A Note from the Chair

Happy meteorological spring and greetings from KAMM. We are excited to share the Spring 2019 newsletter with you considering that 2019 has already provided us with record rainfall and historic levels on Kentucky’s lakes and rivers.

The contents of the newsletter provide a great overview of the latest in programmatic advancements, training opportunities, and numerous updates about local official responsibilities and flood insurance. I also encourage you visit KAMM’s website at www.kymitigation.org, where we are working to provide a “One Stop Shop” for all things mitigation-and hazard related. KAMM is hosting training workshops in March in each of KAMM’s four regions. Over 100 folks took advantage of KAMM’s regional trainings in 2018 and this year our Regional Representatives have taken the learning and relevance to the next level. But act fast! Space is limited - see page 3 of this newsletter for more information about KAMM’s Regional Training opportunities.

One of the things KAMM is excited to share are the partnerships we’ve formed to advance the concept of Mitigation Matters. We’re happy to announce KAMM’s status as a Weather Ready Nation Ambassador partner agency. This, along with the strategic partnerships we’ve formed with other organizations, will serve to benefit all members. In fact, we’re happy to announce that KAMM has record membership at this point of the year as compared to past years.

The 2019 KAMM conference at Lake Barkley SRP from September 16-19 will celebrate KAMM’s 15 years of existence! From our humble roots and the dreams of a few folks still intertwined in the fabric of KAMM, the organization has become a mitigation-related powerhouse in Kentucky. KAMM’s 15th annual conference is shaping up to be our largest ever; submit an abstract today!

My final plea to everyone is to remain diligent and to take steps to make your professional and private lives more resilient. We’ve already dealt with record rainfall, historic flooding, and the challenges of recovering so far this year. The Disaster Recovery Reform Act of 2018 will fundamentally change how disaster assistance and mitigation unfold in Kentucky for the foreseeable future, but remember, every dollar invested in mitigation saves 6 future dollars. With an unknown future but a past that has provided many valuable lessons, we must continue working together, sharing resources, and adapting appropriately as the KAMM family grows.

Dutifully yours,
Carey Johnson

KAMM Board Winter Retreat: The KAMM Board held its annual Winter Retreat at Lake Cumberland State Resort Park (the birthplace of KAMM) to set the organization’s agenda for 2019.
Save the Date!

2019 KAMM Conference
Lake Barkley State Resort Park, Cadiz
KAMM XV: Celebrate the Past, Inspire the Future

September 16, Pre-conference Day Workshops and Activities
September 17 – 19, 2019 Annual Conference

Certified Floodplain Manager (CFM) Exam

KAMM will host the CFM Exam, Monday, September 16

To take the CFM exam, you must register through the ASFPM and pay a fee to take the CFM Exam. Visit the ASFPM website (www.floods.org) for details or link directly To Apply for ASFPM CFM Certification.

Conference Lodging

We have reserved various types of lodging (lodge rooms, suites, and cabins). Link to the KAMM website for Lodging information http://www.kymitigation.org/lake-barkley-lodging/. Call 1 270 924-1131 to make a reservation, mention KAMM to get the discounted group rates.

2019 KAMM Conference
Call for Abstracts

We invite KAMM friends to take part in this year’s annual conference and pre-conference activities by submitting an abstract for the conference program. We are seeking abstracts suitable to this year’s theme – KAMM XV: Celebrate the Past, Inspire the Future for our anticipated largest conference ever.

Session Types to benefit beginner, intermediate or advanced audiences

- Workshops (2, 3 or 4 hours)
- Concurrent Sessions (30 or 50 minutes)
- Plenary Sessions

Link to the 2019 Call for Abstracts

KAMM Membership

KAMM Membership dues apply to the calendar year, so membership always runs from January 1 – December 31.

Individual Membership Options: KAMM offers two ways to register as an Individual Member, according to your payment method.

Pay by Credit Card/ PayPal Option: Click Pay by Credit Card.
Pay by Check Option: Click Pay by Check.

Agency/Organization Membership Options: Register up to 10 members as an Agency/Organization. The group payment is for public and private agencies or organizations, up to 10 people.

Pay by Credit Card/ PayPal Option: Pay by Credit Card
Pay by Check Option: Pay By Check.
Four KAMM Regions

KAMM is divided into four regions. Find your region by linking to the 2017/18 KAMM regions.


Region II Counties: Breckenridge, Bullitt, Grayson, Hancock, Hardin, Henry, Jefferson, Larue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, and Washington.

Region III Counties: Bath, Boone, Bourbon, Boyd, Bracken, Campbell, Carroll, Carter, Elliott, Fleming, Franklin, Gallatin, Grant, Greenup, Harrison, Kenton, Lawrence, Lewis, Mason, Nicholas, Owen, Pendleton, Robertson, Rowan, and Scott.


KAMM Four Regional Representatives

<table>
<thead>
<tr>
<th>Region I Representative</th>
<th>Email</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Angela Herndon</td>
<td><a href="mailto:aherndon@comdev-services.com">aherndon@comdev-services.com</a></td>
<td>270-887-4285</td>
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<td>502-260-1771</td>
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<td>859-257-3809</td>
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KAMM Regional Training

Training Opportunity in March

Download Announcing 2019 KAMM Regional Training

Training is free for KAMM members. Please register for as many training dates as you would like. A Certificate of Attendance will be provided for six hours. Below are dates and draft agendas for all four regions.

As a benefit to KAMM members, free Regional Trainings are available in all four regions.

- March 5-6*
- March 14
- March 27
- March 21-22*

Link to details, draft agendas and Registration.

REGISTER Here
KAMM Committees

Participation in committees allows KAMM members to promote issues, challenges, and best practices that are important to them as well as an opportunity to network. Ultimately, the committees will help develop and recommend policy to the KAMM Board.

For More info: Visit the KAMM website at: www.kymitigation.org/kamm-committees/ Link to our contact info to participate or for more information.

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<tr>
<th>Committee</th>
<th>Chair &amp; Co-Chairs</th>
<th>Board Mentor</th>
</tr>
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<tbody>
<tr>
<td>CRS Users Group</td>
<td>Christina Groves, Cindy Minter &amp; Lori Rafferty</td>
<td>Carey Johnson</td>
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<tr>
<td>Education and Professional Development</td>
<td>Alex VanPelt &amp; Katherine Osborne</td>
<td>Mike Greene</td>
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<tr>
<td>Emergency Management</td>
<td>Jason York</td>
<td>Nick Grinstead &amp; Geno Jo Brawner</td>
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<tr>
<td>Flood Mitigation</td>
<td>Josh Human</td>
<td>Esther White &amp; Sarah Taylor</td>
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News from Emergency Management Committee

NWS Flood Exercise kit now available!

The National Weather Service in Charleston, WV welcomed neighboring NWS offices and partners from across the Tri-State region of northeast Kentucky, southeast Ohio, and western West Virginia to the Tri-State Integrated Warning Team meeting. Held on October 16, 2018 in Ashland, KY.

The overall goal of the meeting was to improve communication between the various agencies attending the meeting, especially with regards to messaging river flooding. Tony Edwards, Warning Coordination Meteorologist NWS in Charleston, developed a versatile tabletop exercise that simulates the lead up to a widespread severe thunderstorm and flash flood event. The exercise predicted to occur at the same time that the county fair and a large outdoor concert were scheduled.

During the tabletop, the exercise simulates the information flow from the NWS that provides five days out up to the time of the event. Attendees discuss what their actions would be to prepare for and communicate the threat.

The exercise proves to be a great way to learn capabilities and responsibilities, according to Homeland Security Exercise and Evaluation Program (HSEEP) standards, enabling participants to use the exercise to satisfy agency’s exercise requirements. The exercise can involve any agency, and is an excellent avenue for Floodplain Coordinators to add input to local exercises.

Downloadable resources and the template for the exercise at: www.weather.gov/rlx/tristateIWT.


Community Rating System Webinars

The CRS Webinar Series provides training opportunities. The Series includes basic introductory sessions and more advanced topics, most averaging about an hour in length.

All classes 1:00 pm Eastern

- March 19 Preparing an Annual Recertification
- March 20 CRS Credit for Floodplain Mapping (Activity 410)
- April 16 Preparing for a Verification Visit
- April 17 Flood Insurance Promotion (Activity 370)
- June 18 Credit for Drainage System Maintenance (Activity 540)
- June 19 Preparing an Annual Recertification
- July 16 Developing a Repetitive Loss Area Analysis
- July 17 Activity 610 Flood Warning & Response

Registration: Click here and type “CRS” in the search field to view webinars that are now open for registration.
KAMM Receives 2018 Weather-Ready Nation Ambassador Recognition

We are very pleased to be recognized by the NWS as a Weather-Ready Nation Ambassador for the organization’s support to NWS’ goal of creating a Weather-Ready Nation. The Weather-Ready Nation Ambassador initiative is an effort to formally recognize NOAA partners who are improving the nation’s readiness against extreme weather, water, and climate events.

KAMM promoted NWS efforts in the Community Collaborative Rain Hail, and Snow (CoCoRaHS) network by providing several dozen official CoCoRaHS rain gauges as speaker gifts and door prizes at our 2018 conference. Everyone that received a rain gauge agreed to participate in the CoCoRaHS citizen science network. Through these efforts, KAMM strengthened an already valuable Weather-Ready Nation partnership.

KAMM has collaborated with the NWS offices in Kentucky for nearly 15 years in an effort to promote mitigation of natural hazards in the Commonwealth.

Link to Story
Map [https://noaa.maps.arcgis.com/apps/MapTour/index.html?appid=38d9ed51a5e14a4b9c32342ea3da06dd](https://noaa.maps.arcgis.com/apps/MapTour/index.html?appid=38d9ed51a5e14a4b9c32342ea3da06dd).

Spring Safety Campaign

It may not feel like it for some, but we have reached meteorological spring. Regardless, as winter hazards hang on in some areas, spring hazards are ramping up. Join NOAA and almost 9000 fellow Weather-Ready Nation Ambassadors by helping communities become ready, responsive, and resilient.

Visit Weather-Ready Nation Homepage

FEMA Announces Interim Management Costs Policies

Disaster Recovery Reform Act of 2018 (DRRA)

November 15, 2018

FEMA released two interim polices Nov. 15 as part of the Disaster Recovery Reform Act of 2018 (DRRA) implementation.

On Oct. 5, 2018, President Trump signed the DRRA into law. The legislation contains critical reforms to federal disaster programs. To begin implementation of these reforms, both the FEMA Public Assistance Management Costs (Interim) Policy and the FEMA Hazard Mitigation Grant Program Management Costs (Interim) Policy are now available. Follow the linked Policy titles.

Both policies will offer greater flexibility to state, local, tribal, and territorial governments and may allow more funding to manage Hazard Mitigation Grant Program and Public Assistance programs. Under these interim policies, state, local, tribal, and territorial partners may be allowed higher rates of reimbursement for their management costs when implementing Public Assistance (12 percent) and HMGP projects (15 percent).

The DRRA defines management costs as indirect costs, direct administrative costs, and any other administrative expenses for a specific project. These policies will help to simplify the delivery of FEMA’s programs and provides incentives for recipients to practice efficient grants management and complete activities in a timely manner.

Visit [https://www.fema.gov/disaster-recovery-reform-act-2018](https://www.fema.gov/disaster-recovery-reform-act-2018) for more information and to find a summary of each section of the act, as well as the status on FEMA’s implementation.

In total, the law contains more than 50 provisions that require FEMA policy or regulation changes for full implementation. To view a summary of all the changes in DRRA, click HERE.

Story Map Highlights Award-Winning CTP: Kentucky Division of Water

Kentucky CTP Story Map

When it comes to mapping Kentucky’s floodplains, the DOW is a Cooperating Technical Partner (CTP) with FEMA. The CTP Program is an innovative approach to creating partnerships between FEMA and other agencies that have the interest and capability to become more active participants in the FEMA flood hazard mapping program.

In 2018, DOW was awarded 1st place in the CTP Recognition Program. The Division was recognized by FEMA for excellence in Communications, Outreach and Program Management for integrating different technologies to communicate flood risk, including virtual reality and live polling during meetings, and for embracing a variety of partnerships. DOW’s work has been featured in a story map that is an interactive product that uses GIS maps, narrative text, images and video to showcase CTP work.

View the story map at [http://arcgis.is/1nqua0](http://arcgis.is/1nqua0) to see some of the great things that the Kentucky Risk MAP team had done over the past several years.
State of Emergency for the Commonwealth

February 26, 2019

Kentucky Division of Emergency Management (KYEM) is still activated in response to continual flooding conditions throughout Kentucky. Since February 6, Kentucky has experienced prolonged episodes of storms which have produced heavy rain, strong and gusting wind, flooding and flash flooding, landslides and mudslides across the Commonwealth.

Governor Matt Bevin declared a State of Emergency for the Commonwealth (February 25). The executive order enables the mobilization of state resources to be utilized in support of cities and counties as needed.

KYEM has been coordinating daily with the US Army Corps of Engineers assisting in mitigation efforts in response to record level water releases at Wolf Creek Dam and flood control efforts at the Smithland Levee.

KYEM has deployed 32 guardsmen along with 2 cargo trucks to assist with a temporary sandbag cell layer, raising the levee to 55’.

The Smithland Levee is projected to crest at 52.5’ on March 2 and remain until March 6.

To date, KYEM has received 41 county and 14 city state of emergency declarations.

- City Declarations: Burkesville (Cumberland), Cadiz (Trigg), (Clay City (Powell), Edmonton (Metcalfe), Grayson (Carter), Hickman (Fulton), Jenkins (Letcher), Monticello (Wayne), Paducah (McCracken), Paintsville (Johnson), Pikeville (Pike), Salyersville (Magoffin), Springfield (Washington), West Liberty (Morgan) and Whitesburg (Letcher).

Steps to take to keep yourself safe after flooding:

- Watch your step. Flood waters are often hide sharp and dangerous debris like broken glass and metal.
- Wear the appropriate protective clothing and gear such as boots, gloves and safety glasses when it comes to moving debris.
- Hands off! Stay away from electrical utility equipment after a storm or if it is wet to prevent being electrocuted. Report any utility issues to your local utility company.
- Flooded homes are hazards. Get a professional to check for loose wires, mold and hidden damage before re-entering.
- Avoid walking in floodwater. It can be contaminated with oil, gasoline, or sewage.
- Use generators or other gas-powered machinery only outdoors and away from windows.

Officials also remind citizens if they have any storm damage, to report it to your local emergency management director.

Know the Community Flood Risk

Understand the difference between weather watches and warnings.

Link to flood risk and information resources

- USGS WaterWatch
- USGS Flood Inundation Mapping program
- FEMA Flood Map Service Center

River Predictions: NWS Advanced Hydrologic Prediction Service (AHPS) - select your local NWS office servicing your area (Paducah, Louisville, Jackson, or Wilmington, OH) to see the river predictions for that area

KDOW Flood Risk Portal: Statewide floodplains in a single map that displays the same floodplain as the FEMA GeoPlatform Map

Zone A BFES available for 119 of 120 counties

- 1% annual chance BFE determinations in the A Flood Zones with a simple click on the stream centerline
- Hydrologic & Hydraulic reports and models for A zones available for download
- FIS and Shapefiles available
- Phase II and Beyond
- Hydraulic models and BFE determination available statewide
- Dam safety information

Check your flood risk

http://watermaps.ky.gov/RiskPortal/


Inundation maps can be used for:

- Preparedness - “What-if” scenarios
- Timely Response - tied to real-time gage and forecast information
- Recovery - damage assessment
- Mitigation and Planning - flood risk analyses
- Environmental and Ecological Assessments - wetlands identification, hazardous spill cleanup

**Local Officials Post-Flood Responsibilities**

**Flood information resources**
- USGS WaterWatch
- USGS Flood Inundation Mapping program
- NWS Advanced Hydrologic Prediction Service (AHPS) - select your local NWS office servicing your area of Kentucky to see the river predictions.

**Kentucky Flood Preparedness Quick Guide**

KDOM developed a two-page guide that covers several aspects flooding. The Guide includes what local officials and citizens should do before, during, and after a flooding event, as well as topics such as how to find your flood risk, when and how to rebuild safely and promote mitigation, and more.

**Download** the Kentucky Flood Preparedness Quick Guide and share it throughout your community.

**Before A Flood**
- Monitor and share flooding impacts to social media (Facebook, Twitter) using the hashtag #kywx
- Use local social and news media to communicate risk & safety procedures to the public
- Make a list of areas where transportation, water or wastewater infrastructure may be flooded
- Add safety signage to routes or flood prone areas, when possible
- Build relationships with your community, state, regional, and federal agencies
- Coordinate emergency management activities to ensure resource knowledge and availability (Fire, Police, EMS, Hospitals, etc.)
- Understand your communities’ flood damage prevention ordinance so you can work with property owners to rebuild safely and promote mitigation
- Understand Substantial Damage and Increased Costs of Compliance

**During A Flood**
- Monitor and share flooding impacts to social media (Facebook and Twitter using the hashtag #kywx)
- Document all action measures taken, personnel time, and in-kind service
- Ensure flooded roads are blocked
- Drive the flooded area, begin documenting damaged areas

**After A Flood**
- Conduct windshield surveys in the damaged areas.
- The local floodplain coordinator is part of the recovery and will conduct Substantial Damage assessments on the affected structures. Perform and document damage assessments
- Work with federal and state officials to document High Water Marks and create impact maps
- KYEM verifies all data before submitted to FEMA for a Joint Preliminary Damage Assessment
- Encourage state and federal partners to assist in collecting event related data and information
- FEMA Public Assistance (PA) Section 406 Mitigation allows for cost effective mitigation activities to public facilities and infrastructure
- Use KYEM damage assessment digital tool or Public Assistance Form 501
- Photograph damage BEFORE repairs begin
- Maintain detailed records such as volunteer efforts, injuries and deaths, sheltering/feeding activities, and transportation detours (length, duration, # of impacted citizens)
- Examine every damaged facility site for mitigation opportunities
- Document outreach, mitigation, and safety successes to use in the future
- Declare an emergency. To better understand the declaration process and the county components and data needed link to http://kyem.ky.gov/recovery/Page s/New-Declaration-Process.aspx

**Typical Floodplain Coordinators Job**
- Make floodplain determinations
- Notify applicants of required permits
- Assist applicant with state floodplain application
- Once federal and state permits have been obtained, review local floodplain permit application
- A local permit should be Issued or denied based on the local application & the community’s ordinance
- Inspect development (during and post construction)
- Ensure compliance/issue stop work orders
- Conduct additional inspections as needed
- Compile documentation for community records
- Plans, permits, maps, certificates

**NFIP requirements include**
- Elevation of new and substantially improved residential structures above the base flood level.
- Elevation or dry floodproofing (made watertight) of new or substantially improved non-residential structures.
- Prohibition of development in floodways, the central portion of a riverine floodplain needed to carry deeper and faster moving water.

These requirements are the most cost-effective way to reduce the flood risk to new buildings and infrastructure. Structures built to NFIP standards experience 80 percent less damage than structures not built to these standards and have resulted in $1.2 billion per year in reduced flood losses.

In addition to protecting new buildings, the NFIP substantial improvement and substantial damage requirement ensures that flood protection measures are integrated in structures built before FIRMs were developed. A building is considered substantially improved or substantially damaged when the cost of improving or repairing the building equals or exceeds 50 percent of the market value of the building. When this occurs, the community, which makes the determination, must ensure that the NFIP requirements are applied to these building so that they are protected from future flood damages.
**Disposing of Storm and Flood Debris**

The Kentucky Department for Environmental Protection (DEP) has specific guidelines for proper disposal of debris left in the aftermath of severe weather. DEP wants storm-affected Kentuckians to be aware of health, safety, and compliance hazards associated with debris handling and disposal. These hazards include, but are not limited to, burning of debris, asbestos removal, and mold growth.

**Link to more information:**
- KY Department for Environmental Protection Disposing of Storm Debris Fact Sheet
- Federal Funding For Debris Removal Work – Disaster Debris Guidelines

**Kentucky Floodplain Administrator’s Handbook**

January 11, 2017

The Division of Water announces the publication of a revised Kentucky Floodplain Administrator’s Handbook – Revised 2016 updated to inform floodplain administrators and local officials about the NFIP, permit requirements and provides sample forms. The Handbook outlines the floodplain management process, floodplain regulations, permit procedures, and flood mapping.

Local Floodplain Administrators will find the following of specific interest:
- Introduction & overview of the NFIP program
- Administration & duties for local floodplain managers
- Definitions and acronyms
- Floodplain regulations at the Federal, State, & Local levels

For more information: contact Alex VanPelt, CFM; NFIP Coordinator, Division of Water, Alex.VanPelt@ky.gov.

**Kentucky’s Typical Permits at a Glance – Available**

January 2015

The Division of Compliance Assistance (DCA) has published a new document that covers the major permits and authorizations typically issued by the Kentucky Department for Environmental Protection (DEP). The At-a-Glance document provides information on understanding permits and the most common permits and authorizations issued. Click TypicalPermitsAtaGlance to read or download the document.

**Floodplain Management in Kentucky Quick Guide**

This Quick Guide will help you understand more about why and how communities in the Commonwealth of Kentucky manage floodplains and regulate floodplain development to protect people and property. Flood prone communities adopt ordinances that detail the rules and requirements for floodplain development. Download the Floodplain Management in KY Quick Guide Web here.

**Answers to Questions about Substantially Improved / Substantially Damaged Buildings**

October 26, 2018

A joint effort by the Building Science Branch and Floodplain Management Division, updated FEMA 213 significantly expands the number of questions answered in the 1991 version of the publication. The enforcement of the SI/SD requirements can be a major concern for local officials, especially after their communities experience widespread damage from floods or other disasters. The questions and answers are intended to guide floodplain administrators, building officials, building inspectors, zoning administrators, citizen planning boards, and elected and other local officials who have roles in enforcing floodplain management and building codes. It is also helpful for architects, engineers, contractors, building owners and others.

FEMA 213 provides short answers to many questions and concerns, while encouraging local officials and others to refer to more complete guidance in FEMA P-758, Substantial Improvement/Substantial Damage Desk Reference. FEMA 213 is available here on FEMA’s Floodplain Management Publications webpage.

**After a Disaster: Recovery Assistance for Emergency Service Organizations**

February 19, 2019

The FEMA Public Assistance grant program helps emergency service organizations with funding to repair and rebuild facilities after a disaster. The days following a presidentially declared disaster can be overwhelming for those left to pick up the pieces of their lives.

Disaster survivors who need information on grant programs for homeowners and renters can apply for assistance from FEMA. However, what about public facilities like your fire or Emergency Medical Services (EMS) departments that are damaged by a disaster?

Good news: FEMA is also there for your emergency services department to help you repair or rebuild your facility. Your organization may receive FEMA Public Assistance funding for:
- Debris removal
- Emergency protective measures
- Repair, replacement or restoration of disaster-damaged facilities, equipment and apparatus.
- Costs associated with mutual aid.

FEMA’s share of assistance is not less than 75% of the eligible cost. Volunteer work and donated equipment, supplies and resources may be used to offset the nonfederal share of eligible costs.

Learn more about eligibility, guidelines and the application process for Public Assistance from FEMA.
Updated Fact Sheet: Map Changes and Flood Insurance: What Property Owners Need to Know

January 2019

FEMA recently updated a fact sheet that educates property owners on map changes and flood insurance. The update titled, Map Changes and Flood Insurance: What Property Owners Need to Know, includes a printer friendly version and a Spanish version. The fact sheet explains what flood maps are, why they change, how flood maps show flood risks, and how flood maps are used by community officials, mortgage lenders, insurance professionals, developers, and home and business owners. The material also includes information on how the risk shown on a flood map is reflected in insurance premiums, what to do if a new flood map shows your risk has changed, and how to reduce your rates.

Homeowner’s Guide to Map Amendments Released

October 2018

FEMA has created an easy to read and follow guide that helps homeowners understand the process for Letters of Map Amendment (LOMAs) and Letters of Map Revision Based on Fill (LOMR-Fs). LOMA or LOMR-F are processes to gain a better understanding of your home’s flood risk – and potentially lower your flood insurance premium.

This guide was created to increase the number of complete applications by providing clear instructions on who is eligible to apply, what should be included in an application, and what happens after you receive a determination letter.

You can download the guide here or on FEMA’s website at https://www.fema.gov/media-library/assets/documents/172215.

For application materials, visit MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letter of Map Revision Based on Fill (https://www.fema.gov/media-library/assets/documents/31858).

Annual Update: NFIP Rate Changes Effective April 1, 2019

As announced on Oct. 1, 2018, key changes being made to the NFIP on April 1, 2019, include updated Insurance Policy Premium Increases conforming to the premium rate caps established by the Biggert-Waters Flood Insurance Reform Act of 2012 (BW-12) and the Homeowner Flood Insurance Affordability Act of 2014 (HFIAA).

- Premiums will increase upon renewal an average of 8.2% beginning April 1, 2019. These amounts do not include the HFIAA Surcharge, or the Federal Policy Fee (FPF). Note that nearly 80% of NFIP policyholders already pay a full-risk rate.
- Annual premium increases of 5% for Preferred Risk Policies (PRPs) and 15% for Newly Mapped procedure policies will become effective Jan. 1, 2020.
- Effective April 1, 2019, FEMA will introduce a Severe Repetitive Loss (SRL) Premium for all policies covering properties with an SRL designation. The SRL Premium will be 5% for all SRL policies.

Link to the April 1, 2019, and January 1, 2020, Program Changes.

Navigating the Restyled NFIP Flood Insurance Manual

January 2019

The Navigating the Restyled NFIP Flood Insurance Manual webinar recording is now available. To view the recording, click on the link, View the Pre-Recorded Webinar Presentation – Navigating the Restyled NFIP Flood Insurance Manual.

Webinar Overview: FEMA released a new, easy to use Flood Insurance Manual. The manual aims to make flood insurance issues and NFIP processes understandable and facilitate consistent and reliable service from insurance professionals to their policyholders.

New FloodSmart.gov

January 2019

The updates to FloodSmart.gov incorporates social science and website usage research as well as best practices for a streamlined and customer-centric experience. The next phase of the website launch will include insurance agent toolkits, social media templates, marketing tools, and flood map change toolkits.

The BIG Cost of Flooding – Interactive Tool” To help communicate some of these costs to people, Floodsmart.gov has created an interactive tool to show people the flood recovery costs of several different flood depths for multiple home sizes. To see the interactive tool, visit https://www.floodsmart.gov/costOfFoding/index.html.

The New 2018 NID Database and Website Is Now Available

February 6, 2019

The 2018 National Inventory of Dams (NID) is now available at the NID Website. All charts, queries and maps reflect the most current NID database. Major changes to the 2018 NID allow users to download or export certain NID data and to view the hazard potential classification.

View the announcement on the ASDSO website at this link.
Webinar Topic: Using LIDAR for LOMAs

FEMA has recently developed guidelines regarding the use of LIDAR (Light Detection and Ranging) derived topographic data for Letter of Map Amendment (LOMA) applications. This free webinar will provide information on the Minnesota pilot project where this concept was tested, a Montana project that compared Lowest Adjacent Grades (LAGs) derived from LIDAR with field surveys and FEMA’s new guidelines.

See also this FEMA fact sheet on Using LIDAR For Map Amendments.[pdf].

Wednesday, March 6
2-3:30 p.m. ET (1-2:30 CT)

After registering you will receive a confirmation containing information about joining the meeting.

Agenda:
- Webinar Logistics - Jason Hochschild, ASFPM Flood Science Center
- Introduction - Alan Lulloff
- The Minnesota LIDAR/LOMA pilot project – Ceil Strauss and Suzanne Jiwani
- The Montana LAG analysis project – Steve Story and Melissa Christie
- FEMA guidelines for using LIDAR for LOMAs – Beth Norton
- Questions/Discussion

Register now at this link.

Webcast: Rolling Out “Community-enabled Lifecycle Analysis of Stormwater Infrastructure Costs” (CLASIC) Tool

Thursday, 3/7/19 | 2 pm - 3:30 pm EST

Register Now!

The web-based “Community-enabled Lifecycle Analysis of Stormwater Infrastructure Costs” (CLASIC) tool is intended to support stormwater infrastructure planning and decisions using lifecycle costs to compare green, hybrid green-gray, and gray infrastructure practices. There are three main components to the CLASIC tool outputs: (1) life cycle costs; (2) assessed value of co-benefits (environmental, social, financial); and (3) performance. This webinar presents a rigorous framework of life cycle cost analysis for green and gray infrastructure, along with a live demo of CLASIC tool features and user interface. In addition, the webinar provides an overview of beta testing process for community engagement.

Pilot Course Announcement: E2460 Advanced Building Science Series I

FEMA will host a Pilot Course: E2460 Advanced Building Science Series May 13 - 16, 2019 at the EMI National Emergency Training Center (NETC) in Emmitsburg, Maryland.

This advanced-topics course addresses the ever changing challenges faced from flood and wind risk, through a comprehensive approach of planning, compliance, best-practice mitigation, and funding.

The four-day course is comprised of six half- and full-day modules to focus on:
1. Flood Provisions of the I-Codes and ASCE-24 (full-day)
2. Incorporating Future Conditions into Flood Design (half-day)
3. Strategies for Maximizing Floodproofing Success (half-day)
4. Steps to a Successful Elevation (full-day)
5. Wind Mitigation for Buildings: Policies & Procedures for Successful Recovery (half-day)
6. Critical Building Performance for Wind (half-day)

Applicants register using the FEMA Student Identification (SID) Number https://training.fema.gov/apply/notice.aspx

Submit the application no later than April 1, 2019 to the NETC Admissions Office. Mail, scan, or fax the application to: Email: netcadmissions@fema.dhs.gov

Ohio River Basin Flood Risk Management Workshop

Save the Date!

April 10 & 11, 2019
401 Kenton Lands Rd, Erlanger, 41018

The upcoming multi-state interagency Flood Risk Management workshop will:
- Unify and share information within the Ohio River Basin.
- Discuss the greatest needs and common threats in the Ohio River Basin.
- Share lessons learned within the Ohio River Basin, present flood risk management activities on Federal, State and Local levels.
- Discuss aspects important for common flood risk management activities in the Ohio River Basin.

The Ohio River Basin is a valuable asset providing abundant resources and significant economic, social and cultural benefits to the nation. The Basin spans 14 states and contains over 204K square miles. An integrated system of flood control projects within the Basin has prevented over $39B in damages, saved countless lives, and supported wise floodplain use. However, the Basin remains at risk from repetitive floods and insufficient resources to maintain aging infrastructure, threatening the 27 million residents. These risks continue to surface as fatalities in vulnerable populations, flood-wrecked communities, increased insurance costs, and other socioeconomic impacts.

More information to be published. Contact Megan M. Thompson Community Planner, Plan Formulation Section, Planning Branch US Army Corps of Engineers megan.m.thompson@usace.army.mil.
KAMM was formed in order to promote natural hazard mitigation and management in Kentucky. Our members represent local floodplain coordinators, planning and zoning officials, engineers, surveyors, GIS specialists, hydrologists, public safety and emergency managers.