The State of the HAZUS Education Program

Kevin Mickey
The Polis Center
Classroom-Based Courses

- E190: ArcGIS for Emergency Managers
- E313: Basic HAZUS
- E170: HAZUS for Hurricanes
- E172: HAZUS for Floods
- E174: HAZUS For Earthquakes
- E179: HAZUS for Disaster Operations
- E296: Using HAZUS for Risk Assessment
- E317: Comprehensive Data Management for HAZUS
### Participation Rates (FY2009-10)

<table>
<thead>
<tr>
<th>Course</th>
<th>EMI (Classes / Students)</th>
<th>Field (Classes / Students)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E170</td>
<td>2 / 22</td>
<td>2 / 23</td>
</tr>
<tr>
<td>E172</td>
<td>4 / 83</td>
<td>5 / 87</td>
</tr>
<tr>
<td>E174</td>
<td>2 / 31</td>
<td>1 / 15</td>
</tr>
<tr>
<td>E190</td>
<td>2 / 77</td>
<td>1 / 13</td>
</tr>
<tr>
<td>E296</td>
<td>2 / 38</td>
<td>2 / 44</td>
</tr>
<tr>
<td>E313</td>
<td>6 / 143</td>
<td>8 / 173</td>
</tr>
<tr>
<td>E317</td>
<td>3 / 69</td>
<td>6 / 78</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>21 classes</strong></td>
<td><strong>25 classes</strong></td>
</tr>
<tr>
<td></td>
<td><strong>463 students</strong></td>
<td><strong>433 students</strong></td>
</tr>
</tbody>
</table>
HAZUS-MH Curriculum Program – FY10

Individual Preference (one course must be completed)

Advanced Courses
- E179 Application of HAZUS-MH For Disaster Operations
- E296 Application of HAZUS-MH For Risk Assessment*
- E176 HAZUS-MH For Floodplain Mgmt

Intermediate Courses
- E/L170** HAZUS-MH For Hurricane
- E/L172** HAZUS-MH For Flood
- E/L174** HAZUS-MH For Earthquake
- E317 Comprehensive Data Management

Individual Preference (one course must be completed)

Prerequisite Courses
- E/L313 Basic HAZUS-MH
- E/L190 ArcGIS for Emergency Managers***

NOTE 3: ***Experiential base in GIS may suffice for prerequisite requirements
HAZUS Trained Professional
Certificates Distributed
HAZUS Trained Practitioner Certificates Distributed
## Virtual Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZUS-MH for Decision Makers</td>
<td>3,925</td>
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<tr>
<td>Introduction to the HAZUS MH Comprehensive Data Management System</td>
<td>105</td>
</tr>
<tr>
<td>HAZUS MH Overview and Installation</td>
<td>579</td>
</tr>
<tr>
<td>Integrating User Supplied Hazard Data into the HAZUS MH Flood Model</td>
<td>381</td>
</tr>
<tr>
<td>HAZUS MH Flood Model Output and Applications</td>
<td>582</td>
</tr>
<tr>
<td>Introduction to Using HAZUS MH for Hurricane Loss Estimation</td>
<td>411</td>
</tr>
<tr>
<td>Introduction to Using HAZUS MH for Earthquake Loss Estimation</td>
<td>414</td>
</tr>
<tr>
<td>Introduction to Using HAZUS MH to Assess Losses from a Riverine Flood Hazard</td>
<td>670</td>
</tr>
</tbody>
</table>
Podcasts

• Objective
  – Short – 5 to 15 minutes
  – Focused on a specific topic
  – Provide means to quickly distribute information about important developments to the HAZUS community

• Potential
  – Currently used on limited basis by FEMA, but under consideration for expansion in the future
What does the future hold?

• E176: HAZUS for Floodplain Management
• Other specialized ‘practitioner’ courses
• Virtual equivalent of classroom courses
• More podcasts
• More field delivery
Come to the Training session!

• Tuesday – 1 to 2:15 – ‘All you ever wanted to know about HAZUS Education Program’

• Topics
  – Details on current educational offerings
  – Plans for future enhancements to the education program
  – Opportunity for you to provide your input to help set the direction for the future of HAZUS education