

# Earthquake ShakeMap Model Added to FEMA's Hazus Tool, Enhancing Usability and Functionality

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On June 4, FEMA released [Hazus 7.2](#), an upgraded version of its hazard risk assessment desktop software which is used by emergency managers, planners and researchers across the country.

Hazus 7.2 provides emergency managers, planners and researchers with enhanced risk assessment information and modeling for communities in the United States. In addition to floods and earthquakes, users can now estimate the real-time impacts of earthquakes in ArcGIS Pro's software environment.

Building on the strong foundations of Hazus 7.0 and 7.1 through ArcGIS Pro's functionality enhancements, 7.2 adds the U.S. Geological Survey's Earthquake Hazards Program's ShakeMap model, enhances the result export feature and optimizes user performance. It provides a more enhanced, streamlined application that is designed to save time, increase accessibility and improve data accuracy.

ShakeMap is a resource tool that collects seismic data in real-time and can provide potential impacts of catastrophic events using U.S. Geological Survey earthquake modeling scenarios. The ShakeMap model expands natural hazard risk modeling capabilities for emergency managers, planners and researchers for seismic events.

Hazus is a Geographic Information System-based risk assessment desktop software that provides essential hazard risk assessment information and modeling for communities in the United States.

The earthquake capability in Hazus 7.2 bridges the gap left behind by Hazus 6.1. FEMA no longer supports Hazus 6.1 due to the retirement of its supporting system, ArcGIS Desktop, in March 2026. FEMA encourages users to download Hazus 7.2.

Download Hazus 7.2 by visiting the [FEMA Flood Map Service Center](#). Read the [Hazus Release Notes](#) on FEMA.gov for more information about this Hazus release.

Contact the Hazus Help Desk at [fema-hazus-support@fema.dhs.gov](mailto:fema-hazus-support@fema.dhs.gov) with any questions. Stay informed about the latest developments by [signing up for our email updates](#).



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