by supplementing the awareness knowledge with tools and skills for practical use.

Course Objectives:

- Determine the scope and approach for assessing coastal hazards and vulnerability in their coastal communities;
- Identify data needs and sources for assessing coastal hazard and vulnerability in their community; and
- Summarize hazard vulnerability in their coastal community.

Prerequisites (Must be the most recent version):

- Required: AWR-379: Coastal Hazard Awareness. In lieu of AWR-379, participants should have experience working with and planning for coastal hazards.
- Recommended: Participants have a basic knowledge of Geographic Information Systems (GIS) and have experience working with data and hazard analysis.

Length: 8 Hours

Target Audience:

The target audience for this course are emergency managers, coastal zone managers, federal/state/tribal/territorial/local government planners, developers, private sector planners and engineers, public utilities, and public works.

Cost:

There is no fee for the course. Other cost considerations are detailed in each LMS course offering.

Signup Details:

Register through the New York State DHSES Learning Management System. Access the LMS through the link on the calendar webpage.