

The BFE*

* BASE FLOOD ELEVATION

INSIDE THIS ISSUE

2023 Spring Technical Workshop	1
Words from the Chair	2
OWRB Training	3
Progress Continues of Oklahoma State Flood Plan	4
Save the Dates	4
Calling Grade School Artists!	5
OFMA DRT Corner	6
Community Rating System Online Resources	7
OFMA Board	8

2023 Spring Technical Workshop April 12, 2023

Hard Rock Hotel and Casino Tulsa
777 West Cherokee Street
Catoosa, OK, 74015

To register online click the button below. If you prefer to pay by check or receive an invoice, please download the pdf and send it along with your payment to:

OFMA
Attention: Carolyn Schultz
PO Box 8101
Tulsa, OK 74101-8101

Workshop fees will be \$75 for members and \$100 for non-members.

CEU certificates will be emailed to the participants

[REGISTER NOW](#)





Words from the Chair

Lincoln Irvine PE, CFM | OFMA Chair

Congratulations to OFMA's new Chair

Lincoln currently serves as a roadway & hydraulics/hydrology engineer for a vast array of publicly funded transportation projects. He is experienced in providing drainage solutions and engineering designs for various ODOT and county projects and has been recruited specifically for challenging drainage projects.

As part of a multi-disciplinary engineering design team for a large scale project, he served as a drainage lead as part of a drainage design team. Lincoln is also proficient in analyzing hydrology and hydraulics, mapping floodplains, evaluating storm water systems, storm water treatment, and permitting.

Lincoln has a degree in civil engineering from the University of Utah. He is a Professional Engineer in Utah, California, and Oklahoma and a Certified Floodplain Manager in Oklahoma.

As the new year begins, thoughts of resolving to do better and improving as an individual come to mind. That leads me to think about the tremendous impact that the OFMA organization has had and can have on its members. Being a member of OFMA, I think of all that I have learned from the organization and am excited for what is to come. As a board, we have discussed all the good that OFMA brings. We understand there are often some difficult challenges to overcome, but we look to our goals to lead the way. The OFMA leadership is enthusiastic about welcoming new stormwater members to its organization. Promoting stormwater is a worthwhile goal.

We have reorganized the OFMA organization to direct more of its resources to what makes more sense. One of these new committees is the OFMA Stormwater Committee. The committee is tasked with the essential act of providing for and representing its stormwater members. OFMA, with its new stormwater committee, is working towards a stronger emphasis on stormwater development, training, and certification. Additionally, the committee is considering some rebranding options to add an "S" to the logo to help associate Stormwater with being a part of the organization."

Our next major OFMA activity is the Legislative Reception, Wednesday, February 22, 2023, from 11:30 a.m. to 1:30 p.m., at the state capitol building. All OFMA members are

welcome to attend. Even if you can't attend, you can help out. When we get closer to the date, please contact your representative and senator and encourage them to attend. OFMA will send out invitations and make contacts, but there is nothing like hearing from a constituent to get their attention. You can find their contact information by clicking on Find my Legislator at <https://www.okhouse.gov> or clicking on, Find My Senator at <https://oksenate.gov>.

Finally, OFMA would like all its members to attend the 2023 Spring Technical Workshop on April 12 at the Hard Rock Hotel and Casino in Tulsa. We are anticipating a spectacular conference in Tulsa this year. OFMA's technical conference and the annual conference are great options for learning how your peers are handling issues and options for applying new technologies to solve problems. Registration and agenda details will be available when they are complete.

We anticipate a wonderful year ahead. We encourage you to take some time to consider how you can better identify, manage and even mitigate flood risk in your community, and share it. Make it a goal to contribute, and as a result, we can all be better.


Sincerely,

Training Calendar

The OWRB offers the following resources to educate and train floodplain management professionals on effective floodplain management practices and requirements. Floodplain administrators can earn credit toward Oklahoma's accreditation requirements by attending an approved conference or workshop, or completing [FEMA's online courses](#). Be sure to save completed course certificates for accreditation purposes and send a copy to Jon Phillips, jon.phillips@owrb.ok.gov.




[Register for a class today!](#)

Space is limited. Courses, dates, and locations are subject to change or cancellation.


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Sign up for the latest news and updates from the OWRB.

Floodplain Management

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Training Calendar

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[Register for a class today!](#)

Space is limited. Courses, dates, and locations are subject to change or cancellation.

OWRB Courses

Feb 21, 2023	FPM 101	Canadian Valley Tech Center	1401 Michigan Ave, Chickasha, OK 73018
Mar 15, 2023	FPM 101	Frisco Center	101 S 4th St, Clinton, OK
May 16, 2023	FPM 101	OHP Training Center	3600 N MLK Blvd, OKC, OK 73111
Jun 13, 2023	FPM 101	Eastern OK University	1802 College Ave, McAlester, OK 74501
Jul 11, 2023	FPM 202	Canadian Valley Tech Center	1401 Michigan Ave, Chickasha, OK 73018
Aug 22, 2023	FPM 101	OHP Training Center	3600 N MLK Blvd, OKC, OK 73111
Sep 12, 2023	FPM 101	Central Park Community Center	1500 S Main St, Broken Arrow, OK 74012
Oct 17, 2023	FPM 202	OHP Training Center	3600 N MLK Blvd, OKC, OK 73111
Nov 14, 2023	FPM 202	Eastern OK University	1802 College Ave, McAlester, OK 74501

OFMA Advanced Courses

Feb 21, 2023	Canadian Valley Tech Center	1401 Michigan Ave, Chickasha, OK 73018
Mar 15, 2023	Frisco Center	101 S 4th St, Clinton, OK
Apr 19, 2023	GRDA Eco Center	420 HWY 28 Langley, OK 74350
May 16, 2023	OHP Training Center	3600 N MLK Blvd, OKC, OK 73111
Jun 13, 2023	Eastern OK University	1802 College Ave, McAlester, OK 74501
Jul 11, 2023	Canadian Valley Tech Center	1401 Michigan Ave, Chickasha, OK 73018
Aug 22, 2023	OHP Training Center	3600 N MLK Blvd, OKC, OK 73111
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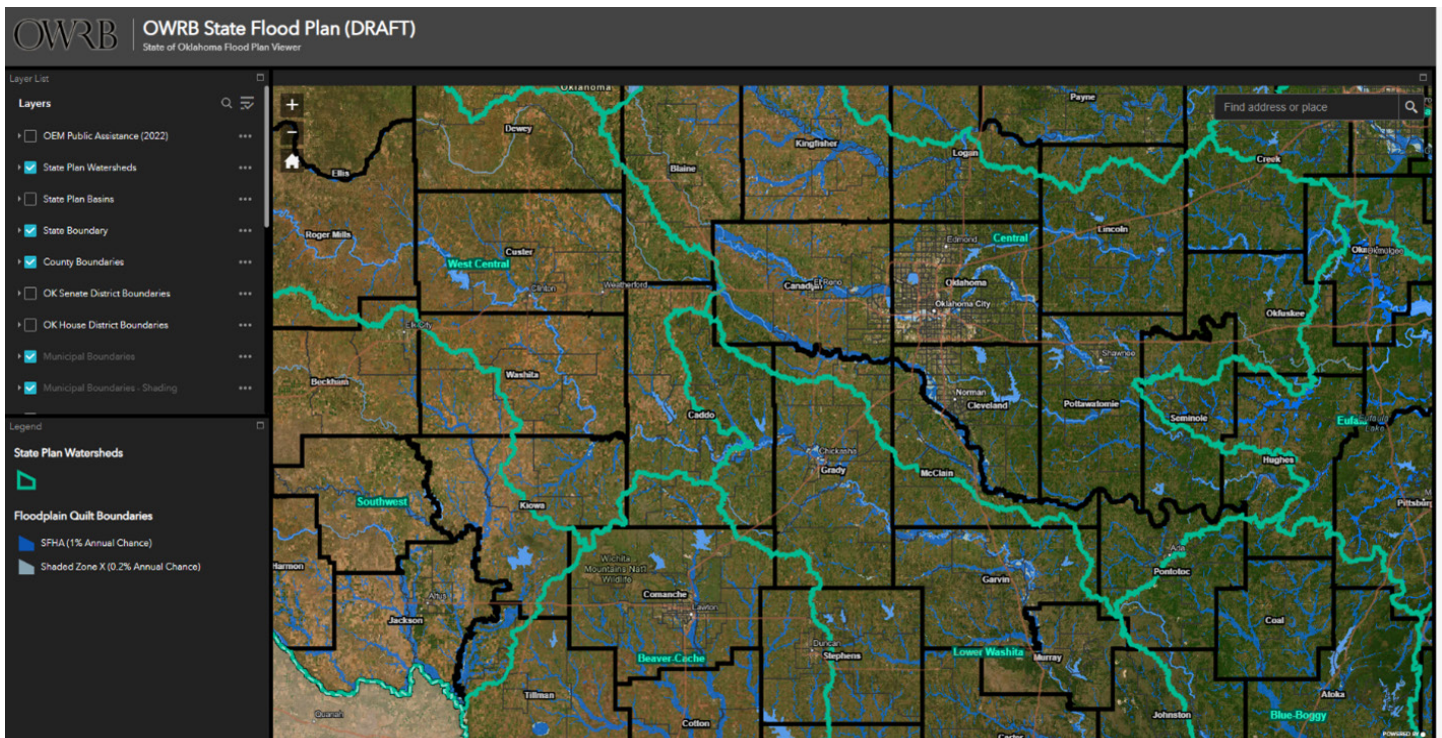


Progress Continues of Oklahoma State Flood Plan

Aaron Milligan, CFM | OWRB, Environmental Programs Manager

The Oklahoma State Flood Plan team presented updates to the Plan at the Governor's Water Conference in December. Additionally, State Legislators were briefed on progress and shown a demonstration of the GIS viewer under development. The presentation and brief generated valuable feedback for continuing work on the Plan.

The data collection phase of the Plan is nearing completion, pending a meeting with the Oklahoma Department of Transportation to discuss flood risk to roads and transportation infrastructure. The next phase of the Plan will include discussions of flood risk reduction, flood "hot spot" analysis, and identification of factors for prioritization of flood mitigation projects. The expected completion date for the Plan is late 2023.



2023 SAVE THE DATES

2023 Spring Technical Workshop

April 12, 2023

Hard Rock Hotel and Casino Tulsa
777 West Cherokee Street
Catoosa, OK 74015

2023 Stormwater Quality Technical Workshop

July 19, 2023

Embassy Suites Oklahoma City
Will Rogers World Airport
1815 South Meridian
Oklahoma City, OK 73108

2023 Annual Fall Conference

September 17-20, 2023

River Spirit Casino
8330 Riverside Pkwy
Tulsa, OK 74137

Calling Grade School Artists!

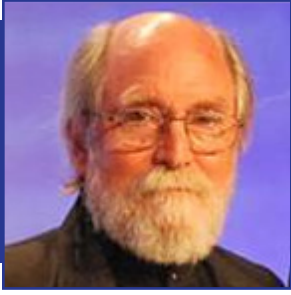
Turn Around Don't Drown Flood Safety Poster Contest

Each year more deaths occur due to flooding than any other thunderstorm-related hazard. Why? The main reason is people underestimate the force and power of water. Many of the deaths occur in automobiles that are swept downstream. Many drownings are preventable, but too many people continue to drive around the barriers that warn you that the road is flooded and Turn Around Don't Drown. Participation in the Turn Around Don't Drown Flood Safety Poster Contest helps children learn and inform their parents about flooding hazards. A particularly timely subject given

last year's record flooding. Plus, students and their teachers could win cash prizes. If this is something your local school (third through fifth graders) would like to participate in, please contact your Region Representative (contact information on Page 8) to receive 2023 OFMA calendars, including this year's calendar contest guidelines.

Calendar submission deadline is April 1, 2023.





OFMA DRT Corner

Rev. W. B. "Bill" Smith, PE, CFM | OFMA DRT Coordinator

Many have heard me talk about this graphic – from a stormwater runoff, stormwater quality, and floodplain perspective and how they interact with each other. As the rain falls (stormwater management), it flows overland or in ditches or culverts and eventually reaches a floodplain (floodplain management). Along the way, it picks up oil, grease, trash, and contaminants (stormwater quality).

But now think about how this same interaction is affecting Disaster Response. California is the latest and best example, along with China and other parts of the world, responding to the havoc of severe and extreme storm events in the past eight weeks.

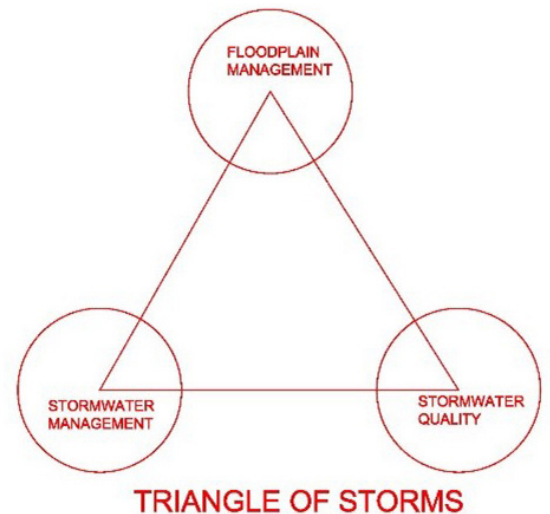
These severe rains cause excessive stormwater runoff. During that severe stormwater runoff, mudslides occur, and houses and structures are swept off their foundation. They are destroyed, creek banks are collapsing, and structures, pavement, bridges, culverts, and pipes are now floating or rolling down the streams, creeks, and rivers – contaminating everything that is flooded.

Sanitary and storm sewers are overflowing, causing grey water affecting humans, animals, plants, and anything being touched. And again, as the stormwaters grow in magnitude and flow with the contaminated stormwater quality, they reach the floodplains, contaminating everything in sight and out of sight. Then the storm stops, the water recedes, and the debris and contamination is left on the overbanks and channel slopes. Much of this is never cleaned up – left to be washed away by future rainfall events, mulched during mowing, or just left to decay – 200 years for a polyethylene bottle.

I watch the first responders as dedicated professionals – firefighters, police, emergency management, and electrical crews – putting their lives in harm's way – running toward the disaster instead of away. Subject to health risks, physical harm, and emotional stress – as are their families who worry about those on the front lines during disasters. Next time you see one of these very special first responders – reach out, shake their hand, and thank them for their dedication to helping others in need.

As we used to hear on Hill Street Blues from Sgt. Phil Esterhaus – "Let's be Careful out there".

And don't forget – Spring is around the corner – you still have time to clean out ditches and culverts to allow the floodwaters to flow.



Community Rating System Online Resources

Originally published from the National Flood Insurance Program Community Rating System – December 2022/January 2023 Newsletter.

If you cannot find information about the CRS or a document you need, please notify your ISO/CRS Specialist or NFIPCRS@iso.com. Below are helpful guidance documents and general information that can be found on the CRS Resources website.

[Making Corrections to the Repetitive Loss List](#) is a one-page CRS handout that describes the new procedure communities submit to FEMA corrections to the repetitive loss list, using the Repetitive Loss Update Worksheet, also known as the AW-501.

[CRS Credit for Stormwater Management](#) is a full guide, including examples, to help communities tailor their stormwater management and watershed management programs in ways that reduce flood losses, protect natural processes, and earn CRS credit. This 2020 edition provides background on the creditable management techniques, discusses the legal aspects of such management, and describes various ways to document the creditable activities.

Webinar Schedule—This is posted on the [Training & Videos page](#) of the CRS Resources website. All classes begin at 1 p.m. Eastern/10 a.m. Pacific.

- January 17 Annual CRS Requirements
- January 18 CRS and Higher Regulatory Standards
- February 21 Introduction to the CRS
- February 22 Flood Warning & Response (Activity 610)
- March 21 Preparing an Verification Visit
- March 22 Stormwater Management Regulations (Activity 450)
- April 18 Annual CRS Requirements
- April 19 CRS & Floodplain Species Assessment

Issues of the “NFIP/CRS Update” newsletter (and now the “Community Rating System Newsletter,” can be found [here](#). The new newsletter will be posted on FEMA.gov soon.

[Success with CRS](#) is a website with articles about the many ways communities have found their own types of success through the CRS.

Resources to Promote Flood Insurance

The [FloodSmart](#) website and its [agents page](#) have an array of materials targeted toward consumers and insurance specialists. [NFIP Claims Handbook](#) (FEMA F-687) guides policyholders in filing claims for flood damage. There are free materials available from [FEMA's media library](#).

Funding Acknowledgment

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

The Oklahoma Floodplain Managers Association publishes the BFE, Inc. Information and opinions contained herein do not necessarily reflect the views of the Board of Directors. Items for publication and other editorial matters should be directed to:

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