Who is KAMM?

Kentucky Association of Mitigation Managers (KAMM) was formed in order to promote natural hazard mitigation and management in Kentucky.

Members represent local floodplain coordinators, planning and zoning officials, engineers, surveyors, GIS specialists, hydrologists, public safety and emergency managers.
Who is KAMM?

✓ KAMM established in 2004
  ➢ First conference in 2005
✓ Chapter member of the Association of State Floodplain Managers (ASFPM) in 2006
✓ KAMM is a 501 (c) (3) non-profit organization
✓ KAMM sponsors an annual conference to promote mitigation awareness and as a forum for local, state, and federal officials to educate the public
KAMM’s Purpose

✓ To provide a forum for floodplain coordinators, emergency and mitigation managers, engineers, code enforcement officials and surveyors;
✓ To gain knowledge and network on issues pertinent to floodplain management, mitigation, and disaster recovery;
✓ To promote public awareness of floodplain and stormwater management and mitigation;
✓ To promote the professional status of floodplain, stormwater, and emergency management and mitigation and to secure all benefits resulting therefrom;
✓ To enhance cooperation and to exchange information among various related private and non-profit organizations; individuals; and local, state and federal agencies;
✓ To inform individuals concerned with floodplain, stormwater, and emergency management and mitigation through educational and professional seminars and to provide a method for dissemination of information, both general and technical;
✓ To inform concerned individuals of pending floodplain, stormwater, and emergency management and mitigation legislation and other hazard related matters;
✓ To study and support legislation pertinent and necessary to the effective implementation of floodplain and stormwater management and mitigation regulations.
KAMM’s Purpose (Abridged)

- To provide a forum
- To gain knowledge and network on issues
- To promote public awareness
- To promote the professional status
- To enhance cooperation and to exchange information
- To inform concerned individuals
- To study and support legislation
KAMM’s Strategic Plan

**Objective 1:** Increase KAMM membership
**Objective 2:** Develop KAMM’s members through committee activities and participation
**Objective 3:** Diversify KAMM membership
**Objective 4:** Expand KAMM corporate members and sponsorships

**GOAL 1.**
Increase, develop, and diversify KAMM membership

**GOAL 2.**
Provide professional development opportunities to members through training, education, and outreach

**Objective 1:** Encourage involvement in KAMM regional activities
**Objective 2:** Continue development of KAMM website as a resource to communicate natural hazards-related information, outreach, training opportunities, and KAMM-related business
**Objective 3:** Utilize the KAMM website and cloud storage as a resource for KAMM-related document repository
**Objective 4:** Develop standard operating procedures (SOPs) to document the organization’s processes and best practices
**Objective 5:** Encourage professional certification/accreditation
KAMM’s Strategic Plan

- Objective 1: Increase attendance at the annual KAMM conference
- Objective 2: Continue multiple natural hazards mitigation and management topics for plenary sessions, concurrent sessions, and workshops
- Objective 3: Continue to award KAMM members and projects for outstanding accomplishments at the annual conference
- Objective 4: Plan appropriately to transition the KAMM conference outside of the Kentucky state park system

GOAL 3.
Continue to develop and enhance the annual KAMM conference

GOAL 4.
Maintain the organization’s non-profit status

- Objective 1: Establish an annual budget for the organization
- Objective 2: Establish a budget for the annual conference
- Objective 3: Assess and complete required documentation, contracting, and licensing
- Objective 4: Research potential funding avenues to increase KAMM’s influence
Corporate Sponsors

AECOM

Stantec

GPD GROUP

ATKINS

Moore Enterprises

TETRA TECH

quantum spatial

AN NIV 5 COMPANY
Agency Partners
Organization Partnerships

- KAMP
- KEMA
- KSA
- Weather-Ready Nation
KAMM Members

- 235 Members (31 new)
- 117 Registered for this conference*
- 84 Certified Floodplain Managers
What KAMM means to the state...

- drought
- sinkhole
- forest fire
- extreme temperature
- dam failure
- mine
- hail storm
- land subsidence
- severe winter storm
- flood
- severe storm
- tornado
- karst
- landslide
- earthquake
What KAMM means to you..

- landslide
- infrastructure
- green
- earthquake
- engineering standard
- education
- restoration
- response
- code enforcement
- stream
- geospatial
- zoning
- karst
- floodplain regulations
- stormwater
- weather related hazard
- storm
- emergency management
- tornado
- mapping
- training
- flood insurance
- social media
- professional development
- geologic hazard
- outreach
- water quality
- structural mitigation
- planning
- lidar
- flood mitigation
- ice
- wetlands
- nonstructural
- recovery
- hail
Mitigating in a Digital World

☑ Kentucky has a wealth of data
  - Base data
  - Input data (parameters)
  - Output data (raw)
  - Data ready for consumption
  - Decision making tools
  - Results and monitoring
  - Data dissemination and visualization
Mitigating in a Digital World
Mitigating in a Digital World
Mitigating in a Digital World

Portals, Viewers and Story Maps

- Flood Hazard Portal
- Water Health Portal
- KY Watershed Viewer
- Story Map Gallery
- HAB Viewer
- Forestry - Special Use Waters
- Drought Viewer
- FEMA flood map project updates
- KY Certified Well Driller Webapp
- Source Water Protection Viewer
- Dam Inundation Viewer
- Special Waters Viewer
Mitigating in a Digital World
Mitigating in a Digital World

North Fork Kentucky River Watershed Flood Hazards

Statistics
- National Flood Insurance Policies: 78
- Repetitive Loss Properties: 0
- Population: 24,519

Structures at Risk
- Structures within the 1% and 2% floodplain: 2,399 out of 13,600 or 3%
- Structures within the 1% floodplain (includes floodway): 2,310
- Structures within the Floodway: 49
- Structures within the 1% and 0.2% floodplains approximate value: $136,896,500
- Percentage of flood insured structures within the county: less than 1%
- Approximate residential structures within Letcher County: 11,202

Sources
1. Structure source Bing Building Footprints: 2018
2. Floodplain source National Flood Hazard Layer (NFHL) or current effective flood hazard data.
3. Approximate structure value source 2018 American Community Survey average census block value.
4. Residential structures estimated to be > 800 square feet and < 6,000 square feet.

Interactive Map: Select features in map window for additional information
Example Location: Area of Mitigation Interest
Mitigating in a Digital World

CHAMPS

Community Hazard Assessment and Mitigation Planning System (CHAMPS) is the basis for building a more resilient community starts with establishing a well-coordinated process for disaster management planning. To assist with this effort, the Commonwealth of Kentucky has developed a new resiliency planning tool called CHAMPS, the Community Hazard Assessment and Mitigation Planning System.

CHAMPS is offered as a free resource to Kentucky communities to enhance disaster management efforts based on the concept of understanding risk, then mitigating to reduce loss of life and property.

Through support and funding from FEMA, HUD, and EDA, the Center for Hazards Research partnered with the Kentucky Division of Emergency Management, Stantec, and other partners to develop and train local emergency managers and community leaders on how to use the system.

View Upcoming Training Opportunities

Request access in Kentucky Contact Doug Eades, Systems Integration Specialist at james.eades2.nfg.mil

Have a username and ready to log in? Go to www.kyemweb.com

Learn more about each module:

- How to Build a Community Profile
- How to Build and Conduct Assessments
- How to Write a Plan
- How to Search for Funding
- How to Apply for and Manage Projects
Mitigating in a Digital World

Note: 514 properties in this area are protected by adaptation. While the above
Mitigating in a Digital World

NFIP Claims Timeline

SRLP Timeline
The time to act is now

- When we mitigate, we fix “sins of the past”
- Mitigation should be conducted proactively, before events occur
- It’s difficult to anticipate the future so we must prepare
- However, we can anticipate how we plan and what we mitigate
What KAMM is here for..

✓ To inspire success
✓ To provide coaching and mentoring
✓ Leadership in many forms
  ➢ Committees
  ➢ Events
  ➢ Regional events

✓ KAMM was formed to provide tools, guidance and to foster relationships
Who has the answers?

✓ We all do!
✓ Collectively we can accomplish much
✓ Relationships are key
✓ Find a champion

We all share the same vision...
...A safer more resilient Commonwealth
KAMM Board remains active

- Green Infrastructure Grant from the EPA
  - Training coming soon..
- Future web training opportunities
  - Please reach out if you have topics you would like to present
- Newsletters, Emails, and Website updates
  - Topic suggestions are welcomed
- Our Past Chair is now the Chair of our parent organization ASFPM
  - Great resource and advocate for Kentucky on a notional level
Questions?

Chat or question using the go-to meeting toolbar or email us at help@kymitigation.org.