



FEMA



# Hazus Modernization Overview

## User Community Informs Key Upgrades

FEMA is investing in Hazus to better support Risk MAP's goals to improve model and data quality, increase community risk understanding and communication, and encourage risk prevention. The Hazus community supported this effort with input through various venues, including the annual Hazus Conference. Modernization will provide:

- Improved loss estimation
- Easier adoption by third parties for risk analysis
- Refreshed and modernized technical architecture

## Improved Capabilities, Stability, and Performance

Upcoming Hazus Modernization improvements, which will be implemented in a series of tasks through 2014 and 2015, will align Hazus with other FEMA tools and data, improve customization capabilities, and enhance the technical framework to prepare for future needs. Updates will include:

- **Capability Enhancements** – Aligns Hazus with FEMA's Benefit Cost Analysis tool and National Flood Insurance Program jurisdiction data; aggregates study regions for custom jurisdiction levels; estimates flood losses based on land-use data integrated with General Building Stock distribution across census areas for improved accuracy
- **ArcGIS 10.2 Compatibility** – Updates Hazus software to be able to run on Esri© ArcGIS 10.2, increasing accessibility of the tool
- **Updated Building Stock and Census Data** – Updates to the General Building Stock data will reflect the latest available building and facility occupancy types for both census tract (earthquake and wind models) and block (flood model)
- **Modernized Architecture** – Upgrades the code base to enable adaptability and flexibility for future development
- **Updated Training** – Updates to select Hazus training courses

### Learn more about Hazus

[www.fema.gov/hazus](http://www.fema.gov/hazus)

To download Hazus, visit

[msc.fema.gov](http://msc.fema.gov)

### Questions?

#### Contact the Hazus Help Desk

[helpdesk@support.hazus.us](mailto:helpdesk@support.hazus.us)

Hazus users can access the Help Desk website by visiting [www.support.hazus.us](http://www.support.hazus.us)

### Join the Hazus Community

Connect with your local User Group [www.fema.gov/hazus-user-groups](http://www.fema.gov/hazus-user-groups)

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**RiskMAP**

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