



FEMA Retrofitting Flood-Prone Residential Buildings Course

FEMA Region II

26 Federal Plaza – 6th Fl., Conf. Room H | New York, NY 10007

February 27-28, 2017 | 8:00 AM to 5:00 PM

This 2-day field course on *FEMA P-259: Engineering Principles and Practices for Retrofitting Flood-prone Residential Structures* is designed to help architects, engineers, and building officials gain an understanding of the engineering design, technical feasibility, and cost-effectiveness for residential flood retrofitting projects. The course will specifically address flood scenarios relevant to the risks and building stock of the greater New York/New Jersey region. Topics will cover such areas as the analysis of flood-related hazards; considerations regarding site-specific characteristics; and the design of elevation, relocation, floodwall, levee, wet floodproofing, and dry floodproofing projects. Such topics will be bolstered by lessons from Hurricane Sandy and how those lessons can be applied to waterfront communities, mixed-use developments, and denser urban housing. The goal is provide those involved in planning and implementing projects with a greater understanding of hazard impacts and the best practices recommended by FEMA.

Through a variety of lecture, interactive, and problem-solving activities, participants will learn a comprehensive approach to retrofit design, from understanding regulatory requirements, to selecting innovative policy or design solutions. By the end of the course, participants should be familiar with the array of feasible retrofitting options and prepared to address the unique risks facing flood-prone residential buildings in the New York/New Jersey area.

The course will be taught by **Scott Tezak, PE (Atkins North America)** and **John Squerciati, PE (Dewberry)**. Both instructors were involved in the development of FEMA P-259 and have taught numerous post-disaster/hazard mitigation courses from FEMA: including the 4-day FEMA P-259 instructional course at FEMA's Emergency Management Institute in Emmitsburg, MD.

Seats are limited | Register with Katrina.hill@fema.dhs.gov

Full 2-day course attendance is worth 6 PDH | Anticipate airport-level building security

Course offered free-of-charge | Course materials will be digital | Laptops recommended



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