



The B.F.E.*

*Base Flood Elevation



OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION

APRIL 2017

VISIT
WWW.OWRB.OK.GOV
FOR UPCOMING
TRAINING

OFMA/ASFPM FLOOD SYMPOSIUM	1, 2, 3
FAQS ON THE REMOVAL OF OBSOLETE DAMS,	3
INFO ON HMA PROGRAMS	3
WORDS FROM THE CHAIR	4
GOOD, BAD, UGLY	4
OFMA SPRING CONFERENCE	5
CAPITOL RUMBLINGS	6
FEMA ISSUES NEW ELEVATION CERTIFICATE FORM	6
NOTES FORM THE NFIP STATE COORDINATOR	7
DRT CORNER	7
FLOODPLAIN ADMINISTRATOR - OFMA MENTORING PROGRAM	8
OUR 2017 ASFPM NATIONAL CONFERENCE SPEAKERS AND TOPICS FROM OKLAHOMA	9, 10
2017 ADVANCED TRAINING DATES	10
THE NFIP GROUP FLOOD INSURANCE POLICY	11

OFMA & THE ASFPM FOUNDATION HOST STATE FLOOD RISK SYMPOSIUM, BY TOM LEATHERBEE, MCP, AINS, CFM, SYMPOSIUM CO-HOST

On March 28th, OFMA and the ASFPM Foundation hosted the first Oklahoma Flood Risk Symposium. The event, held at Rose State College in Midwest City, brought together 54 invited participants to discuss flood risk identification, hazard mitigation, disaster response and community resilience.

The event was kicked off by spotlight presentations designed to promote critical thinking and discussion about these topics. Janet Meshek, Manager/Principal Engineer with Meshek & Associates PLC, provided information about Identifying and Planning for Flood Risk. Ron Flanagan, Principal Planner with Flanagan & Associates, LLC, and Danielle Barker of the City of Bethany spoke about Disaster Response and

Community Recovery. Tim Lovell, Executive Director of the Disaster Resilience Network, explained the importance of Hazard Mitigation and Building Resilient Communities.

Following the spotlight presentations, the participants were divided into breakout groups for in-depth discussion of these topics. Each group was moderated by a representative of the ASFPM

First Oklahoma Flood Risk Symposium

- ⇒ Sponsored by OFMA and the ASFPM Foundation
- ⇒ 54 participants drawn from diverse organizations
- ⇒ Different from normal events - a discussion, not a training session
- ⇒ Sought to examine flood risk through multiple lenses and brainstorm solutions that apply across traditional boundaries
- ⇒ Morning presentations gave way to afternoon discussion groups. Group discussions led to creation of priority action items.



OFMA AND THE ASFPM FOUNDATION HOST STATE FLOOD RISK SYMPOSIUM BY TOM LEATHERBEE, MCP, AINS, CFM, SYMPOSIUM CO-HOST CONTINUED

(Continued from page 1)

Foundation and was charged with reporting out a summary of its discussion along with five potential action items for addressing flood risk. When the plenary group reconvened, the potential action items from each group were combined and ranked by each participant, resulting in the following five action items:

- Incorporate Economic Development and Community Revitalization into Hazard Mitigation and Disaster Recovery
- Expedite the Risk Identification Process and Remove Barriers to Product Release
- Restructure Training Curriculum to Address Intermediate Needs and Add Offerings for County and Rural Floodplain Management
- Create a Mechanism for Federal Funding of Master Drainage Plans
- Develop a Certification Program for Flood-Resilient Neighborhoods

Moving forward, OFMA will develop a comprehensive engagement strategy to work toward achieving these Priority Action Items as well as many of the other action items identified by the groups. The goals, tasks and benchmarks taken from that strategy will be incorporated into OFMA's Strategic Plan and will remain priorities for the Association. In addition, OFMA leadership is committed to maintaining the momentum and the connections that were built during the Symposium as we move forward toward reducing flood risk in our state.

OFMA extends its sincere appreciation to the ASFPM



OFMA AND THE ASFPM FOUNDATION HOST STATE FLOOD RISK SYMPOSIUM BY TOM LEATHERBEE, MCP, AINS, CFM, SYMPOSIUM CO-HOST CONTINUED

(Continued from page 2)

Foundation and Foundation members Tim Hillier, Matt Koch and Jerry Sparks for their support and assistance with the Symposium. OFMA would also like to thank Kait Laufenberg and Diane Brown of the ASFPM Executive Office, Symposium Co-Host Joe Remondini, Symposium Planning Committee members Monica Cardin and Gavin Brady, and OFMA volunteers Carolyn Schultz, Ana Stagg, Ellen Stevens, Bill Smith, Jeff Bigby, Marc Utley and Clark Williams.



NEW EPA RESOURCE - FAQs ON THE REMOVAL OF OBSOLETE DAMS, FROM DON WAYE, U.S. EPA - NONPOINT SOURCE CONTROL BRANCH, PHONE: 202-566-1170

EPA's Office of Water is pleased to announce a document that provides answers to frequently asked questions regarding the applicability of EPA programs on the removal of obsolete dams. Removal of these dams has been on the rise in the United States for a variety of reasons, including ecological restoration, economic development of communities, addressing concerns with localized flooding, improvement of recreational opportunities, restoration of fish spawning and migration, addressing safety issues for recreational users due to dan-

gerous hydraulics below dams, response to storm events and ensuring the safety of downstream communities. EPA has developed this document to assist non-government organizations, state and local officials, and private landowners in making decisions regarding the removal of obsolete dams. The document describes the impacts of obsolete dams on water quality and public safety, the permitting requirements for removal of these dams, and potential sources of funding that may be available to support removal of obsolete dams.

The document does not change existing policy on dam removal. The document, entitled Frequently Asked Questions on the Removal of Obsolete Dams, can be viewed at:

<https://www.epa.gov/cwa-404/frequently-asked-questions-removal-obsolete-dams>

For more information on this document, please contact EPA's Lisa Perras Gordon at gordon.lisa-perras@epa.gov or (404) 562-9317 or Donna Downing at downing.donna@epa.gov or (202) 566-1367.

INFORMATION ON THE HAZARD MITIGATION ASSISTANCE PROGRAMS

Hazard Mitigation Grant Program (HMGP) <https://www.fema.gov/hazard-mitigation-grant-program>

Flood Mitigation Assistance Grant Program (FMA) <https://www.fema.gov/flood-mitigation-assistance-grant-program>

Pre-Disaster Mitigation Grant Program (PDM) <https://www.fema.gov/pre-disaster-mitigation-grant-program>

WORDS FROM THE CHAIR, BY BILL SMITH, PE, CFM



Bill Smith, OFMA Chair and
DRT Coordinator

We have had a very different start to the new OFMA year. Our leadership has changed significantly since you voted for officers and regional representatives at the Annual Conference in September. Here are the following changes:

Vice Chair Kasie Stambaugh resigned for personal reasons and Past Chair Monica Cardin has re-assumed the reigns at Interim Vice Chair and very successfully completed the Spring Technical Workshop and is working on the Annual Conference. Monica is very talented and is organized and a true asset to OFMA.

Secretary Beth Wilhelm has been on medical leave for some time and we wish her the best in her recovery. Ana Stagg was appointed as the Interim Secretary until Beth

returns and we appreciate Ana's efforts.

Region 3 Representative - Jennifer Santino took another position with Pittsburg County and is no longer in Floodplain Management. David Sprouse who has been a Regional Representative in the past assumed the duties for Region 3.

Region 4 Representative - Phillip Beauchamp took a retirement package after 38 years of working and we will miss his efforts at the conferences and as Region Representative. Johnny Barron has taken Philip's position as Region 4 Representative.

Just at the Spring Technical Conference Mike Beaty, Region 5 Representative informed me of his resignation due to a change in position to a firm in Missouri, so Mike will be leaving the City of Stillwater and the State of Oklahoma. We wish him the best. I will be considering a re-distribution of Region 5 partially into Region 2 and partially into Region 4. This was considered about 10 years ago and we will re-examine that as a possibility. In the interim, if anyone in Region 5 would like to be the Regional Representative, please notify one of the Board officers.

I want to assure you that OFMA is still running as a smooth and "well-oiled" machine for our membership. I also want to make you aware of a

potential issue with ASFPM. There are six accredited states in the United States that run their own CFM program. Oklahoma, Texas, New Mexico, Arkansas, Illinois, and North Carolina. ASFPM would like all of the accredited states to require their membership to be ASFPM members and allow ASFPM to take over the running of the CFM program in our states. All six accredited states are opposing this proposal. ASFPM could do the following:

- 1) do nothing,
- 2) consider a compromise, or
- 3) decertify the six states.

Under the last option, we are ready to re-develop a professional program similar to the CFM program (currently trademarked by ASFPM) and perhaps have either a state program or combine with the other 5 states and create a regional program. The six states comprise 47% of all CFMs in the United States. Representatives of the six states will meet with ASFPM at the National Conference in Kansas City in a couple of weeks and have a face-to-face meeting to discuss the options. We will keep you apprised.

I would like to hear from our membership about whether you would want to pay ASFPM dues and continue your CFM under ASFPM, or "if push comes to shove" would support an independent professional state or local program.

TELL US SOMETHING GOOD, BAD OR UGLY - MONICA CARDIN, CCEA, CFM

As floodplain managers, we all have our favorite stories of lessons learned. We would like you to tell us something good, bad or ugly. Names can be changed, but so

many things happen and we want to spread the word!

Also, please let us know about any training needs you may have or topics you would like to attend at

the Workshop or Annual Conference.

Congratulations to Del City! CRS Class 6 as of May 1, 2017.

OFMA 2017 SPRING TECHNICAL WORKSHOP: COMMUNITY RESILIENCE: LESSONS LEARNED FROM THE 2015 FLOODS, BY MONICA CARDIN, CCEA, CFM



Monica L. Cardin, CCEA, CFM,
OFMA Acting Vice-Chair

The 2017 Spring Technical Workshop was held on Thursday, April 6, 2017, at the Hard Rock Hotel and Casino, 777 W. Cherokee Street, Catoosa, Oklahoma 74015. OFMA had 133 registered partic-



ipants. This year's theme was Community Resilience: Lessons Learned from the 2015 Floods; however, presentations included updates from the Oklahoma Water Resources Board and Yohanes Sugeng, P.E., CFM, State NFIP Coordinator; as well as the preliminary results from the Oklahoma Flood Symposium held on March 28, 2017 and the

introduction of the OFMA's Mentoring Program.

The majority of the morning plenary sessions were devoted to the 2015 floods. Ed Fite, CFM, Grand River Dam Authority spoke about the actual events and Matt Rollins, CFM, State Hazard Mitigation Officer, discussed recovery from the 2015 floods. Both



provided unique perspectives and useful information for floodplain management.

Other afternoon presenters provided valuable information on outreach and communication not only on floodplain management, but also on stormwater quality. One session explained how to conduct substantial damage/substantial improvement projects in Norman, Oklahoma.

Jeff Bigby, P.E., CFM, City of Broken Arrow, debuted a new presentation, "Municipal Floodplain Ownership and Maintenance." The subject was well received and will be incorporated into OFMA's Advanced Training workshops.

Another one of the goal of this year's workshop was to bring it back to a more technical and hands-on workshop. OFMA was very lucky to host the BFE



Point-and-Click Tools: Hands-On Open House. Contractors working in conjunction with FEMA on FEMA Risk MAP: Base Level Engineering provided live demonstrations to anyone who was interested during the afternoon. Several tables were setup with computers and users were able to see the non-regulatory products that are currently in the development stage. OFMA hopes to bring these kinds of experiences to the Annual Conference and other training opportunities.

Lastly, OFMA showcased its outreach tools- the traveling trunks, the TADD signs, the 3D flood model and the TADD calendar contest. This year OFMA tried something new and all workshop partic-



ipants who were interested were able to vote on this year's calendar contest entries. If one participated in the voting, one was entered into a drawing to receive a prize. For those that won, congratulations and thanks for participating! The 2017 Spring Technical Workshop was a huge success.

**SEPTEMBER 18-20, 2017
OFMA ANNUAL CONFERENCE
NORMAN, OKLAHOMA**

FREDDY FLOODWAY WANTS YOU TO SAVE THE DATE!

CAPITOL RUMBLINGS, BY TOM LEATHERBEE, CFM, INSURANCE AND REGULATORY AFFAIRS CHAIR, LEGISLATIVE DIRECTOR



Tom Leatherbee, CFM,
Insurance & Regulatory Affairs
Chair, Legislative Director

When the Session began, we read bills and created tracking databases, but we were seeing very little in the way of direct impact to OFMA members. That is, until one of our valued partners brought to our attention a bill that appears full of the dreaded "unintended consequences" and could severely hamper the ability of a community or a private contractor to

engage in mapping, hazard mitigation or disaster response activities. The bill, SB 630 by Senator Simpson and Representative Ownbey, is about privacy and drones.

The intent of SB 630 appears to be to prevent the government from spying on private citizens using unmanned aerial vehicles unless a warrant has been obtained. In this day and age, few would argue that this purpose is both valid and desirable. Getting caught up in this noble intent, however, would be the use of drone technology to obtain digital orthophotos and LIDAR topography or to image structures and land for disaster response and damage evaluation.

The unintended prohibitions contained in this bill would impact OFMA members, from surveyors using this technology to offer a better quality and more cost-effective product to local officials seeking to obtain data to improve risk identification or complete hazard mitigation grant applications. The prohibitions would also directly

impact OFMA, as they would effectively ground our newly-formed Drone Support Team, a dedicated group of licensed drone pilots who have volunteered their time and resources to assist the Disaster Response Team as it helps communities in time of need.

OFMA has reached out to the bill's sponsors to help educate them about these potentially devastating unintended consequences. As always, we stand ready to provide whatever assistance we are able in order to create a better piece of legislation for the citizens of Oklahoma.

For further information on any legislative issue, please feel free to contact Tom Leatherbee, OFMA Legislative Director, at legislative@okflood.org.

FEMA ISSUES NEW ELEVATION CERTIFICATE FORM, BY JEFF BIGBY, PE, CFM, OKLAHOMA CRS WORKGROUP CHAIRMAN



Jeff Bigby, PE, CFM, Oklahoma
CRS Workgroup Chairman

FEMA announced in a March 1st, 2017 bulletin that the newly revised Elevation Certificate (FEMA form 086-0-033) can now be ac-

cessed at: <https://www.fema.gov/media-library/assets/documents/160>. The form expires November 30, 2018. Surveyors, Engineers, and Floodplain Managers should be aware of the new form for use immediately. The Association of State Floodplain Managers (ASFPM) recommends that any user suggested changes or comments on the form be sent to: InsuranceCorner@floods.org. If OFMA members have questions on this issue or any CRS related topics, feel free to contact me at jbigby@brokenarrowok.gov.

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

OMB No. 1560-0008
Expiration Date: November 30, 2018

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-8.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name _____ **FOR INSURANCE COMPANY USE**
Policy Number _____

A2. Building Street Address (including Apt., Unit, Suite, or PO Box No.) or P.O. Route and Box No. _____
City _____ State _____ ZIP Code _____

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) _____

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) _____

A5. Latitude/Longitude: Lat. _____ Long. _____ Horizontal Datum: ☐ NAD 1983 ☐ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number _____

A8. For a building with a basement or endowment(s): _____ sq. ft.
a) Number of permanent flood openings in the endowment or endowment(s) within 1.0 foot above adjacent grade _____
b) Total net area of flood openings in A8.a _____ sq. ft.
c) Engineered flood openings? ☐ Yes ☐ No

A9. For a building with an attached garage: _____ sq. ft.
a) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
b) Total net area of flood openings in A9.b _____ sq. ft.
c) Engineered flood openings? ☐ Yes ☐ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number _____ **B2. County Name** _____ **B3. State** _____

B4. Map Panel Number _____ **B5. Suffix** _____ **B6. FIRM Index Date** _____ **B7. FIRM Panel (Effective) Revision Date** _____ **B8. Flood Zone(s)** _____ **B9. Base Flood Elevation(s) (Zone A0, see Base Flood Depth)** _____

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in item B9:
☐ FIRM Profile ☐ FIRM ☐ Community Determined ☐ Other/Source: _____

B11. Indicate elevation datum used for BFE in item B9: ☐ NAVD 1983 ☐ NAVD 1983 ☐ Other/Source: _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or otherwise Protected Area (OPA)? ☐ Yes ☐ No
Designation Code: _____ ☐ CBRS ☐ OPA

FEMA Form 086-0-033 (1/16) Replaces all previous editions. Form Page 1 of 8

NOTES FROM THE NFIP STATE COORDINATOR, BY YOHANES SUGENG, PE, CFM, OKLAHOMA WATER RESOURCES BOARD (OWRB)



Yohanes Sugeng, PE, CFM
NFIP State Coordinator

It has been an exciting spring for the Oklahoma Water Resources Board's (OWRB) Floodplain Management program. First of all, I would like to congratulate the many new Certified Floodplain Managers (CFMs) who passed the examination in February. As the role of floodplain manager continues to expand, I believe that the CFM program equips us to address many floodplain management issues within our communities. OFMA and OWRB provide many continuing education classes that will help you maintain your CFM certification and improve your knowledge of the most up-to-date floodplain management challenges. Please check the OWRB's website at

www.owrb.ok.gov regularly to find out about our classes.

Secondly, I would like to welcome two new employees to the OWRB's Floodplain Management section. Aaron Milligan started working for the OWRB in December 2016. He has a Masters degree from the University of Oklahoma in Environmental Science. Aaron worked with the OWRB before he moved to the City of Norman as a stormwater program specialist. After years of experience, he brings that knowledge to OWRB as a floodplain management specialist. The other new floodplain specialist is Jonathan Phillips. Jon graduated from the University of Central Oklahoma with a degree in geography. He has an extensive background in geographic information systems (GIS) and graphic design. Previously, Jon worked with the OWRB Dam Safety program and at Devon Energy. With such extensive



knowledge and experience, we believe that the addition of Aaron and Jon who are also new CFMs, will be a strong asset to the OWRB's Floodplain Management section.



Last but not least, we are very pleased with the success of the 2017 OFMA spring conference in Tulsa. Many topics related to the 2015 flood disasters such as recovery efforts, substantial damage/improvement projects, etc. were discussed. As part of the Risk Mapping Assessment and Planning (RiskMAP) program, FEMA introduced the Base Level Engineering (BLE) viewer at the conference. The BLE viewer will provide baseline modeling for several watersheds in Oklahoma equivalent to Zone A floodplains with estimated base flood elevation (BFE). The viewer will be available by Fall 2017.

DRT CORNER, BY W. B. "BILL" SMITH, PE, CFM, DRT COORDINATOR

As I write this on April 21, 2017, we are in the midst of an almost state-wide rain event with at least three flood warnings issued - Bird Creek, Caney River, and Illinois River in northeast Oklahoma. I have already received over 3 inches of rain since about 4 AM and it is now 11 AM. The forecast is for a wetter than normal spring and it looks like a nasty one. Please take the advance warnings from the National Weather Service and River Forecast Centers very seriously. We do not want to have deaths due to driving into floodwaters this spring.

Floodplain Managers need to work with their Emergency Managers for assisting

with forecasting of potential road closures and areas where individuals may need to be evacuated. If you are both an FPM and an EM, remember that once you do damage assessments as an EM you need to go back and do damage assessments as a FPM for Substantial Damage and compliance with the ordinance in your community. Don't forget to issue permits. Also watch for Substantial Improvement if a structure is damaged and permit SI also.

We continue to encourage communities to pre-sign for DRT response support, so if your community has not done so, this is a great time to sign-up.

I will be training at the Annual Conference. We propose to have ICS training during the time when the site tours are being performed so anyone who is interested, please let me know so I can arrange for the training. We have not had that training in a few years and it is time to do it again. If you are already ICS certified, please let me know.

Our OFMA DRT/DST Teams are ready, and equipped to support your community when is threatened by flooding or other natural disaster in a Special Flood Hazard Area.

Be safe out there!!

FLOODPLAIN ADMINISTRATOR - OFMA MENTORING PROGRAM

BY W. B. SMITH, P.E. CFM - OFMA CHAIR, CFM

One of my primary goals as Chair of OFMA this year is to create and implement the OFMA Mentoring Program for local floodplain administrators; whether they be "seasoned" or "newbie's". Sometime we all need a shoulder to lean on for support or for questions.

First, the Mentoring program would provide a source of support to local floodplain administrators who have questions or concerns about their duties and responsibilities or to provide guidance on resolution of technical concerns or situations in their community by having a source of experienced floodplain administrators who may have encountered similar situations.



Second, working with the Regional Representatives, the Floodplain Mentor would solicit support from the Floodplain Administrator and his/her superiors to see a beneficial value to join OFMA or to retain and have an active role in OFMA. This is intended to be a teaching and support program not only for the local floodplain administrator, but also the Chief Executive of the community (city, county, tribal nation), members of the administrative team of the community, and the supervisor of the floodplain administrator.

The OFMA Mentors would be paired

with the Regional Representative and schedule a meeting in the community to meet with the Floodplain Administrator, and key individuals in the community. This would be about a 1 to 2 hour meeting, perhaps at lunch time, to discuss the benefits of OFMA membership, the programs that OFMA is involved with, and opportunities that the OFMA Mentoring Program can bring to the local Floodplain Administrator or help coordinate to the community. The goal is to build a relationship between the community and OFMA and show the benefits - support, training, assistance with planning, permitting, grant programs, disaster response, mitigation of floodplain issues, stormwater issues, etc. that OFMA offers communities as members. More importantly it creates a positive relationship with the leaders of the community, knowing that an entity such as OFMA takes the time to come and talk with them about their community and their needs.

Once a meeting has been set, the OFMA Mentor and the Regional Representative will review the floodplain mapping and FIS to understand the limits of the SFHA, potential flooding issues, etc. Prior to the meeting the OFMA Mentor and the Regional Representative will develop a strategy of issues that OFMA can provide guidance and support to the community.

One meeting a month with one community would be the target goal for each Regional Representative. As time proceeds this may be adjusted, but to not overwhelm the Regional Representative or Mentor this should be a very achievable goal.



Mentors would be experienced floodplain administrators who volunteer their time. Mentors would be compensated for mileage similar to the OFMA training cadre. Expenses would be compensated at cost in accordance with OFMA reimbursable guidelines. All time for the Mentors and Regional Representatives would be volunteered.

We are accumulating a list of Mentors. If you would like to participate or a Mentor visit your community, please contact your Regional Representative or an OFMA Board member.



OUR 2017 ASFPM NATIONAL CONFERENCE SPEAKERS AND TOPICS FROM OKLAHOMA

REDUCING BARRIERS TO CRS ENTRY-INTRODUCING THE OKLAHOMA CRS TOOLKIT, MONICA L. CARDIN, CCEA, CFM, CITY PLANNER, CRS COORDINATOR

Communities in search of recognition for their sound floodplain management programs and premium discounts for their residents and businesses are increasingly looking toward joining the CRS. Unfortunately, too many of these communities quickly find that the barriers to entry too high and abandon their efforts. Local FPAs may never find the growing number of resources that exist to help with CRS applications, because it is too easy to get lost in credit calculation formulas and impact adjustment maps. In truth, it is possible to successfully complete the application process and achieve a Class 8 rating without delving into the more complicated activities, allowing communities to earn credit for their ongoing risk reduction activity, encouraging additional program improvements, and providing a starting point for future efforts. This presentation introduces the OFMA's CRS Toolkit, a part of OFMA's "Every Community Can Be a Class 8" outreach initiative and will demonstrate that a Class 8 rating is achievable for communities of all sizes and resources.

This is Session B2 on Tuesday, May 2, 2017 from 1:45pm to 3:15pm.

BUILDING AN EFFECTIVE LEGISLATIVE EDUCATION PROGRAM TO SUPPORT FLOOD RISK REDUCTION. TOM LEATHERBEE, AINS, MCP, CFM, OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION

Working with congressional and state legislative delegations is often an area of great concern for local officials and members of nonprofit professional organizations. Even setting aside the potential pitfalls related to tax-exempt status and lobbyist registration laws, most organizations and individuals are unable to find the right access, know the right timing or speak the right language, negating any impact they could have had on the legislative process.

In Oklahoma, we have built a successful flood risk legislative education program around three core concepts: building relationships by providing value, focusing on issue specific education, and finding triggers to engage coalitions.

This presentation will detail the building blocks of an effective legislative education campaign, explain how this campaign avoids areas such as impermissible lobbying activities, and take a closer look at some of its components, including the Map Change Assistance Program.

This is during Session F9 on Wednesday, May 3, 2017 from 3:30pm to 4:00pm.

STORMWATER MANAGEMENT - NAI, THE STATE OF THE ART. RON FLANAGAN, CFM, FLANAGAN & ASSOCIATES

The Nation's Floodplain Management Program has come a long way since its beginnings in 1969.

The Presentation will identify the current 2016 State of the Art in Floodplain and Stormwater Management as practiced in the United States, with an emphasis on Tulsa, Oklahoma, widely acknowledged as a national leader in the field.

The Presentation will cover The Natural Floodplains; Stormwater Law; The Impact of Urbanization; and No Adverse Impact. In addition, the Presentation will discuss remaining existing challenges yet to be resolved, such as Overland Flow and The Impact of Urban Development on Natural Channels.

This is Session F8 on Wednesday, May 3, 2017 from 3:30pm to 4:00pm.

KINGFISHER, OK: SMALL TOWN MAKES IT BIG THROUGH COLLABORATION. RITA HENZE, RWA, R/W-NAC, CFM, MESHEK & ASSOCIATES

Built between the confluence of 2 creeks in 1889, the City of Kingfisher, has had a long history of flooding and been studied numerous times resulting in big price tags. In 2007, the City experienced its worst flood ever and set out to build a coalition of agencies and funding to mitigate its flooding. City leaders, officials, and flood victims joined County officials, the Kingfisher County Conservation District, the Oklahoma Conservation Commission (OCC), and the U.S. Natural Resources Conservation Service (NRCS) to develop a mitigation plan consisting of voluntary acquisition and floodproofing. With the assistance of a state legislator, City advocates convinced the State Legislature to fund up to \$4 million in flood control measures through OCC.

With \$4 million in seed money, City leaders learned that approximately \$14 million in FEMA Hazard Mitigation Grant Program (HMGP) funds were available from recent disasters. The City worked closely with the Oklahoma Department of Emergency Management (OEM), and in 2012, Kingfisher was awarded \$6 million in matching HMGP funds to acquire 48 structures voluntarily and floodproof 2 structures.

(Continued on page 10)

OUR 2017 ASFPM NATIONAL CONFERENCE SPEAKERS AND TOPICS FROM OKLAHOMA, CONTINUED

(Continued from page 9)

The project faced numerous hurdles, some due to the funding complexity, some related to citizen skepticism, and some politically-motivated. Regardless, the City acquired 34 structures and floodproofed 1 structure.

When a FEMA HMGP Pilot Closeout (Program) for Uncommitted 2010-2013 Funds became available in 2015, OEM notified the City of its eligibility for an additional \$6.7 million. Using residual funds from leveraging funds in Phase 1, the City had matching funding available for Phase 2 for the acquisition of 63 structures.

In 2015, the Phase 1 acquisition area flooded again, but this time there were no structures or lives at risk. In 2019, when Phase 2 is finished, everyone in Kingfisher Creek floodplain will have been given the chance to relocate outside harm's way. Flooding will still occur in Kingfisher, but because of its collaborative effort, the City will be more resilient. Participants will learn about building successful collaborations and funding mechanisms and potential obstacles to improve community resiliency.

This is Session C1 on Tuesday May 2, 2017 from 4:15pm to 4:45pm.

ZONE AO CHALLENGES IN OKLAHOMA'S PRAIRIE HEARTLAND JANET K MESHEK, PE, CFM, SR/WA, MESHEK & ASSOCIATES

In 2015, the City of Woodward set out to implement a plan to deal with antiquated inaccurate floodplain mapping. A northwestern Oklahoma community adjacent to the North Canadian River, Woodward has a downtown business district covered by a large blanket Zone AO from two "human-caused" overflow sources. Both streams were constructed to divert stormwater away from its natural watercourse, one to accommodate a railroad (Unnamed Tributary) and the other to accommodate development (Woodward Creek Tributary). Floodplain maps date back to the 1970's and using USGS 15-minute quadrangles with 10-foot contours to develop floodplains.

Woodward is a small community with a lot of pride in its heritage. Numerous attempts to revitalize its historic downtown area had failed to overcome its biggest hurdle - the negative implications associated with building or renovating in a flood zone.

To fund its needed improvements, this progressive prairie community developed a Stormwater Utility Fee. This fee was then used to fund new HEC-RAS 1D and 2D modeling of the affected streams and overflow areas to determine a more definitive floodplain using LiDAR data accurate to 1-foot contours. Currently because of the AO zone, buildings must be floodproofed to 1 foot above the HAG. This requirement is complicated by the fact that most buildings share common walls with adjacent buildings.

Upstream from the AO zone on the Unnamed Tributary, the City and County own property with a damaged high hazard dam in need of emergency repairs and improvement. Plans were developed to rebuild the dam, meet the requirements of the Oklahoma Water Resource Board dam safety requirements and add additional storage to reduce downstream flows significantly. This project will be completed in the Spring of 2017.

In addition, the design and construction of a stormwater detention facility immediately upstream from Highway 412 is underway to eliminate overflow from Unnamed Tributary. This stormwater project will be followed by the design and construction of another stormwater detention facility on Woodward Creek Tributary which will eliminate the AO zone completely. Participants will learn how any community, no matter the size, can become flood-resilient through careful planning, creative funding, and progressive leadership.

This is Session B8 on Tuesday, May 2, 2017 from 2:15pm to 2:45pm.

2017 Advanced Training Dates

Date	Class	Location
11-May-17	OFMA Advanced Course	Oklahoma Employees Credit Union 15100 N. May Ave. Edmond, OK 73013
18-May-17	FPM 303	Oklahoma Water Resources Board 3800 N. Classen Blvd. Oklahoma City, OK 73118
June 12-16, 2017	FEMA L-273 Week Long CFM Course	Cherokee Nation Headquarters 17725 S. Muskogee Ave. Tahlequah, OK 74464
Register for a Class		

THE NFIP GROUP FLOOD INSURANCE POLICY: A HYBRID BETWEEN INSURANCE AND DISASTER ASSISTANCE, FROM [THE NFIP eWATERMARK](#)



The NFIP Group Insurance Policy is not the typical flood insurance policy. For one thing, this “policy” lasts for three years; it is not the traditional single year policy. It is actually a form of disaster assistance offered by the state in coordination with FEMA and the National Flood Insurance Program (NFIP). Called a Group Flood Insurance Policy (GFIP), it is part of the FEMA Individual and Households Program (IHP).

What Is the GFIP?

The GFIP is a 3-year policy that is part of a Master Policy. It is issued in a State's name, not to the individual property owner. It is offered to owners and renters to provide insurance to protect their property and usually becomes effective 60 days after a Presidentially declared disaster. The GFIP is not available after all disasters.

If a GFIP is being made available following a disaster, those applicants receive a letter from FEMA's IHP notifying them that they may be eligible for this assistance. The policy cost is \$600 for the three-year period; it is paid for out of the IHP disaster grant award to help the property owner following a flood loss.

The policy is serviced by the NFIP Direct Servicing Agent and is not sold through private insurers like the typical NFIP flood insurance policy. Once the NFIP Direct receives the full premium payment and the property owner's name and property address, a 30-day waiting period is applied.

Following the waiting period, a letter with an individual certificate, summary

of coverage, and addendum of items not covered under the GFIP will be sent to the property owner, and a copy of the certificate is sent to the State. Throughout the course of the policy term, the property owner will receive several letters with updates and notices. The recipient will also receive notices prior to expiration of the GFIP indicating that the policy will expire and that in order to be eligible for future disaster assistance, he or she must purchase his or her own policy through the NFIP and is advised to contact a local insurance agent or call the NFIP Direct.

The GFIP Is Not the Usual NFIP Coverage

The GFIP is not a “full-scale” NFIP flood insurance policy. It provides less coverage than the regular policy: a maximum amount of coverage, currently \$31,900, to be used for building, contents, or a combination of both. It also includes a \$200 deductible for building and contents coverage. The limit is adjusted every October and is based on the Consumer Price Index (CPI).

It is important to note that in most cases, the amount provided under the GFIP is not enough to insure the property to its full replacement cost value. To remedy this, owners would be advised that they can purchase their own flood insurance policy at any time during the three-year period by contacting a licensed property insurance agent or broker for a quote. Once a SFIP through the NFIP has been purchased and is-

sued, the GFIP is cancelled automatically and becomes null and void.

Federal Requirements for Recipients of Federal Disaster Assistance

When property owners receive financial assistance from the Federal Government following a Presidentially declared disaster, they may be required to purchase flood insurance coverage. This requirement is mandated under the National Flood Insurance Reform Act (NFIRA) of 1994. It is imposed when a building has been damaged and is located in an area that is at high risk of flooding. These high-risk areas are called Special Flood Hazard Areas (SFHA).

The NFIRA requirement applies to insurable buildings and personal property located in the SFHA that has been damaged by the disaster event. Financial assistance can come in the form of Federal disaster assistance grants or loans.

After the GFIP - Next Steps

The GFIP is only an interim policy after a major disaster. Once a property owner receives Federal financial disaster assistance, he or she must obtain a flood insurance policy within three years to protect that address. The property owner must inform any buyer of this requirement.

While GFIP is not a policy that you can provide to the property owner, knowing a little background can help you help your neighbor after a disaster—and it can be the road to providing a policy in the next few years.

For more information, go to www.disasterassistance.gov.



Oklahoma Floodplain
Managers Association, Inc.
PO Box 8101
Tulsa, OK 74101-8101

ADDRESS CORRECTION
SERVICE

FUNDING ACKNOWLEDGEMENT

Funds to produce *The B.F.E.* come in part from the National Flood Insurance Program and State Support Services Element of the Community Assistance Program, which is administered by the Federal Emergency Management Agency.

VISIT US AT
WWW.OKFLOOD.ORG

Ex Office:
Ms. Julie Cunningham
Interim Executive Director
Oklahoma Water Resources Board
3800 North Classen Blvd
Oklahoma City, OK 73118
Phone: (405) 530-8800
Fax: (405) 530-8900

Chair:
Mr. Bill Smith, PE, CFM
Hydropower International Svcs.
28508 W. 41st Street South
Mannford, OK 74044
Phone/Fax: (918) 865-6977
Cell: (918) 625-2449
wbsmith@hisinc.us

Acting Vice Chair:
Ms. Monica Cardin, CFM, CCEA,
CCEO
City of Del City
3701 SE 15th St.
Del City, OK 73115
Office: 405-670-7315

Acting Secretary:
Ms. Ana Stagg, PE, CFM
Meshek & Associates, PLC
1437 South Boulder Avenue, Ste 1550
Tulsa, OK 74119
Phone: (918) 392-5620
Fax: 918-392-5621
Cell: 918-630-1782
astagg@meshekengr.com

Treasurer:
Ms. Carolyn Schultz, CFM
Corps of Engineers—Retired
3527 South 401st West Avenue
Mannford, OK 74044
Phone: (918) 906-3922
cschultz@cimtel.net

Region 1 Co-Representative:
Mr. Todd McLellan, PE, CFM
City of Norman
201-A West Gray St
Norman, OK 73069
Phone: (405) 217-7704
Fax: (405) 366-5418
Todd.McLellan@NormanOK.gov

Region 1 Co-Representative:
Ms. Anna Waggoner, PE, CFM
City of Yukon
532 West Main St
Yukon, OK 73085
Phone: (405) 350-8930
awaggoner@cityofyukonok.gov

Region 2 Representative:
Mr. J. Gavin Brady, CFM
OWRB (Retired)
1816 S. Carson Ave. #328
Tulsa, OK 74119
Phone: (918) 520-8024
jgbrady61@gmail.com

Region 3 Representative:
Mr. David Sproule CFM
City of Madill
201 East Overton
Madill, OK 73446
580 795-5333
david@cityofmadill.com

Region 4 Representative:
Mr. Philip Beauchamp
509 S. Main
Altus OK 73521-3135
Phone: (580) 481-2228

Region 5 Representative:
Mr. Mike Beatty, PE, CFM
City of Stillwater
723 S. Lewis Street
Stillwater, OK 74074
(405) 742-8215
mbeatty@stillwater.org

Past Chair:
Ms. Monica Cardin, CFM, CCEA,
CCEO
City of Del City
3701 SE 15th St.
Del City, OK 73115
Office: 405-670-7315
mcardin@cityofdelcity.org

Honorary Board Member:
Mr. Joe Remondini, PE, CFM
PDCC Chair
PO Box 8101
Tulsa, OK 74101
Phone: (918) 361-8636
jremondini@aol.com

Honorary Board Member:
Mr. Ken Morris
Oklahoma Water Resources Board
Retired
5400 E. Tecumseh Rd.
Norman, OK 73026
Phone: (405) 573-7990

State NFIP Coordinator:
Mr. Yohanes Sugeng, PE, CFM
Oklahoma Water Resources Board
3800 North Classen Blvd
Oklahoma City, OK 73118
Phone: 405.530.8800
Fax: 405.530.8900
Yohanes.sugeng@owrb.ok.gov

BFE Editor:
Ms. Janet K. Meshek, PE, CFM, SR/WA
Meshek & Associates, PLC
1437 South Boulder Avenue, Ste 1550
Tulsa, OK 74119
Phone: (918) 392-5620
Fax: 918-392-5621
Cell: 918-688-1400
jmeshek@meshekengr.com

Honorary Board Member:
Mr. Ronald D. Flanagan, CFM
R.D. Flanagan & Associates
3015 E. Skelly Drive, Suite 270
Tulsa, OK 74105
Phone: (918) 749-2696
Cell: (918) 830-5037

