

TEXAS FLOODPLAIN MANAGEMENT ASSOCIATION

36th Annual Meeting
March 19-22, 2024
Grand Hyatt
San Antonio





Who is TFMA?

Floodplain Management is Our Passion

The Texas Floodplain Management Association (TFMA) is an organization of professionals in floodplain management, flood hazard mitigation, the National Flood Insurance Program (NFIP), flood preparedness, warning and disaster recovery. The Association has become a respected voice in floodplain management practice and policy in Texas.

The Association includes flood hazard specialists from local, state and federal agencies, the mortgage, insurance and research communities, and the associated fields of flood zone determination, engineering, hydraulic forecasting, emergency response, water resources, geographic information systems, and others.

The Annual Meeting

Get ready for an event that will revolutionize the way you approach floodplain management! The Annual Meeting is here to empower floodplain professionals, stormwater management experts, water resources engineers, and professionals in public and private sectors. At this highly anticipated gathering, you'll have the opportunity to expand your knowledge and skills through a range of continuing education sessions, workshops, and plenary sessions. Our presenters will delve into the latest trends, techniques, and challenges in the field, ensuring you stay at the forefront of your profession.

But it's not just about the educational sessions. The Annual Meeting is also a fantastic networking opportunity. Connect with like-minded individuals, share experiences, and forge valuable relationships that will benefit you professionally and personally. And don't miss out on the "Appreciation Dinner" where you can enjoy a delicious meal while engaging in meaningful conversations with your peers and enjoy the evening full of activities. And don't forget to explore the exhibitor hall, where you can discover the latest products, technologies, and services serving the industry. Engage with industry-leading exhibitors and sponsors who are dedicated to supporting your professional growth and success.

Whether you're a seasoned professional or just starting out in your career, the 2024 TFMA Annual Meeting has something for everyone. Immerse yourself in a world of knowledge, connect with industry leaders, and leave inspired and equipped to make a difference in your work. Don't miss out on this unparalleled opportunity to learn, grow, and network.

We look forward to welcome you to TFMA's Annual Meeting!

ACCREDITATION STATEMENT

The Texas Floodplain Management Association is ASFPM accredited to provide continuing education credits for Certified Floodplain Managers (CFM®). Upon final program review, Texas Floodplain Management Association will designate this program for a maximum number of CEC hours and participants should claim only the credit commensurate with the extent of their participation in the activity.





Schedule at a Glance

(CEC hours and times subject to change)

Tuesday, March 19

7:00 am - 5:00 pm

Registration

7:00 am - 8:00 am

Continental Breakfast

8:00 am - 12:00 pm (3.5 CECs)

Optional Workshops

Noon - 1:00 pm

Lunch on your Own

1:00 pm - 5:00 pm

Optional Workshops Continue

5:00 pm

Adjourn for the Day

Wednesday, March 20 *(up to 7 CECs)*

7:00 am - 5:00 pm

Registration

7:00 am - 8:00 am

Continental Breakfast

8:00 am - 12:00 pm

Opening Keynote

Plenary Session

9:00 am - 12:00 pm

CFM Exam *(approved applicants only)*

See back page for information

12:00 pm - 1:30 pm

Lunch on your Own

1:30 pm - 5:00 pm

Concurrent Sessions

5:00 pm - 6:00 pm

Welcome Reception with Exhibitors

Thursday, March 21 *(up to 6.5 CECs)*

7:00 am - 5:00 pm

Registration

7:00 am - 8:00 am

Continental Breakfast

8:00 am - 11:30 am

Plenary Session

11:30 am - 1:30 pm

Membership and Awards Luncheon

2:00 pm - 5:00 pm

Concurrent Sessions

5:30 pm - 9:00 pm

Appreciation Celebration - *Night in Old San Antonio*

Friday, March 22 *(up to 3.5 CECs)*

7:30 am - 12:00 pm

Registration

7:00 am - 8:00 am

Continental Breakfast

8:00 am - 12:00 pm

Friday Workshops*

(included with Full Conference Registration)

** If you did not register for Full Conference, these Friday workshops may be purchased for an additional fee.*

A Note about Workshops

Tuesday All Day workshops are optional and can be purchased for an additional fee with or without full conference registration.

Friday Half day workshops are included in your full conference registration. Friday workshops are available for an additional fee if you did not purchase the full conference registration.



11th Annual J. Mike Howard Lectureship Wednesday, March 20 - Opening Keynote

The J. Mike Howard Lectureship was established in 2014 as the opening Keynote Address at the Annual Meeting held in Irving. The inaugural speaker was Dr. Sam Brodie, and other distinguished speakers have been invited to open the Annual Meeting ever since. This special lectureship series is established in honor of the late James Mike Howard, former Texas NFIP Coordinator, in an effort to keep Mike's vision alive of advocating that "no lives or property would ever be lost as a result of flooding."

Who will present the 11th Annual Lectureship? Stay tuned!

TFMA Exhibit Hall - Tuesday, March 19 -Thursday, March 21

Plan to visit with many companies providing products and services you need to do your job best. Exhibit hall hours are:

Tuesday, 1:00 pm - 5:00 pm Wednesday, 7:00 am - 6:00 pm Thursday, 7:00 am - 5:30 pm

Welcome Reception with Exhibitors

Wednesday, March 20, 5:00 pm - 6:00 pm

Join your colleagues and new found friends in the exhibit hall for great door prizes and your chance to give a BIG THANK YOU to our sponsors and exhibitors.

Membership and Awards Luncheon

Thursday, March 21, 11:30 am - 1:30 pm

Who will be the Floodplain Manager of the Year or who will receive the County Floodplain Management Excellence Award? How is YOUR association doing? This is your opportunity to honor those winners and find out more about TFMA. A FULL luncheon buffet will be served. Complimentary with FULL Conference Registration ONLY. To attend this luncheon, please see last page for more information.

Appreciation Celebration - "A Night in Old San Antonio"

Thursday, March 21, 5:30 pm - 9:00 pm

This evening, we'll be celebrating you, our conference attendees. We'll start with a dinner buffet and then take you back in time to the sights and sounds of Old San Antonio. Join us for this fun evening! Complimentary with FULL Conference Registration ONLY. See back page for more information.





Our Host Hotel

Grand Hyatt San Antonio

Grand Hyatt San Antonio River Walk celebrates the history and charm of the Alamo City with a welcoming spirit and elegant sophistication. Our upscale accommodations include family-friendly hotel rooms and suites right on the River Walk in the heart of downtown San Antonio. Unwind at our hotel's rooftop pool or explore nearby attractions like the Alamodome, The Alamo and Frost Bank Stadium.

TFMA has negotiated a special group rate of \$249++ single/double occupancy. This room block will sell out fast at this rate, so make your reservations before February 26. Rooms at this rate will be available until then or whenever the block sells out, whichever comes first. As a courtesy to other members, please do not make more than 2 room reservations. Please make sure you register for the Annual Meeting prior to making your reservations.

To make your reservations, [click here](https://www.hyatt.com/en-US/group-booking/SATGH/G-JA9I) or copy and paste the following link to your browser:

<https://www.hyatt.com/en-US/group-booking/SATGH/G-JA9I>

Or call the Hyatt at 1-877-803-7534 and tell reservations you are with TX Floodplain Management Association to receive the negotiated rate.

Grand Hyatt San Antonio
600 East Market St.
San Antonio, TX 78205



Our Host City - San Antonio

It is beyond conventional! We invite you to re-experience a city unlike any other - San Antonio - a land of epic battles, flowing rivers, and a flourishing culture. From the stones of the Alamo and the meandering paths of the River Walk to Sea World and Six Flags Fiesta Texas, San Antonio takes you on a journey through a land as grand as its reputation. So come, find out for yourself with TFMA. You'll leave feeling refreshed.





Tuesday, March 19 - 8:00 AM - 5:00 pm *(Optional)*

Basics of Floodplain Management 101

Instructors: Kate de Gennaro, CFM, Stephannie Resendez, CFM - Texas Water Development Board
(Up to 7 CECs) \$145 TFMA Members/\$195 Non- Members

This workshop will provide participants with the basic knowledge of floodplain management that can contribute to the success of a community's floodplain management program. Participants will learn about the importance of the National Flood Insurance Program (NFIP) and relevant State and Federal regulations.

Topics also include: reading floodplain maps and studies, proper completion of elevation certificates, substantial improvement/substantial damage, and implementing the Flood Damage Prevention Ordinance and permitting process. This course is geared toward both those who are new to floodplain management and those who have been in the field for some time and need a refresher.

Community Post-Disaster NFIP Responsibilities: Plan for Success

Instructor: Brian Bartley, FEMA, Region 6

(Up to 7 CECs) \$145 TFMA Members/\$195 Non- Members

This workshop will help participants develop a substantial damage response plan to help maintain compliance with the minimum requirements of the National Flood Insurance Program (NFIP). Attendees will learn why they should create a floodplain management Substantial Damage Response Plan; how to create a plan using a model template; and an introduction to FEMA's free software for conducting substantial damage inspections-the SDE 3.0 tool. Participants will also learn about FEMA's new Public Assistance reimbursement for post-disaster floodplain and building code administration and enforcement.

Hands-on HEC-RAS: How to Review and Build 2D Models

Instructors: Hector Olmos, PE, CFM; Mark Pauls, PE, CFM; Beatriz Estrada Guerra, Freese and Nichols

(Up to 7 CECs) \$145 TFMA Members/\$195 Non- Members

Participants will learn how to develop HEC-RAS models, including recently added features. The workshop will alternate between brief lectures and hands-on exercises. Topics covered include spatial precipitation/infiltration, bridge hydraulics in 2D areas, editing and visualization tools, and computational solvers.

Over the past several years, Freese and Nichols instructors have led multiple HEC-RAS 2D workshops for TFMA, ASF-PM, the Association of State Dam Safety Officials, and other entities. Participants will be required to bring their laptops.

Bridge Scour Workshop: Scour Analysis and Applied Fluvial Geomorphology

Instructors: Ramesh Chintala, PE, CFM, WEST Consultants; Robert Armstrong, PE, CFM, Huitt-Zollars, Inc.; Trenton Ellis, CFM, TxDOT; Alireza Nowroozpour, PE, WEST Consultants; Lacy Rhoades, PE, CFM, Huitt-Zollars, Inc.; Brent Travis, WEST Consultants

(Up to 7 CECs) \$145 TFMA Members/\$195 Non- Members

Bridge scour prediction is multi-disciplinary, complex, and nuanced but you can do it, and we can help!

This workshop describes which types of erosion are considered in a scour analysis and, through case studies, participants will learn how to perform a scour analysis in accordance with TxDOT guidance.

Participants will also learn about applied fluvial geomorphology. Erosion mechanisms such as lateral channel migration and headcutting, which may affect bridge stability but are outside the scope of scour analysis equations, will be described. Through case studies, participants will learn about geomorphic assessments and how to recognize when one is needed.



Friday, March 22 - 8:00 am - Noon - Concurrent Workshops

Included with Full Conference Registration (See notes about Workshops on back)

Nature-Based Solutions for Flood Mitigation

Instructors: Kelley Rich, CFM, Texas Water Development Board; George Fowler, CFM, Freese and Nichols; Krista Bethune Melnar, PE, CFM, Freese and Nichols; Allison Hand, Freese and Nichols; Kathy Jack and Justin Kozak, The Nature Conservancy
(Up to 4 CEC hours) \$85 TFMA Member Rate/\$145 Non-member

\$0 for Full Conference Registrants ONLY

Nature-based Solutions can build a community's flood resiliency, enhance water quality, improve aquatic habitat, and improve overall quality of life in a watershed. This workshop will provide an update on the TWDB initiative to develop a statewide guidance manual on the application of Nature-based solutions in Texas, share insights and experiences from practitioners across the state, present principles for successful NbS implementation, and provide opportunities to apply key concepts in a group setting.

Systems thinking, multi-stakeholder engagement, equity and inclusivity and life-cycle planning are key principles that should be applied when embarking on NbS implementation. The application of these principles and how to overcome barriers and optimize project benefits will be reviewed. Additionally, how to quantify benefits to inform project decision making and the pursuit of funding will be a focused topic of the workshop. Interactive exercises will provide participants with the opportunity to collaborate and apply key concepts.

Step by Step Reviewing of HEC-RAS 2D Models

Instructors: David Coburn, PE, CFM, HDR; Sarah Davis, PE, CFM, HDR

(Up to 4 CEC hours)

\$85 TFMA Member Rate/\$145 Non-member

\$0 for Full Conference Registrants ONLY

This workshop will walk step by step through the review process for a 2D HEC-RAS model including terrain, domain, grid and grid refinements, boundary conditions (including rain-on-grid), 2D connections (including 2D bridges), land use/roughness/infiltration layers, model time step, computational methods, runtime messages, RASMapper, and file management. In addition to the step-by-step review, we will discuss good modeling practices and identify common mistakes both modelers and reviewers make. Through a live demonstration of two different working models, participants will play a reviewer's role in finding model issues using a provided model review checklist. The workshop will also highlight new modeling features in the HEC-RAS v 6.x series and how to review them. Attendees should have some experience with reviewing or creating HEC-RAS 2D models.

This workshop will focus on how to review HEC-RAS 2D models. The workshop will also discuss new modeling features in the HEC-RAS v 6.x series and how to review them. This workshop is not intended to teach attendees how to use HEC-RAS 2D, but attendees are given the opportunity to ask questions.

Drainage Reviews Made Easy: How to Efficiently Review Drainage Impact Studies

Instructors: Ryan Londeen, PE, CFM, Halff; Sunit Deo, PE, CFM, Halff

(Up to 4 CEC hours)

\$85 TFMA Member Rate/\$145 Non-member

\$0 for Full Conference Registrants ONLY

Drainage reviews can be challenging and time-consuming. As Texas continues to grow and bring in new development, additional demand is placed on agencies to complete these reviews efficiently and effectively. Additionally, drainage modeling technology continues to develop with an increasing use of unsteady and advanced 2D modeling methods, making reviews continually more challenging. However, there are effective ways to reduce the stress of performing drainage reviews by leveraging technology with the utilization of new tools to help you review advanced models.

This workshop will show you how to be more effective in your drainage reviews without getting bogged down in the details by identifying the critical points of focus for various drainage studies and covering common technical and procedural comments (i.e., "things to watch out for"). We will also cover tips and tools that can be used to increase efficiency. Specifically, this course will include reviewing detention mitigation, culvert, bridge, and floodplain impact analyses, and we will dig into the HEC-HMS and HEC-RAS programs to go over some of their latest capabilities, current limitations, and available review tools.



Field Trip (FT1) - Tuesday, March 19 - 1:00 pm-5:00 pm

San Pedro Creek Tour (*Space is limited to 50*)

Tour Guide: San Antonio River Authority (SARA)

(Up to 4 CEC hours) \$100 TFMA Members/\$150 Non Members

The award winning San Pedro Creek Culture Park has transformed the west side of Downtown San Antonio. The goals for flood control, water quality, economic development, cultural celebration, and connectivity have united to create a linear park that is both functional and beautiful.

This 0.75 mile walking tour will explore the opened portion of the park from IH-35 at the inlet of the San Pedro Creek Flood Control Tunnel to Houston Street and will then transition to the portion under construction from Houston Street to Nueva Street. Come enjoy art, native landscaping, birding, history, and culture! Closed toe shoes and pants will be MANDATORY for the tour.

Field Trip (FT2) - Friday, March 22 - 8:00 am - 12:00 pm

Oso Dam and San Antonio River Tunnel Inlet and Outlet (*Space is limited to 50*)

Tour Guide: Steven Boylan, City of San Antonio Public Works

(Up to 4 CEC hours) \$0 for Full Conference Registrants ONLY

\$100 TFMA Members/\$150 Non Members (workshop only)

(*For those registering for this field trip ONLY - see note below*)

For a description on this field trip, [click here](#) to view some of what you'll be exploring.

A Important Note about Workshops and Field Trips

Tuesday workshops are optional and a separate fee applies for all registrants. All Friday workshops and field trip are included with Full Conference registration. If you **do not register** for the Full Conference, and only want to register for a Friday workshop or Field Trip, you can purchase the workshop on the registration form.

Tuesday Optional Workshops - All registrants must pay a registration fee if they choose to attend.

Friday ONLY workshops - Must pay the Friday workshop fee.

Full Conference Registration - Includes all day Wednesday, all day Thursday **and** a Friday workshop/field trip.



2024 Annual Meeting Registration *(see back page for Registration information)*

Name: _____

Title: _____ CFM ___ Yes ___ No

Employer: _____

Address: _____

City/State/Zip: _____

Office PH: _____ Cell: _____

Email: _____ @ _____

TUESDAY, MARCH 19 *(Optional - Choose only one)*

TFMA Mbr

Non-MBR

8:00 AM - 5:00 PM

- | | | |
|--------------------------------|--------------------------------|---|
| <input type="checkbox"/> \$145 | <input type="checkbox"/> \$195 | Basics of Floodplain Management 101 |
| <input type="checkbox"/> \$145 | <input type="checkbox"/> \$195 | Community Post Disaster NFIP Responsibilities: Plan for Success |
| <input type="checkbox"/> \$145 | <input type="checkbox"/> \$195 | Hands-On HEC-RAS: How to Review and Build 2D Models |
| <input type="checkbox"/> \$145 | <input type="checkbox"/> \$195 | Bridge Scour: Analysis and Applied Fluvial Geomorphology |
| <input type="checkbox"/> \$100 | <input type="checkbox"/> \$150 | FT1: San Pedro Creek Tour <i>(limited to first 50 registrants)</i> |

FRIDAY, MARCH 22 *(Choose only one)*

TFMA Mbr

Non-MBR

8:00 AM - 12:00 PM

- | | | |
|--------------------------------|--------------------------------|--|
| <input type="checkbox"/> \$85 | <input type="checkbox"/> \$145 | Nature-Based Solutions for Flood Mitigation |
| <input type="checkbox"/> \$85 | <input type="checkbox"/> \$145 | Step by Step Reviewing of HEC-RAS 2D Models |
| <input type="checkbox"/> \$85 | <input type="checkbox"/> \$145 | Drainage Reviews Made Easy: How to Efficiently Review Drainage Impact Studies |
| <input type="checkbox"/> \$100 | <input type="checkbox"/> \$125 | FT2: Oso Dam and San Antonio River Tunnel Inlet and Outlet <i>(limited to first 50 registrants)</i> |

FULL CONFERENCE REGISTRATION - WEDNESDAY, MARCH 20 - FRIDAY, MARCH 22

Before February 12

_____ **\$395** TFMA Member

_____ **\$495** Non-member

On February 13

_____ **\$495** TFMA Member

_____ **\$595** Non-member

Guest Event Registration*

☐ \$45 Thursday Luncheon

☐ \$75 Thursday Dinner

**For full conference registrants only.*

See back page for more information.

** See back page for more information on a Retired TFMA Conference rate.*

PAYMENT METHOD:

_____ Mastercard _____ Visa _____ Check# _____ TOTAL DUE: _____

Card# _____ Exp. Date _____ CVV _____

Billing Address: _____ Zip Code _____

Signature: _____

ONLINE REGISTRATION IS OPEN - [CLICK HERE](#) for instant access to the Registration page and to pay directly with your Mastercard or Visa BUT you must login to your member profile first!

Very Important Conference Registration Information

Attendees are strongly encouraged to register online at www.tfma.org. Please note TFMA accepts Mastercard or Visa payments only. If you are paying by check, please complete and email the Registration Form to: TFMA@tfma.org.

Online registration ends on March 11. After this date, you can still come to the conference and register onsite. Onsite fees may apply.

TFMA Members: Please be sure you are logged into your member profile. Failure to be logged in at the time of registration will result in a higher non-member rate. No adjustments will be given.

Thursday Luncheon and Appreciation Celebration Guest Tickets: These are reserved for those attendees who registered and paid for the Full Conference only and is reserved for those bringing an immediate family member such as a spouse, children, significant other, parent, etc. **Please note, if you are not registered as a Full Conference attendee, you will not be able to attend the Thursday Membership and Awards Luncheon nor the Appreciation Celebration event.**

TFMA Retired Member Rate: If you are a retired TFMA Member who is no longer working in the field of floodplain management, you may qualify for TFMA's Retired Member status and receive a reduced conference registration fee. If you have any questions, please contact Selina at the TFMA office at 512-260-1366 or via email at tfma@tfma.org.

Conference Cancellation Policy

All cancellations must be received via email **on or before February 16** to receive a refund minus a \$150 administrative fee.

Absolutely NO REFUNDS after February 16. Anyone requesting their registration be transferred can only be transferred to another active TFMA member, and must submit that request via email to TFMA@tfma.org **before February 16.**

Important Reminder About Workshops and Field Trips

Tuesday workshops are optional and a separate fee applies for all registrants. All Friday workshops and field trip are included with Full Conference registration. If you **do not register** for the Full Conference, and only want to register for a Friday workshop or Field Trip, you can purchase the workshop on the registration form online.

Tuesday Optional Workshops - All registrants must pay a registration fee if they choose to attend.

Friday ONLY workshops - Must pay the Friday workshop fee.

Full Conference Registration - Includes all day Wednesday, all day Thursday **and** a Friday workshop or field trip.

All Workshops and Field Trips run at the same time. Please choose only one!

TFMA CFM Certification Opportunity

Not certified yet? The CFM exam will be administered from 9:00 am - Noon digitally on Wednesday, March 20 at the hotel. Please note, you are required to be registered for the ***Basics of Floodplain Management Workshop*** on Tuesday, March 19 to take the exam. In addition, you must:

1. Join TFMA FIRST and pay the \$50.00 membership fee FIRST.
2. Complete the CFM Exam Application and email it: tfma@tfma.org.
3. Pay the \$150 application fee online AFTER you've created your member profile.
4. Submit a digital exam application from ASFPM.



Steps 1- 4 must be completed by: **February 19. Limited to first 20 candidates or before the exam spots fill up, whichever comes first. No applications will be accepted after this date. Please contact TFMA@tfma.org if you have any questions.**