

HAZUS TRAINING

L172 HAZUS Multi-Hazards for Flood Course

Offered by Kansas Division of Emergency Management,
Heartland HAZUS User Group (HHUG) and FEMA Region 7



FEMA

February 1-5, 2010

Fort Hays State University
600 Park Street
Hays, KS 67601

(Start time: Monday at 1 p.m., Tuesday 8:30 a.m.; End time: Friday at 12 p.m. CST)

Course Description:

This course provides in-depth instruction and hands-on exercises that develop the skills needed to effectively use HAZUS-MH for modeling the impacts on communities from riverine and coastal flooding. The focus of the course is on the processes that are used to define a flood hazard and to generate social and economic loss estimations. However, the course also provides a review of the methodologies used to compile the extensive out-of-the-box inventory that is provided with HAZUS and it provides an introduction to the techniques for updating the inventory, which is largely composed of best available national data sources, with more accurate aggregate and site specific local data.

Participants will become familiar with the many options that HAZUS-MH provides for generating a flood depth grid. These range from having HAZUS-MH define a flood hazard with limited data to providing HAZUS-MH with detailed information about a flood hazard produced by other modeling tools or obtained from sources such as the products generated by the FEMA Map Modernization Program. Following discussion of the hazard development process, the course will explore mechanisms used to analyze losses as well as the multitude of maps, tables, and reports that HAZUS-MH generates with a focus on how to interpret the wealth of information provided in these outputs. Finally, students will be provided with an opportunity to complete a group exercise that enables them to apply the valuable skills learned in class.

Who Should Attend:

FEMA, state and local government employees involved with or interested in planning for emergencies associated with flooding, earthquake or hurricane events. This includes, researchers, insurance and utility companies.

Maximum: 30 students. Minimum: 20 students.

To receive course credit from the Emergency Management Training Institute, the General Admissions Application (75-5) form will be completed the first-day of class.

To enroll, please follow the link below:

<https://ks.train.org/DesktopModules/eLearning/CourseDetails/CourseDetailsForm.aspx?tabid=96&courseid=1020159>

- If you have never used the KS-TRAIN website before you will need to register at <https://ks.train.org>
- If you have any problems with the KS-TRAIN website, please contact **Isabel Herrera Schultes** at isabel.herrera@tag.ks.gov or 785-274-1412.

Prerequisites:

A basic familiarity with ArcGIS, and an understanding of basic concepts related to emergency management is helpful.

Recommended:

ESRI online GIS tutorial and Introduction to ArcView 9.X.

For More Information or Course Questions Contact:

Sue Evers, Course Manager at (816) 283–7005, or Rodney Odom at (816) 283–7965, or class trainers: Michael Eddings at (620) 794-6203 and Shanna Michael at (816) 502-9420 ext 4970.