



Hazus Training

The STARR Hazus training cadre currently includes four trained and skilled FEMA authorized Hazus professionals. Our mobile classroom—loaded with the latest Hazus software and course materials—can offer training where you need it, when you need it.



We bring our mobile classroom to a location convenient for you—anytime, on your schedule.

Official, FEMA-accredited Emergency Management Institute Hazus courses provide in-depth instruction and hands-on computer exercises to develop the skills to effectively model the community impacts of natural hazards using Hazus-MH.

Course offerings

Basic Hazus-MH

- Understand the multi-hazard applications of Hazus and how they assist mitigation planning, response and recovery, and risk management for earthquake, flood, and hurricane wind hazards in a complete “Level 1” analysis
- Explore the mechanisms used to analyze losses from Hazus-generated maps, tables, and reports and how to interpret the information from these outputs

Hazus-MH for Floods

- Learn the processes used to define a flood hazard and to generate social and economic loss estimations
- Become familiar with the many options Hazus provides for generating a flood depth grid, including those generated by other modeling tools (such as HEC-RAS) or obtained from products generated by FEMA’s Risk MAP Program

Comprehensive Data Management for Hazus-MH

- Take your Hazus analysis to the next level by learning how to use your local data to update the default site-specific and aggregate Hazus data inventory
- Discover the inventory elements that have the greatest impact on the estimation of losses for flood, earthquake, and hurricane events

Who should attend?

- Up to 24 students per class
- Federal, state, local, and tribal emergency managers, GIS specialists, planners, regional personnel, and consultants responsible for mitigation and response activities
- Anyone involved with FEMA Risk MAP projects

What are the course benefits?

- Planners will learn how to leverage Hazus in the mitigation planning process.
- GIS analysts will learn how to use the models to produce defensible loss estimations.
- Floodplain managers will learn how to identify high-risk flooding areas.
- Top level decision-makers will learn precisely what data is in a Hazus report.

Why is Hazus-MH important?

- It provides local, state, and regional officials with the ability to perform a variety of loss estimation analysis.
- Hazus is a fundamental element in FEMA’s new Risk MAP products: the Flood Risk Map, Flood Risk Report, and Flood Risk Database.
- It aligns with Risk MAP goals of identifying, assessing, communicating, and mitigating risk.

For more information, please contact:
Eric Coughlin with STARR | 919.431.5292 | eric.coughlin@atkinsglobal.com