TRAINING FOR AND OUTREACH TOWARD HAZARD MITIGATION

ACTIVITY: 2010 - 2012

Appendix E-7-1

Enhanced Portion: Commitment to a Comprehensive Mitigation Program

Commonwealth of Kentucky Enhanced Hazard Mitigation Plan: 2013 Version
Kentucky Emergency Management (KYEM)
University of Kentucky, Martin School of Public Policy and Administration
Hazard Mitigation Grants Program (UK-HMGP)

Though the Commonwealth of Kentucky’s planning cycle culminating in this 2013 update of its hazard mitigation plan included 2013, it was the years 2010 – 2012 that saw training and outreach exclusive from the state plan update formalized. Thus, to be considered for 2013: The Commonwealth of Kentucky’s Applicant Agent Certification Course continued; the Kentucky Association of Mitigation Managers (KAMM) conference was held the week of August 25 – August 30, 2013; and throughout 2013 until early May stakeholder meetings conducted at Area Development Districts (ADDs) and focused on what would be the Commonwealth of Kentucky’s hazard mitigation plan write-up continued. At the time of this writing, further outreach is being conducted focused on the reintroduction of FEMA’s Pre-Disaster Mitigation (PDM) and Flood Mitigation Assistance (FMA) grant programs.

Finally, the list presented below is not exhaustive. It is, ultimately, the result of self-reporting.
<table>
<thead>
<tr>
<th>Regarding...</th>
<th>Date of Training</th>
<th>Training Occurred During/In...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicant Agent Certification Course</td>
<td>2010 (4 Weeklong Courses Held Throughout)</td>
<td>Frankfort, KY</td>
</tr>
<tr>
<td>Floodplain Management 101</td>
<td>April 2010</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference</td>
</tr>
<tr>
<td>Elevation Certificate Workshop</td>
<td>April 2010</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference</td>
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<tr>
<td>Local Flood Managers’ Roles and Responsibilities</td>
<td>April 2010</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference</td>
</tr>
<tr>
<td>Substantial Damage Estimator Workshop</td>
<td>December 2010</td>
<td>Morehead State University (Morehead, KY)</td>
</tr>
<tr>
<td>Microsoft Project, Access and Excel Charts/Pivot Tables</td>
<td>December 2010</td>
<td>University of Kentucky Information Technology (UK-IT) (Lexington, KY)</td>
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<tr>
<td>Applicant Agent Certification Course</td>
<td>2011 (4 Weeklong Courses Held Throughout)</td>
<td>Frankfort, KY</td>
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<tr>
<td>Application Development Focus Group</td>
<td>2011 (Multiple Dates)</td>
<td>FEMA Region IV (Atlanta, GA)</td>
</tr>
<tr>
<td>Training for Community Hazard Assessment and Mitigation Planning System (CHAMPS)</td>
<td>2011 (Multiple Dates Throughout 2011)</td>
<td>Frankfort, KY</td>
</tr>
<tr>
<td>Presentation: “Going Beyond the Minimum: Why Two Iowa Communities Are Regulating Land Use in the 0.2% Flood Hazard Area”</td>
<td>May 2011</td>
<td>Association of State Floodplain Managers (ASFPM) Annual Conference</td>
</tr>
<tr>
<td>Presentation: “Flood Protection and Ecosystem Services in the Chehalis Basin”</td>
<td>May 2011</td>
<td>Association of State Floodplain Managers (ASFPM) Annual Conference</td>
</tr>
<tr>
<td>Presentation: “Going Beyond Minimum NFIP Standards: Colorado’s Statewide Benefit/Cost Analysis”</td>
<td>May 2011</td>
<td>Association of State Floodplain Managers (ASFPM) Annual Conference</td>
</tr>
<tr>
<td>Regarding…</td>
<td>Date of Training</td>
<td>Training Occurred During/In…</td>
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<tr>
<td>Presentation: “Integrated Approach to the Largest KDFWR(^1) Stream Restoration Design in Pulaski County, KY</td>
<td>May 2011</td>
<td>Association of State Floodplain Managers (ASFPM) Annual Conference</td>
</tr>
<tr>
<td>FEMA’s Community Rating System Workshop</td>
<td>October 2011</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference</td>
</tr>
<tr>
<td>DFIRMS(^2)</td>
<td>October 2011</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference</td>
</tr>
<tr>
<td>Presentation: “Nashville Post-Flood Lessons”</td>
<td>October 2011</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference</td>
</tr>
<tr>
<td>Presentation: “More Resilient Communities through Risk MAP”</td>
<td>October 2011</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference</td>
</tr>
<tr>
<td>Applicant Agent Certification Course</td>
<td>2012 (4 Weeklong Classes Held Throughout)</td>
<td>Frankfort, KY</td>
</tr>
<tr>
<td>ArcGIS (for Emergency Managers)</td>
<td>April 2012</td>
<td>Emergency Management Institute (EMI)</td>
</tr>
<tr>
<td>Hazard Mitigation Assistance (HMA) Application Development</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY(^3))</td>
</tr>
<tr>
<td>Certified Floodplain Manager (CFM) Refresher Course</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
<tr>
<td>Presentation: “Community Planning for Pandemic Preparedness”</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
<tr>
<td>National Flood Risk Management Program (Silver Jackets)</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
<tr>
<td>Presentation: “Advanced GIS-Based Hydrologic and Hydraulic Modeling and Statistical Techniques Used for Floodplain Mapping”</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
<tr>
<td>Presentation: “Kentucky Statewide Digital Orthos and LiDAR(^4) Mapping”</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
</tbody>
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\(^1\) Kentucky Department of Fish and Wildlife Resources (KDFWR)

\(^2\) Digital Flood Insurance Rate Maps (DFIRMS)

\(^3\) Land Between the Lakes lay within the following counties: Calloway, Henry, Lyon, Livingston, Marshall, Stewart, and Trigg counties

\(^4\) LiDAR is both a portmanteau of “light” and “radar,” and used as an acronym for “Laser Interferometry Detection and Ranging.”
<table>
<thead>
<tr>
<th>Regarding…</th>
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<tbody>
<tr>
<td>Kentucky’s Dam Safety Hazard Mitigation Plan</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
<tr>
<td>Presentation: “A Brief History and Overview of TVA(^5) River Management Mission”</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
<tr>
<td>University of Kentucky Flood Mitigation Project</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
<tr>
<td>Presentation: “Resiliency and Recovery Planning in the Commonwealth: Strengthening Our Communities”</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
<tr>
<td>Presentation: “Bridging the Gap: Building Relationships Between KYTC(^6) and KAMM”</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
<tr>
<td>United States Army Corps of Engineers (USACE)</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
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</tbody>
</table>

\(^5\) Tennessee Valley Authority (TVA)  
\(^6\) Kentucky Transportation Cabinet (KYTC)
**OUTREACH:**

<table>
<thead>
<tr>
<th>Regarding…</th>
<th>Date of Outreach</th>
<th>Outreach Directed To…/Held At…</th>
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<tbody>
<tr>
<td>Applicant Agent Certification Course</td>
<td>2010 (2 Weeklong Classes Held Throughout)</td>
<td>Frankfort, KY</td>
</tr>
<tr>
<td>Louisville Hazard Mitigation Plan Kickoff</td>
<td>March 2010</td>
<td>Louisville, KY (in Jefferson County)</td>
</tr>
<tr>
<td>Presentation: &quot;Kentucky Association of Mitigation Managers (KAMM)&quot;</td>
<td>April 2010</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference</td>
</tr>
<tr>
<td>Presentation: &quot;CHAMPS(^7) Update&quot;</td>
<td>April 2010</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference</td>
</tr>
<tr>
<td>State Plan Update</td>
<td>May 2010</td>
<td>State Plan Stakeholder Meeting (Frankfort, KY)</td>
</tr>
<tr>
<td>Presentation: &quot;HMGP(^8): Mitigating Flood-prone Structures&quot;</td>
<td>June 2010</td>
<td>Kenton County Homeowners' Meeting (Kenton County, KY)</td>
</tr>
<tr>
<td>Kentucky Emergency Management (KYEM) Booth Theme: Mitigation and Disaster Preparedness</td>
<td>August 2010</td>
<td>Kentucky State Fair 2010 (Louisville, KY)</td>
</tr>
<tr>
<td>Presentation to County Fiscal Officers Regarding Public Assistance (PA) and Mitigation Programs</td>
<td>October 2010</td>
<td>County Treasurers' Association Meeting</td>
</tr>
<tr>
<td>Presentation to Graduate Emergency Manager (EM) Students Regarding Public Assistance (PA) and Mitigation Programs</td>
<td>November 2010</td>
<td>Eastern Kentucky University (EKU) (Richmond, KY)</td>
</tr>
<tr>
<td>Presentation to Graduate Emergency Manager (EM) Students Regarding Public Assistance (PA) and Mitigation Programs</td>
<td>December 2010</td>
<td>Eastern Kentucky University (EKU) (Richmond, KY)</td>
</tr>
<tr>
<td>Applicant Agent Certification Course</td>
<td>2011 (2 Weeklong Classes Held Throughout)</td>
<td>Frankfort, KY</td>
</tr>
<tr>
<td>Presentation: “Local Energy Assurance Plan Kickoff”</td>
<td>March 2011</td>
<td>Louisville, KY</td>
</tr>
</tbody>
</table>

\(^7\) Community (nee Commonwealth) Hazard Assessment and Mitigation Planning System (CHAMPS)

\(^8\) Hazard Mitigation Grant Program (HMGP)
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<tbody>
<tr>
<td>Presentation: “Flood Risk Management Through Buyouts: Long-Term Cost Effectiveness”</td>
<td>May 2011</td>
<td>Association of State Floodplain Managers (ASFPM) Annual Conference</td>
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<tr>
<td>Presentation: “HMGP: Landslides”</td>
<td>June 2011</td>
<td>Bellevue Community Meeting (Bellevue, KY)</td>
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<tr>
<td>Kentucky Emergency Management (KYEM) Booth Theme: Mitigation and Disaster Preparedness</td>
<td>August 2011</td>
<td>Kentucky State Fair (Louisville, KY)</td>
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<tr>
<td>Presentation: “What to Expect When FEMA Arrives”</td>
<td>September 2011</td>
<td>Kentucky Emergency Services Conference (KESC)</td>
</tr>
<tr>
<td>Presentation to Graduate Emergency Manager (EM) Students Regarding Public Assistance (PA) and Mitigation Programs</td>
<td>October 2011</td>
<td>Eastern Kentucky University (EKU) (Richmond, KY)</td>
</tr>
<tr>
<td>Presentation: “Sharing Mitigation Success Stories”</td>
<td>October 2011</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference</td>
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<tr>
<td>Presentations Regarding Public Assistance (PA) and Mitigation Programs</td>
<td>December 2011</td>
<td>Governor’s Emergency Management Workshop (GEMW)</td>
</tr>
<tr>
<td>Applicant Agent Certification Course</td>
<td>2012 (2 Weeklong Classes Held Throughout)</td>
<td>Frankfort, KY</td>
</tr>
<tr>
<td>Presentation Regarding Public Assistance (PA) and Mitigation Programs</td>
<td>March 2012</td>
<td>Congressional Staff for Lexington-Fayette Urban County Government (LFUCG) and Mount Sterling, KY (Lexington, KY and Mt. Sterling, KY)</td>
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<tr>
<td>Presentation to New Directors Regarding Public Assistance (PA) and Mitigation Programs</td>
<td>May 2012</td>
<td>New County Emergency Management Directors Meeting</td>
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<tr>
<td>Presentation to Lexington-Fayette Urban County Government (LFUCG) Emergency Management (EM) Staff Regarding Public Assistance (PA) and Mitigation Programs</td>
<td>June 2012</td>
<td>Lexington-Fayette Urban County Government (LFUCG) Emergency Management (EM) Meeting (Lexington, KY)</td>
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<tr>
<td>Presentation to Rapid Response Monitoring Services (RRMS) Regarding Public Assistance (PA) and Mitigation Programs</td>
<td>July 2012</td>
<td>Kentucky Emergency Management (KYEM) Rapid Response Monitoring Services (RRMS) Meeting</td>
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<tr>
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<td>Outreach Directed To…/Held At…</td>
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<tr>
<td>Presentation Regarding Public Assistance (PA) and Mitigation Programs</td>
<td>August 2012</td>
<td>Congressional Staff for Louisville/Jefferson County Metropolitan Sewer District (Louisville, KY)</td>
</tr>
<tr>
<td>Presentation to New Directors Regarding Public Assistance (PA) and Mitigation Programs</td>
<td>August 2012</td>
<td>New County Emergency Management Directors Meeting</td>
</tr>
<tr>
<td>Presentation Regarding Program Requirements and New Declaration Process</td>
<td>August 2012</td>
<td>Kentucky Department for Local Governments (DLG)</td>
</tr>
<tr>
<td>Kentucky Emergency Management (KYEM) Booth Theme: Mitigation and Disaster Preparedness</td>
<td>August 2012</td>
<td>Kentucky State Fair (Louisville, KY)</td>
</tr>
<tr>
<td>Presentation: “Hazard Mitigation Assistance (HMA) Application Development”</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
<tr>
<td>Presentation: “Community Planning for Pandemic Preparedness”</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
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<tr>
<td>Presentation: “Resiliency and Recovery Planning in the Commonwealth: Strengthening Our Communities”</td>
<td>September 2012</td>
<td>Kentucky Association of Mitigation Managers (KAMM) Annual Conference (Land Between the Lakes/Barkley Dam, KY)</td>
</tr>
<tr>
<td>Presentation: “Hazard Mitigation Assistance (HMA) Funding Opportunities”</td>
<td>September 2012</td>
<td>Lexington-Fayette County Urban County Government (LFUCG) Planning Meeting (Lexington, KY)</td>
</tr>
<tr>
<td>Presentations Regarding State Plan Update and Stakeholder Involvement</td>
<td>September 2012 – December 2012</td>
<td>Kentucky Department for Local Governments (DLG) and Area Development Districts (ADDs)</td>
</tr>
<tr>
<td>Presentation Regarding Community Hazard Assessment and Mitigation Planning System (CHAMPS)</td>
<td>October 2012</td>
<td>State Hazard Mitigation Team (KYMC) Meeting (Frankfort, KY)</td>
</tr>
<tr>
<td>Presentation to Statewide Emergency Management (EM) Staff Regarding Disaster and Mitigation Funding Programs</td>
<td>October 2012</td>
<td>Kentucky Transportation Cabinet (KYTC) Annual Maintenance Conference</td>
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<tr>
<td>Regarding…</td>
<td>Date of Outreach</td>
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<tr>
<td>Presentation to the City of Somerset Emergency Management (EM) and Public Officials Regarding Hazard Mitigation Assistance (HMA) Funding Opportunities</td>
<td>October 2012</td>
<td>Lexington, KY</td>
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<tr>
<td>Roundtable Discussions Regarding State Plan Update and Stakeholder Involvement</td>
<td>November 2012</td>
<td>Kentucky Association of County Officials (Frankfort, KY)</td>
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<tr>
<td>Presentation Regarding Kentucky School District Involvement with Public Assistance (PA)/Mitigation Programs</td>
<td>December 2012</td>
<td>Kentucky Association of School Superintendents (Frankfort, KY)</td>
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<tr>
<td>Presentations Regarding Community Hazard Assessment and Mitigation Planning System (CHAMPS), Hazard Mitigation Project Development, and Disaster Declaration Process</td>
<td>December 2012</td>
<td>Governor's Emergency Management Workshop (GEMW)</td>
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<tr>
<td>Presentations Regarding Community Hazard Assessment and Mitigation Planning System Version 2 (CHAMPS v2)</td>
<td>December 2012</td>
<td>Governor's Emergency Management Workshop (GEMW)</td>
</tr>
<tr>
<td>Community Hazard Assessment and Mitigation Planning System (CHAMPS) Training</td>
<td>December 2012</td>
<td>Bluegrass Area Development District (BGADD) (Lexington, KY)</td>
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</tbody>
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