

TEXAS CITIZEN PLANNER PROGRAM

TASK 3, DELIVERABLE 3 FINAL REPORT

MARCH 31, 2022

CMP GRANTS PROGRAM
GRANT CYCLE #25



This report was funded in part by a Texas Coastal Management Program grant approved by the Texas Land Commissioner, providing financial assistance under the Coastal Zone Management Act of 1972, as amended, awarded by the National Oceanic and Atmospheric Administration (NOAA), Office for Coastal Management, pursuant to NOAA Award No. NA20NOS4190184. The views expressed herein are those of the author(s) and do not necessarily reflect the views of NOAA, the U.S. Department of Commerce, or any of their sub agencies.

TEXAS A&M AGRILIFE EXTENSION SERVICE AGREEMENT NO. 21-060-009-C669



TABLE OF CONTENTS

Table of Contents.....	2
Table of Tables	2
Table of Figures.....	3
Overview.....	4
Program Need.....	6
Satisfaction Surveys.....	7
Schedule	9
Student Outreach.....	10
Event Photos.....	17
Event Outcomes.....	24
Online Course Development.....	30
Continuing Education Credits.....	37
Next Steps.....	38
Appendix A: Agendas.....	39
Appendix B: Certificate Template	43

TABLE OF TABLES

Table 1. Outreach Emails, Newsletters, and Social Media Posts	12
Table 2. Outreach Emails, Newsletters, and Social Media Posts	15
Table 3. Registration breakdown. Duplicates were removed.....	25
Table 4. Registration breakdown. Duplicates were removed.....	28

TABLE OF FIGURES

Figure 1. Save the date announcement used for student outreach for Specialty Course 1: ASFPM's No Adverse Impact Floodplain Management	10
Figure 2. Speakers and topics flyer used for student outreach for Specialty Course 1: ASFPM'S No Adverse Impact Floodplain Management	11
Figure 3. Save the date announcement used for student outreach for Specialty Course 2: Community Planning for Flood Mitigation and Resiliency	13
Figure 4. Speakers and topics flyer used for student outreach for Specialty Course 2: Community Planning for Flood Mitigation and Resiliency.	14
Figure 5. Texas Citizen Planner website.....	16
Figure 6. Amanda Ashcroft, AICP and Andrew Knuppel, AICP conducting introductions and giving a brief overview of the Texas Citizen Planner Program to attendees.....	17
Figure 7. Janet Thigpen, CFM discussing adverse impacts during her presentation: The No Adverse Impact Approach for Floodplain Management.....	18
Figure 8. Amanda Ashcroft, AICP introducing French Wetmore, CFM before the start of his presentation: Flood Hazard Mapping: The Basics and The NAI Approach.....	18
Figure 9. Terri Turner, AICP, CFM presents over NAI Planning for your Floodplain Management Program.....	19
Figure 10. Jerry Murphy, JD, AICP, CFM highlighting the definition of a nuisance during his presentation: Legal Foundations for the No Adverse Impacts Approach to Floodplain Stewardship.	19
Figure 11. Amanda Ashcroft, AICP giving closing remarks for Specialty Course 1 and the webinar while adjourning.	20
Figure 12. Figure 6. Andrew Knuppel, AICP conducting introductions and giving a brief overview of the Texas Citizen Planner Program to attendees.	21
Figure 13. David Fowler, CFM presents: Future Flood Management Challenges: "Thinking Outside the Box Culvert".....	21
Figure 14. Amanda Ashcroft, AICP introduces speaker Dr. Lauren Hutch Williams, Ph.D. for her presentation: The Nature Conservancy's Community Rating System (CRS) Explorer Tool and Green Print.	22
Figure 15. Yi Ling Chan, CFM presents a lunch and learn regarding Assistance Programs: Local Benefits of Higher Standards and the CRS Program.	22
Figure 16. Ataul Hannan, P. E., CFM presents: Resilience Requires Partnership(s).....	23
Figure 17. Roderick Scott, CFM closes the Specialty Course 2 event with a pre-recorded presentation titled: Flood Hazard Mitigation- Elevation.	23
Figure 18. Positions/occupations selected by attendees during online registration.....	24
Figure 19. Community population size selected by attendees during online registration.....	24
Figure 20. Positions/occupations selected by attendees during online registration.....	27
Figure 21. Community population size selected by attendees during online registration.....	27
Figure 22. Texas Citizen Planner online course(s) announcement (front and back).....	31
Figure 23. Citizen Planner online course screenshot accessed through the AgriLife Learn website....	32
Figure 24. Certification Maintenance (CM) search results for Texas Citizen Planner showing APA course numbers and eligible CM credits for registrants.	37

TEXAS CITIZEN PLANNER PROGRAM

TASK 3, DELIVERABLE 3 FINAL REPORT

OVERVIEW

A Final Report was requested for Task 3 Deliverable 3 for GLO Contract No. 21-060-009-C669, Texas Citizen Planner: Community Planning for Resiliency and Mitigation. Texas Community Watershed Partners (TCWP), a program of Texas A&M AgriLife Extension Service, delivered two specialty course curriculums in a live webinar format utilizing Zoom. Presentations were delivered by experts and leaders in their field who shared first-person perspectives and case study examples. Content from these in-person courses were integrated into an online learning platform.

HIGHLIGHTS

- 2 live webinar events
- 212 local stakeholders in attendance across both events
- 9 instructors in attendance
- 2 online courses developed

CITIZEN PLANNER PROGRAM OVERVIEW

Texas Citizen Planner (CP) is a planning education program for locally elected and appointed officials, created by Texas Community Watershed Partners (TCWP), a program of Texas A&M AgriLife Extension Service. The goal is to help all attendees, including local officials, be better informed as they lead efforts in their communities and engage other experts. This means providing an understanding of the legal and procedural context of municipal planning and development, along with knowledge about physical hazards and approaches for mitigating risk. The program seeks to integrate multiple concepts into a coherent and broad-based educational curriculum administered as a course. Instructors from a range of work areas and professional strengths are recruited for each class. Courses are supported with supplemental reading materials and handouts. Upon successful completion of the course, students are certified as 'Citizen Planners.'

TRAINING OBJECTIVES

- Learn about planning concepts to reduce risk
- Hear concrete examples
- Hear directly from experts in their field
- Apply learned concepts
- Network with peers and instructors
- Be part of an ongoing group of trained Citizen Planners
- Connect with other training and planning resources

ADVISORY GROUP

A Citizen Planning Advisory Group was convened to identify pathways for student outreach, priority curriculum topics, and prospective instructors. Two Zoom video conferences were held on January 21, 2021 and January 29, 2021 which included individuals from universities, agencies, private consulting, and municipal government. During the meetings, topics of discussion included: introductions, an overview of the Texas Citizen Planner Program, a review of curriculum developed since the program started in 2013, continuing education credit availability for new course offerings, post course survey highlights and results from 2017, curriculum outline and the proposed course structure, course logistics, group recommendations for course focus areas and instructors, local officials' recruitment (students). All meetings and recommendations were recorded and reviewed during program planning activities. Email was used as the primary method of contact for program next steps. Advisors were emailed calendar updates and event announcements for access to program updates and the ability to share information with additional stakeholders.

- Jeff Taebel, FAICP- Houston-Galveston Area Council, Director of Community & Environmental Planning
- Jeff Stone- Association of State Floodplain Managers (ASFPM), Research and Development Manager
- Terri Turner, AICP, CFM- Association of State Floodplain Managers, NAI Policy Committee Co-Chair; City of Augusta, Development Services Administrator (Floodplain Manager and Hazard Mitigation Specialist)
- Janet Thigpen, CFM- Association of State Floodplain Managers, NAI Policy Committee Co-chair; Southern Tier Central, Regional Planning and Development Board, Flood Mitigation Specialist
- Kathy Hopkins, CFM, CTCM- Texas Water Development Board, Manager, Flood Mitigation Grants: FEMA FMA Grant Program and FEMA Severe Repetitive Loss Program
- Rob Flaner- Tetra Tech, Hazard Mitigation Program Manager
- James Wade- Harris County Flood Control District, Property Acquisition Manager
- Amanda Torres- City of Rockport, Community Planner
- Matt Festa, JD- Rice University Kinder Institute and South Texas College of Law Houston
- Dustin Henry, City of Galveston- Coastal Resource Manager and Urban Planner
- Jerry Murphy, JD, AICP, CFM- Faculty Consultant, University of Florida

PROJECT TEAM

Steven Mikulencak, Texas A&M AgriLife Extension Service, PI
Amanda Ashcroft, Texas A&M AgriLife Extension Service, Lead Support
Andrew Knuppel, Texas A&M AgriLife Extension Service, Project Support
Madeline Jones, Texas A&M AgriLife Extension Service, Project Support

With support as needed from Brian Garcia, Julie Cain, and Dana Snyder.

PROGRAM NEED

The Citizen Planner training program increases local and regional capacity for incorporating risk-wise principles into local decision-making processes. Because over half of the built environment of 2040 has yet to be built, by increasing awareness amongst local officials about hazards and how specific incentives and ordinances can mitigate these hazards, we will enable the emergence of much more resilient communities. In addition, a cadre of trained local officials will form a powerful network of mentors for future officials.

Land use decisions made at the local level are increasing in complexity. It is important for decision makers to have a greater awareness of their roles and responsibilities when it comes to making land use determinations. Better decisions now will ensure protection of natural resources, better management of the floodplain, and more livable and resilient communities. This training program provides useful tools and education for positive land use decisions. Participants have the opportunity to develop relationships with their peers in neighboring communities and work together to face future land use challenges through a coordinated effort.

Texas Citizen Planner workshops and events have been attended, to date, by over 332 decision-makers and officials in communities up and down the Texas Coast and beyond, instructing them about the legal foundations and powers of land use planning, hazard mitigation, green infrastructure, and flooding issues. Yet the need to instruct and educate leadership about planning and hazards continues to exist as populations grow and leadership constantly changes.

This core curriculum about planning, natural resources, and risk reduction, will lay the foundation for expanding the program's reach over time while providing a professionally validated planning curriculum based on Texas practices, laws, and requirements. Trained Texas Citizen Planner graduates improve their knowledge and should be able to resolve situations with best practices and feasible approaches. This forward-looking training will continue to result in decision makers who are better equipped for handling community growth. Participants learn planning principles and apply them in the form of diverse housing, walkable neighborhoods, transportation choices, better land use mixes, and risk reduction strategies.

SATISFACTION SURVEYS

Satisfaction surveys (program evaluations) were provided to participants through post-webinar redirect links, post-webinar emails, and through a reminder email sent one week after the event.

ASFPM'S NO ADVERSE IMPACT (NAI) FLOODPLAIN MANAGEMENT WEBINAR FEEDBACK SUMMARY

49 of the 100 registrants completed satisfaction surveys. 98% of participants rated the event as good or excellent. 96% indicated they learned something they will apply in their work, community or agency and believe it will help them make future decisions and take action in applying the No Adverse Impact Floodplain Management approach. 98% indicated they would recommend this event to others.

SELECTED OPEN ENDED RESPONSES

["Briefly describe how you plan to use what you learned from this program."]

- "As our local CFM I will be using the tools provided in the webinar to help our community become more flood aware, tighten floodplain development, and educate our officials and community members."
- "As a CFM it gives me more insight on the precautions I should take before allowing any building in the floodplain."
- "Future decision-making."
- "I work in extension and education. I would like to organize the information into a format to share with community leaders along the Texas Coast. Many communities either do not have a floodplain manager or do not have one that is properly trained in these concepts."
- "I plan to lookup a number of the tools presented to familiarize myself with them."
- "Further My Role as PWD CFM."
- "I am updating some of our county's flood rules & regulations, and CRS standing. The information that I learned will assist in my final decision-making. Also, there are some floodway issues that we are dealing with within our county of approx. 37.5 thousand residents."
- "Help communities/clients plan for flooding."
- "This information is of importance as one of Texas' Regional Flood Planner."
- consideration of development requests in the floodplain
- "I plan to evaluate and ensure that new subdivisions meet the required regulatory standards along with commercial development to ensure the safety of our community."
- "To help my organization improve its floodplain regulations to implement no adverse impact standards."
- "Use resources to improve our permit reviews."
- "I will incorporate NAI awareness into my daily permitting process."
- "Be more aware of flood prone properties for building permits."
- "Propose to City Council to adopt a NAI approach into overall planning for the City."
- "Implement a training program for the Planning and Zoning Commission of my city."

[Other Comments]

- "I really appreciated this free opportunity - our continuing education budget was "raided" with the effects of COVID, so having an opportunity to attend a great seminar, in an online format, that was free was GREATLY appreciated!! Also, as a planner and a CFM, many times the free courses available are not relevant to my day-to-day work, so I really enjoyed the webinar topics and discussion."
- "This program was amazing and very helpful."
- "I have attended many different trainings for floodplain management and this one was the most helpful to me of any I have participated with. I feel that I learned so much and will be able to improve my community floodplain development."

COMMUNITY PLANNING FOR FLOOD MITIGATION WEBINAR FEEDBACK SUMMARY

43 of the 112 registrants completed satisfaction surveys. 100% of participants rated the event as good or excellent. 98% indicated they learned something they will apply in their work, community or agency and believe it will help them make future decisions and take action. 98% indicated they would recommend this event to others.

SELECTED OPEN ENDED RESPONSES

["Briefly describe how you plan to use what you learned from this program."]

- "My Volunteer Group has been trying to do BBTRS Counter-Proposal Consensus Building with other Harris County Groups (including Houston Stronger, Katy Prairie Conservancy, and Save Buffalo Bayou), and with Agencies (mostly HCFCDD, and USACE). The Tx A&M Program exposed me to Flood Mitigation practices which should be part of the Consensus Building discussion."
- "Minimize flood loss"
- "To help further interest in the CRS system, higher standard requirements"
- "The information will be very useful in my role on the Planning & Zoning Commission--and also, unexpectedly, on the Parks Commission. I learned about so many new sources of information and resources to help improve our community's flood mitigation and also incorporate open space/parks into the plan."
- "I plan to use the information I learned today to help improve my community's CRS rating and improve our public outreach programs."
- "I have a better understanding for when our county updates our Hazard Mitigation Plan."
- "I now have a broader base of information to draw from so I can ask intelligent questions as we working through drainage and flooding issues"
- "Updating the Ellis County Hazard Mitigation Action Plan and identifying flooding mitigation strategies for our community."
- "Came to the meeting to learn some need tips to increase awareness to lower income families that owns property along the Edisto River. Also, to tips to increase our CRS score to a 6 with the recent changes that was put into effect in January."
- "I plan to use this info when we are planning our TMDLS and Watershed Protection Plans."

[Other Comments]

- "Very well done--thank you!"
- "The presentations were all very informational and relevant."
- "Thanks for the opportunity to learn."
- "Excellent set of presenters who provided clear and easily understood material."

SCHEDULE

MONDAY, MAY 24, 2021

9:00 AM – 4:00 PM CDT

ASFPM'S NO ADVERSE IMPACT FLOODPLAIN MANAGEMENT

9:00 AM- Welcome and Introductions

9:15 AM- **The No Adverse Impact Approach for Floodplain Management**, *Janet Thigpen, CFM*

10:35 AM- **Flood Hazard Mapping – The Basics and the NAI Approach**, *French Wetmore, CFM*

11:50 AM- Break for lunch (1 hour 10 minutes)

1:10 PM- **No Adverse Impact Planning for your Floodplain Management Program**, *Terri Turner, AICP, CFM*

2:35 PM- **Legal Foundations for the No Adverse Impacts Approach to Floodplain Stewardship**, *Jerry Murphy, JD, AICP, CFM*

3:50 PM Closing Remarks and Additional Resources

4:00 PM Adjourn

THURSDAY, SEPTEMBER 2, 2021

9:00 AM – 4:00 PM CDT

COMMUNITY PLANNING FOR FLOOD MITIGATION

9:00 AM - Welcome and Introductions

9:15 AM - **Future Flood Management Challenges: Thinking Outside the Box Culvert**, *David Fowler, CFM*

10:25 AM - Break (10 minutes)

10:35 AM - **The Nature Conservancy's Community Rating System (CRS) Explorer Tool and Green Print**, *Lauren Hutch Williams, Ph.D.*

11:45 AM - Break - grab your lunch! (15 minutes)

12:00 PM - **State Agency Lunch & Learn and Assistance Programs: Local Benefits of Higher Standards and the CRS Program**, *Yi Ling Chan, CFM*

12:40 PM - Break (20 minutes)

1:00 PM - Welcome Back!

1:05 PM - **Resilience Requires Partnership(s)**, *Ataul Hannan, P. E., CFM*

2:15 PM - Break (10 minutes)

2:25 PM - **Steps to Elevation - Elevation 101**, *Roderick Scott, CFM*

3:35 PM - Closing Remarks and Additional Resources

4:00 PM - Adjourn

STUDENT OUTREACH

Flyers and other publicity materials were developed for program events. A comprehensive contact database was compiled for publicity to prospective program registrants within the coastal zone boundary. The contact list included, Citizen Planner RSVPs, attendees and local outreach contacts for previous Citizen Planner events, and local elected officials and staff from communities within Aransas, Brazoria, Calhoun, Cameron, Chambers, Fort Bend, Galveston, Harris, Hidalgo, Jefferson, Kenedy, Kleberg, Liberty, Matagorda, Maverick, Montgomery, Nueces, Orange, Refugio, San Patricio, Webb, Wharton, and Willacy counties. The contact list contains >1,500 unique email addresses and was updated after every course announcement as undeliverable email was received and new contacts were identified. Additionally, TCWP's master contact list was used for publicity to prospective program registrants. While this list of contacts is not limited to the Texas coastal zone, it does not contain contacts from every Texas county. TCWP's master contact list contains 3,000+ unique email addresses that include attendees from workshops, forums, and other events TCWP has hosted through March 2022. Additionally, outreach was conducted through various social media platforms to engage a wider audience due to the virtual setting of the event.

SPECIALTY COURSE 1 – ASFPM'S NO ADVERSE IMPACT FLOODPLAIN MANAGEMENT

In May of 2021, in partnership with ASFPM, an online webinar was held to deliver information on The No Adverse Impact Approach to Floodplain Management. Participants came together to learn about the NAI approach to floodplain management which ensures that the action of any community or property owner, public or private, does not adversely impact the property and rights of others. A save-the-date announcement was formatted as an 8.5"x 11" for student outreach (Figure 1) followed by a speakers and topics flyer when event details and instructors were finalized (Figure 2). Outreach flyers were distributed via email to project partners, advisory committee members, local officials and staff within the coastal zone, former attendees to other TCWP program events, and former Citizen Planner participants.

TEXAS CITIZEN PLANNER
A Program of Texas A&M AgriLife Extension Service

Do your **LOCAL OFFICIALS** know about
ASFPM's No Adverse Impact (NAI)
Floodplain Management approach?

You're invited to a Zoom Virtual Webinar • May 24 , 2021 • 9:00 AM–4:00 PM
A NO-COST EVENT!

This event has been approved for **5 Continuing Education Credits (CECs)** for Certified Floodplain Managers (CFMs) and **5 Certification Maintenance (CM) credits** for American Institute of Certified Planners (AICP) professionals.

SPEAKERS:

- Janet Thigpen, CFM**
NAI Committee Co-Chair, ASFPM, Flood Mitigation Specialist,
Southern Tier Central Regional Planning & Development Board (STC)
- French Wetmore, CFM**
President, French & Associates, Ltd.
- Terri Turner, AICP, CFM**
NAI Committee Co-Chair, ASFPM, Development Services
Administrator, Planning, Zoning & Development Department,
City of Augusta, Georgia
- Jerry Murphy, JD, AICP, CFM**
Faculty Consultant, Program for Resource Efficient
Communities, University of Florida

Every day, local governments are confronted with planning decisions, large and small, that will shape how their communities grow for years to come. Texas Citizen Planner is a planning education program for locally elected and appointed officials, created by Texas Community Watershed Partners (TCWP), a program of Texas A&M AgriLife Extension Service.

You're invited to a **no-cost Texas Citizen Planner event** on ASFPM's No Adverse Impact (NAI) floodplain management approach. The NAI approach ensures the action of any community or property owner, public or private, does not adversely impact the property and rights of others.

Planning topics and trends for a positive community vision and quality of life. **How** to use planning tools to improve development. **Legal** and technical aspects of planning tools.

Register Here @ eventbrite.com

For more information, please contact Amanda Ashcroft, AICP | amanda.ashcroft@tamu.edu | (832) 982-2712, or visit citizenplanner.tamu.edu

TEXAS A&M AGRILIFE EXTENSION | **TEXAS COMMUNITY WATERSHED PARTNERS** | **NOAA** | **TXGLO** | **NAI**

These events are funded in part by Texas Coastal Management Program approved by the Texas Land Commissioner pursuant to National Oceanic and Atmospheric Administration Award No. NA20NOS4190184

Figure 1. Save the date announcement used for student outreach for Specialty Course 1: ASFPM's No Adverse Impact Floodplain Management



TEXAS CITIZEN PLANNER

A Program of Texas A&M AgriLife Extension Service

PRESENTING ASFPM'S NO ADVERSE IMPACT (NAI) FLOODPLAIN MANAGEMENT

Speakers & Topics



The No Adverse Impact (NAI)
Approach to Floodplain Management

JANET THIGPEN, CFM
NAI Committee Co-chair, ASFPM
Flood Mitigation Specialist, Southern Tier Central
(STC) Regional Planning & Development Board



Flood Hazard Mapping
— The Basics and the NAI Approach

FRENCH WETMORE, CFM
President, French & Associates, Ltd.



No Adverse Impact (NAI)
Planning for your Floodplain
Management Program

TERRI L. TURNER, AICP, CFM
NAI Committee Co-chair, ASFPM
Development Services Administrator,
City of Augusta, Georgia



Legal Foundations for the
No Adverse Impacts Approach
to Floodplain Stewardship

JERRY MURPHY, JD, AICP, CFM
University of Florida | IFAS Extension:
Program for Resource Efficient Communities
(PREC)

citizenplanner.tamu.edu






Figure 2. Speakers and topics flyer used for student outreach for Specialty Course 1: ASFPM'S No Adverse Impact Floodplain Management

Table 1 below lists the subject line and date for outreach regarding the Texas Citizen Planner: ASFPM's No Adverse Impact Floodplain Management webinar announcement sent to TCWP contact lists, partners from State and Federal agencies, newsletters, and social media posts.

Table 1. Outreach Emails, Newsletters, and Social Media Posts

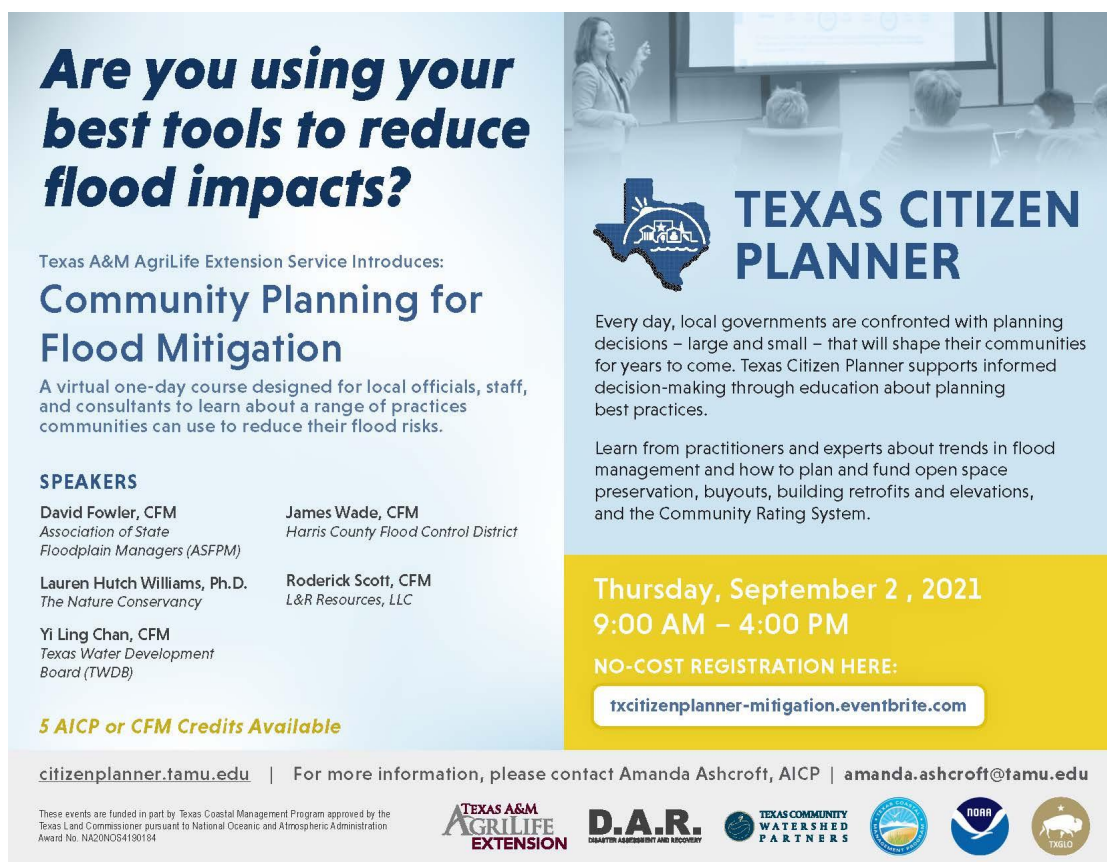
SUBJECT LINE	DATE
NEW Texas Citizen Planner Webinar- No Adverse Impact Floodplain Management Sent to TCWP contact lists (2,350 contacts)	4/23/2021
Texas Citizen Planner- No Adverse Impact (May 24, 2021) Announcement Sent to Advisory Committee to forward to their networks.	4/23/2021
Education Opportunity- Texas Citizen Planner Sent to CEC Houston to be included in their newsletter and online calendar of events.	4/28/2021
Texas Citizen Planner Presents: ASFPM's No Adverse Impact Floodplain Management Sent to TWDB to be forwarded to their master list of floodplain managers (1,000+ contacts).	4/28/2021
Texas Citizen Planner- No Adverse Impact Webinar (May 24, 2021) Announcement Sent to TFMA to be forwarded to their membership.	4/28/2021
May CTP Collaboration Monthly Article Submission - Texas Citizen Planner NAI Course Sent to	4/28/2021
LinkedIn Post- 6 reshares, 235 views	4/28/2022
Reminder: Register now for a NEW Texas Citizen Planner Webinar covering ASFPM's No Adverse Impact approach to Floodplain Management (May 24, 2021) Sent to TCWP contact lists (2,272 contacts)	5/11/2021
Texas Citizen Planner Presents: ASFPM's No Adverse Impact Floodplain Management Sent to FEMA R6 InfoShare to be included in their newsletter.	5/13/2021

CERTIFICATES OF COMPLETION

Certificates of Completion were distributed to Texas Citizen Planner registrants who attended the Zoom webinar event in its entirety. The certificate template is included in Appendix B of this report.

SPECIALTY COURSE 2 – COMMUNITY PLANNING FOR FLOOD MITIGATION AND RESILIENCY

In September of 2021, an online webinar was held to deliver information on the topics of green and gray infrastructure, open space preservation, elevation of severe repetitive loss properties, and buyouts. A save-the-date announcement was formatted as an 8.5”x 11” for student outreach (Figure 3) followed by a speakers and topics flyer when event details and instructors were finalized (Figure 4). Outreach flyers were distributed via email to project partners, advisory committee members, local officials and staff within the coastal zone, former attendees to other TCWP program events, and former Citizen Planner participants. Days before the workshop was scheduled to take place a speaker was replaced due to unforeseen extenuating circumstances. Students were notified of the change in speakers and topics on a reminder email that was sent 1 day before the webinar, and included an updated agenda reflecting the change. All agendas for these events can be found in Appendix A of this report.



Are you using your best tools to reduce flood impacts?

Texas A&M AgriLife Extension Service Introduces:

Community Planning for Flood Mitigation

A virtual one-day course designed for local officials, staff, and consultants to learn about a range of practices communities can use to reduce their flood risks.

SPEAKERS

David Fowler, CFM Association of State Floodplain Managers (ASFPM)	James Wade, CFM Harris County Flood Control District
Lauren Hutch Williams, Ph.D. The Nature Conservancy	Roderick Scott, CFM L&R Resources, LLC
Yi Ling Chan, CFM Texas Water Development Board (TWDB)	

5 AICP or CFM Credits Available

TEXAS CITIZEN PLANNER

Every day, local governments are confronted with planning decisions – large and small – that will shape their communities for years to come. Texas Citizen Planner supports informed decision-making through education about planning best practices.

Learn from practitioners and experts about trends in flood management and how to plan and fund open space preservation, buyouts, building retrofits and elevations, and the Community Rating System.

Thursday, September 2, 2021
9:00 AM – 4:00 PM

NO-COST REGISTRATION HERE:
txcitizenplanner-mitigation.eventbrite.com

citizenplanner.tamu.edu | For more information, please contact Amanda Ashcroft, AICP | amanda.ashcroft@tamu.edu

These events are funded in part by Texas Coastal Management Program approved by the Texas Land Commissioner pursuant to National Oceanic and Atmospheric Administration Award No. NA20N054130184

TEXAS A&M AGRILIFE EXTENSION **D.A.R. DISASTER ASSISTANCE AND RECOVERY** **TEXAS COMMUNITY WATERSHED PARTNERS** **NOAA** **TXID**

Figure 3. Save the date announcement used for student outreach for Specialty Course 2: Community Planning for Flood Mitigation and Resiliency

SPEAKERS & TOPICS:



**Future Flood Management Challenges:
Thinking Outside the Box Culvert**

David Fowler, CFM
Senior Project Manager,
Association of State Floodplain Managers (ASFPM)



**The Nature Conservancy's Community
Rating System (CRS) Explorer Tool
and Green Print**

Lauren Hutch Williams, Ph.D.
Resilient Coast Program Director,
The Nature Conservancy



**State Agency's Lunch & Learn and
Assistance Programs: Local Benefits of
Higher Standards and the CRS Program**

Yi Chan, CFM
NFIP State Coordinator and Manager,
Community Assistance Program,
Texas Water Development Board



**How to Manage a Buyout Program:
A Local Perspective**

James Wade, CFM
Manager, Property Acquisition Services,
Harris County Flood Control District



Steps to Elevation – Elevation 101

Roderick Scott, CFM
Board Chair, Flood Mitigation Industry Association,
L&R Resources, LLC

Figure 4. Speakers and topics flyer used for student outreach for Specialty Course 2: Community Planning for Flood Mitigation and Resiliency.

Table 2 below lists the subject line and date for outreach regarding the Texas Citizen Planner: Community Planning for Flood Mitigation and Resiliency webinar announcement sent to TCWP contact lists, partners from State and Federal agencies, newsletters, and social media posts.

Table 2. Outreach Emails, Newsletters, and Social Media Posts

SUBJECT LINE	DATE
Texas Citizen Planner: Community Planning for Flood Mitigation ANNOUNCEMENT Sent to TCWP contact lists (2,332 contacts)	8/3/2021
No-Cost Workshop Announcement – Community Planning for Flood Mitigation Sent to Galveston Bay Coalition of Watersheds Members (75 contacts)	8/4/2021
Texas Citizen Planner- Community Planning for Flood Mitigation (September 2, 2021) Announcement Sent to Advisory Committee to forward to their networks.	8/5/2021
Texas Citizen Planner- Community Planning for Flood Mitigation (September 2, 2021) Announcement Sent to CEC Houston to be included in their newsletter and online calendar of events.	8/5/2021
Community Planning for Flood Mitigation (September 2, 2021) Announcement Sent to TFMA to be forwarded to their membership.	8/5/2021
Texas Citizen Planner- Community Planning for Flood Mitigation (September 2, 2021) Announcement Sent to TWDB to be forwarded to their master list of floodplain managers (1,000+ contacts).	8/5/2021
Register Today for H-GAC's Parks and Natural Areas Roundtable, September 13 Included in event announcement and sent by H-GAC.	8/9/2021
LinkedIn Post- 5 reshares, 235 views	8/10/2021
Community Planning for Flood Mitigation (September 2, 2021) Announcement Sent by FEMA R6 InfoShare to be included in their newsletter.	8/12/2021
REMINDER: NEW Texas Citizen Planner Webinar – Community Planning for Flood Mitigation (September 2, 2021) Sent to TCWP contact lists (2,307 contacts)	8/18/2021

CERTIFICATES OF COMPLETION

Certificates of Completion were distributed to Texas Citizen Planner registrants who attended the Zoom webinar event in its entirety. The certificate template is included in Appendix B of this report.

WEBSITE

The Citizen Planner website, <https://citizenplanner.tamu.edu/>, is updated on an ongoing basis to inform target audiences about the program (Figure 5). Publicity materials were added prior to each course.

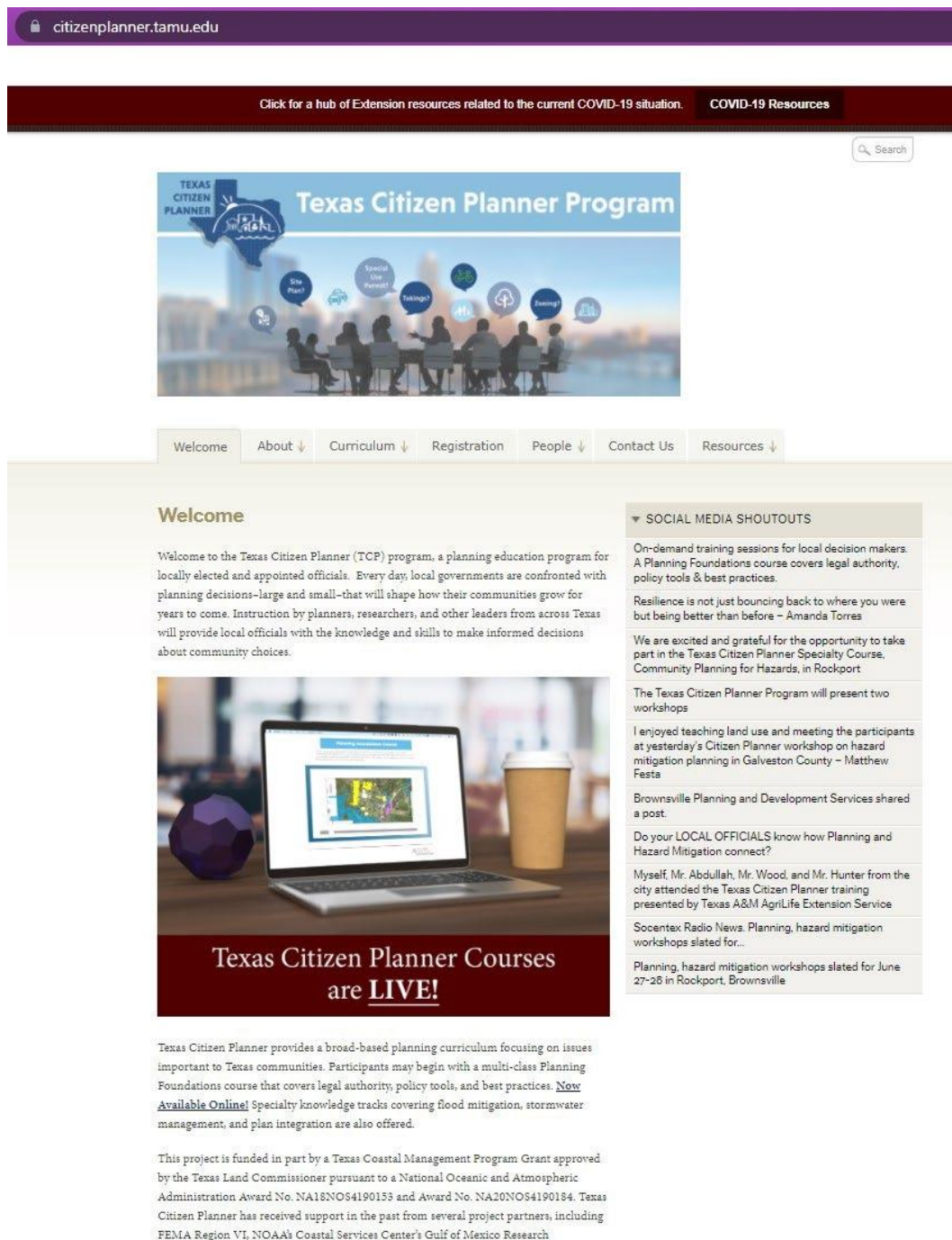


Figure 5. Texas Citizen Planner website.

EVENT PHOTOS

CHANGES DUE TO COVID-19:

On March 11, 2020 the World Health Organization declared COVID-19 a pandemic, with most states issuing stay-at-home orders and shutting down non-essential businesses shortly after. TCWP program staff, with the utmost of caution, made the decision to move the Texas Citizen Planner program events for 2021 to an online format. Advisory committee meetings, instructor recruitment, live events for both specialty courses, video recordings, and online course production all followed this online format. While the online nature of the specialty courses did not allow for many photos or the “normal” Texas Citizen Planner experience, it did allow for increased registration, viewership, and reach. The program saw participants from across Texas, Florida, Vermont, Wisconsin, and South Carolina among other states. Registration numbers for both events were over 150 individuals. Feedback from the specialty courses was overwhelmingly positive, with many expressing the need for more free AICP and CFM credit opportunities. We hope to incorporate an online aspect to all future Texas Citizen Planner programming so that we remain inclusive to those with travel barriers or other priorities. Below are some screen captures taken during the live events hosted using Zoom webinar software.

SCREEN CAPTURES FROM SPECIALTY COURSE 1 – ASFPM’S NO ADVERSE IMPACT FLOODPLAIN MANAGEMENT:

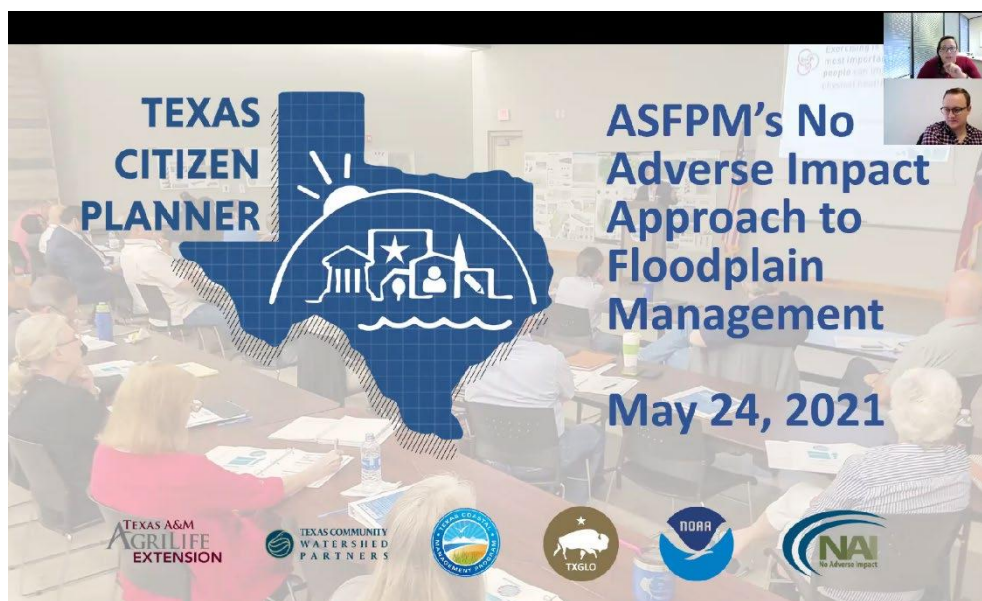


Figure 6. Amanda Ashcroft, AICP and Andrew Knuppel, AICP conducting introductions and giving a brief overview of the Texas Citizen Planner Program to attendees.



Figure 7. Janet Thigpen, CFM discussing adverse impacts during her presentation: *The No Adverse Impact Approach for Floodplain Management*.

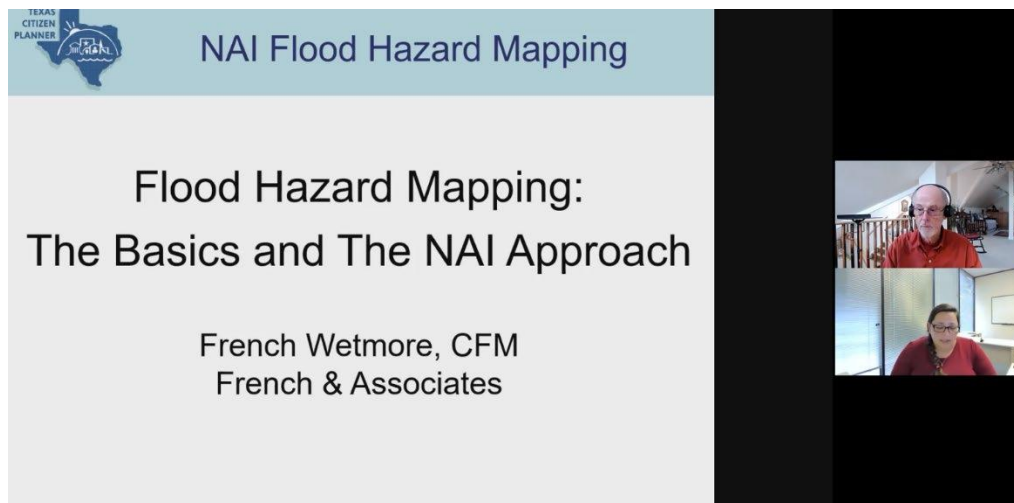
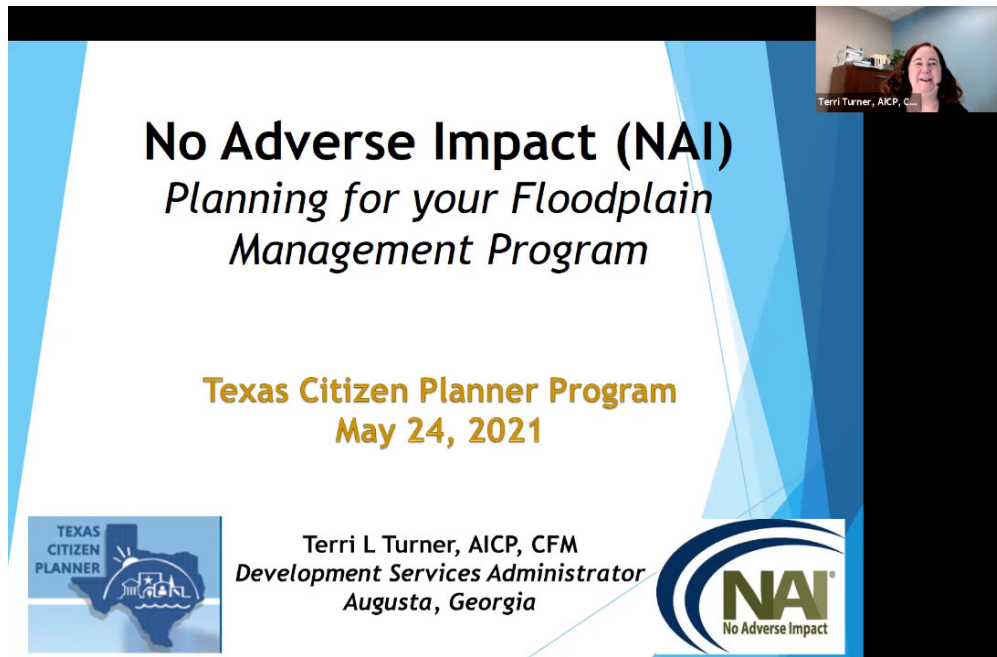


Figure 8. Amanda Ashcroft, AICP introducing French Wetmore, CFM before the start of his presentation: *Flood Hazard Mapping: The Basics and The NAI Approach*.



No Adverse Impact (NAI)
Planning for your Floodplain Management Program

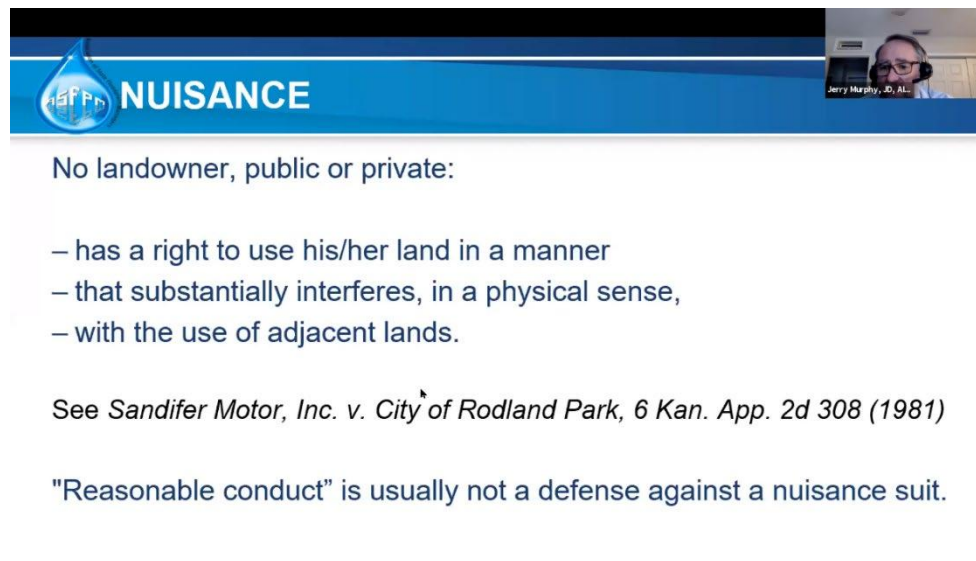
Texas Citizen Planner Program
May 24, 2021

TEXAS CITIZEN PLANNER

Terri L Turner, AICP, CFM
 Development Services Administrator
 Augusta, Georgia

NAI
 No Adverse Impact

Figure 9. Terri Turner, AICP, CFM presents over NAI Planning for your Floodplain Management Program.



NUISANCE

No landowner, public or private:

- has a right to use his/her land in a manner
- that substantially interferes, in a physical sense,
- with the use of adjacent lands.

See *Sandifer Motor, Inc. v. City of Rodland Park*, 6 Kan. App. 2d 308 (1981)

"Reasonable conduct" is usually not a defense against a nuisance suit.

Figure 10. Jerry Murphy, JD, AICP, CFM highlighting the definition of a nuisance during his presentation: *Legal Foundations for the No Adverse Impacts Approach to Floodplain Stewardship*.

Thank You!

Texas Community Watershed Partners
TCWP.tamu.edu
CommunityCHARM.org

Amanda Ashcroft, AICP | Amanda.Ashcroft@tamu.edu
Resiliency Program Coordinator II | Planner
Texas Citizen Planner Lead

Chat Messages

required for our commission

Lisa Gonzalez 06:56:53
Rudy Klein for CFM

Emily Delgado 06:57:01
Emily Delgado- CFM

Brad Wilber 06:57:07
Brad Wilber, CFM

Garry Montgomery 06:57:08
Garry Montgomery, P.E. Utility Engineering Group, PLLC, CFM CEU credit.

Ryan Kilman 06:57:31
Thank you. Whoop!

Nancy Simpson 06:57:53
Nancy M. H. Simpson, CFM

Donna Green 06:58:51
Donna L. Green, CFM

Susan Puz 06:59:08
susan.puz@co.newton.tx.us - Susan F Puz, CFM -

Figure 11. Amanda Ashcroft, AICP giving closing remarks for Specialty Course 1 and the webinar while adjourning.

SCREEN CAPTURES FROM SPECIALTY COURSE 2– COMMUNITY PLANNING FOR FLOOD MITIGATION AND RESILIENCY:



Figure 12. Figure 6. Andrew Knuppel, AICP conducting introductions and giving a brief overview of the Texas Citizen Planner Program to attendees.

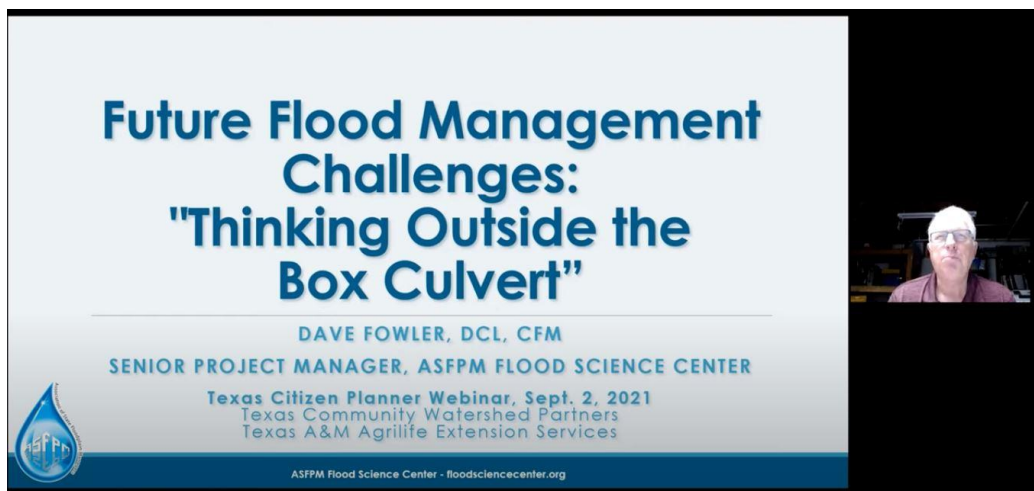


Figure 13. David Fowler, CFM presents: Future Flood Management Challenges: "Thinking Outside the Box Culvert".



Figure 14. Amanda Ashcroft, AICP introduces speaker Dr. Lauren Hutch Williams, Ph.D. for her presentation: The Nature Conservancy's Community Rating System (CRS) Explorer Tool and Green Print.

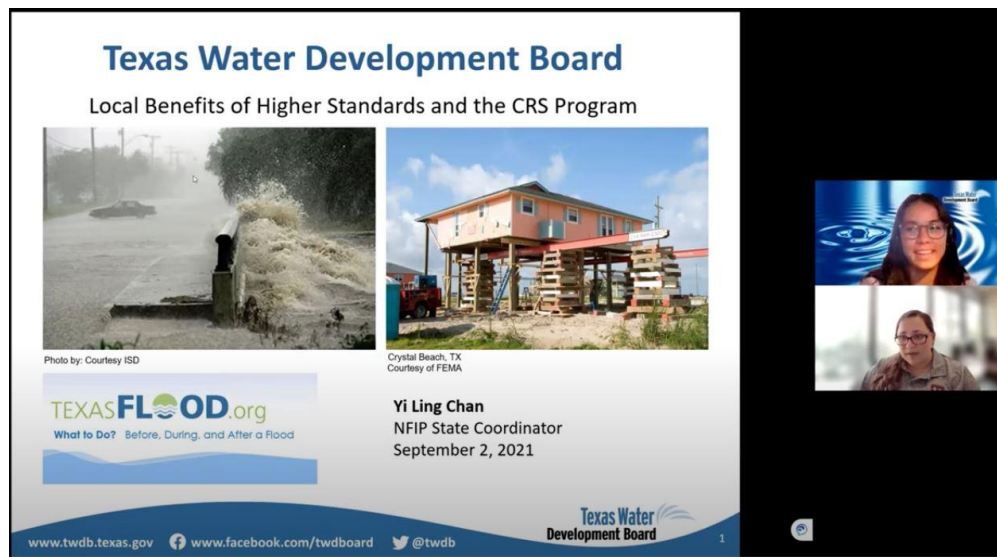


Figure 15. Yi Ling Chan, CFM presents a lunch and learn regarding Assistance Programs: Local Benefits of Higher Standards and the CRS Program.

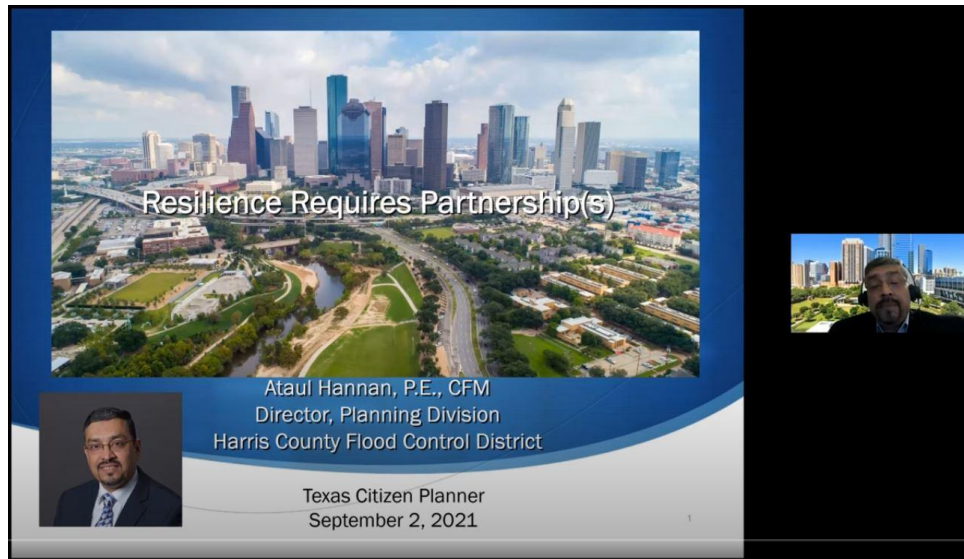


Figure 16. Ataul Hannan, P. E., CFM presents: Resilience Requires Partnership(s).



Figure 17. Roderick Scott, CFM closes the Specialty Course 2 event with a pre-recorded presentation titled: Flood Hazard Mitigation- Elevation.

EVENT OUTCOMES

STUDENT CHARACTERISTICS

Specialty Course 1:

The ASFPM No Adverse Impact Floodplain Management live webinar event hosted on Zoom registered a total of 194 people. Of the 194 registered the event had 112 attendees, including elected local officials, planning commissioners, planning staff, floodplain managers, and engineering staff. Several questions were asked during online registration and during the post-event survey/evaluation to ensure answers from all participants. Participants were asked “Which of the following positions/occupations have you held – present or past?” More than one answer was accepted for this question. Figure 6 includes the proportion of registrants who identified with various positions/occupations within their community.

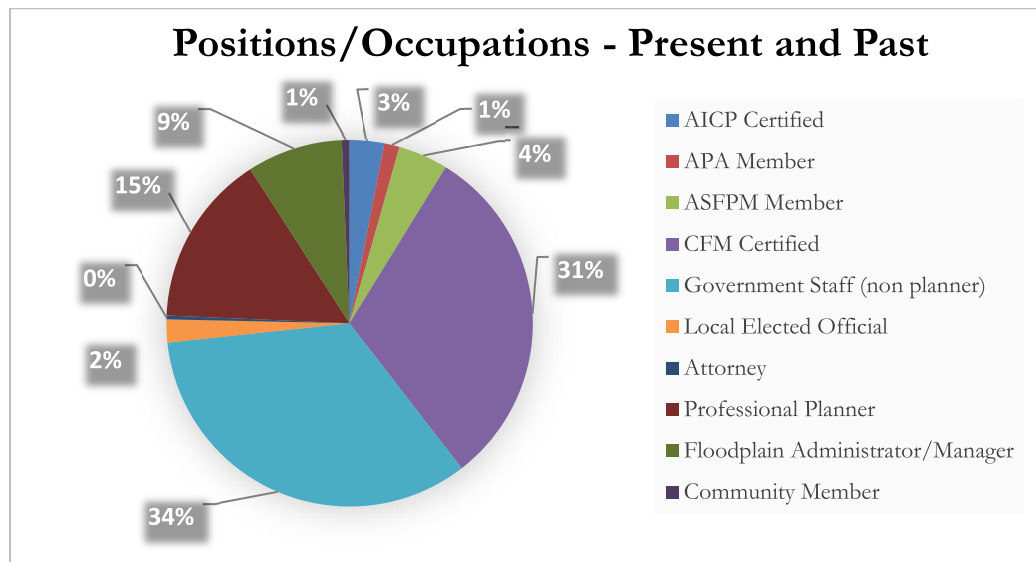


Figure 18. Positions/occupations selected by attendees during online registration.

Participants were also asked during the post-event survey/evaluation, “Which of the following describes the population size for the community you work in?”. Survey results for the community population size for participants are included in Figure 7.

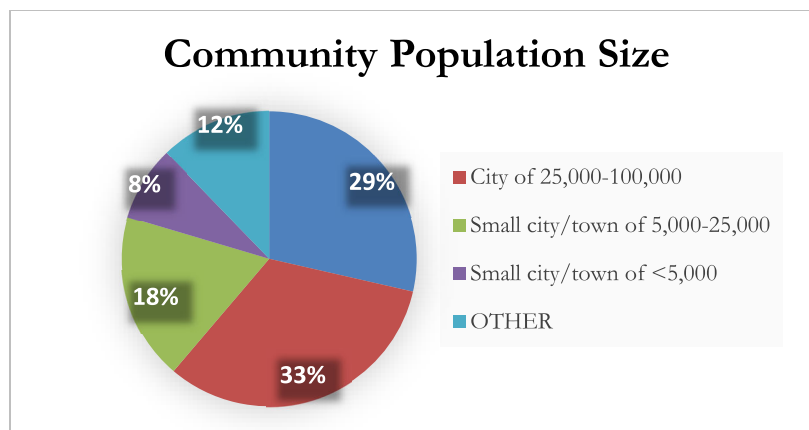


Figure 19. Community population size selected by attendees during online registration.

The Registration breakdown including community/organization and position title is included in Table 4 (duplicates were removed).

Table 3. Registration breakdown. Duplicates were removed.

COMMUNITIES/ORGANIZATIONS	TITLES
Alamo Industrial, Bastrop County, Beaumont Planning & Community Development, Bee County Environmental Health, Brazos Valley Council of Governments, Broward County Water Management, Chambers County, Charleston County, Charleston County Government, Cities of Highland Haven & Granite Shoals, TX, City of Alpharetta, City of Baytown, City of Cedar Park, City of Cibolo, City of Colleyville, City of Colonial Heights, City of Corpus Christi, City of Delray Beach, FL, City of Denton, City of Dickinson, City of East Point, City of El Campo, City of El Lago, City Of Elsa, City of Farmers Branch, City of Galveston, City of Harlingen, City of Houston, City of Kingsville, City of Kissimmee, City of La Porte, City of Lake Jackson, City of Lakeland, City of Laredo, City of League City, City of Liberty, City of Marble Falls, City of Melbourne, City of Myrtle Beach, City of Niceville, City of Norfolk, City of Oldsmar, City of Orange, City of Orlando, FL, City of Pearland, City of Port Aransas, City of Port Arthur, City of Round Rock, City of San Antonio, City of San Marcos, City of Savannah, City of Schertz, City of Shiner, City of Social Circle, City of South Padre Island, City of Suwanee, City of Victoria, City of Wallis, City of West Columbia, City of Wharton, Colleton County, CSRS, FEMA, Fergus County, Florida Division of Emergency Management, Fort Bend County LID #2, GLO-CDR, Greenville County, Half Associates, Hays County, Henrico County, H-GAC, Highland Lakes Appraisers; D Green& Assoc., Jackson County (FL) Board of County Commissioners, James H Carter Land Surveying Co., Jasper County, Jefferson County, Kleberg County, Lamar University, Miami-Dade County, Michael Baker International, Montgomery County Office of Homeland Security and Emergency Management (MCOHSEM), North Central Texas Council of Governments (NCTCOG), Newton County, Niagara Peninsula Conservation Authority, North Bay Village, FL, Nueces County, Ohio EPA, Omega Engineers, Owen & White, Inc., PCCA, Rio Vista Construction, Inc, San Saba County, Simfero, Smith County, Southwest Florida Water Management District, Tarrant County, Tetra Tech, Texas A&M AgriLife Extension Service, Texas General Land Office, Texas Sea Grant, Texas Southern University, Texas Water Development Board, Town of Lady Lake, University of Texas Rio Grande Valley, University of Houston – Downtown, Utility Engineering Group, PLLC, Vermont Department of Environmental Conservation, Village of Key Biscayne, Willacy County, Williamson County, Woolpert, York County	911 Coordinator/ Assistant Emergency Management Coordinator, Assist. Director of Environmental Services, Assistant City Clerk, Assistant City Engineer, Assistant Director of Planning and Engineering, Assistant Emergency Management Coordinator, Assistant Professor, Associate Engineer, Board Member, Building Official, Building Official / Floodplain Administrator, CEO & Principal Scientist, Chair Civil and Environmental Engineering, Chief Building Official, CIP Manager, City Engineer, City Engineer – Planner, City Inspector, City Manager, City Planner, Clerk II- Planning Department, Coastal Planning Specialist, Code Compliance Services Supervisor, Code Enforcement, Community Development Director, Community Development Director & Floodplain Manager, Community Planner, Coordinator, Councilman, County Engineer, Data Analyst, Deputy Building Official, Director, Director Planning Studies, Director of Development Services, Director of Emergency Management and Homeland Security, Director of Planning & Development Services, Director of Planning & Engineering, Director of Public Works, Disaster Recovery Manager, Emergency Management Coordinator/Floodplain Administrator, Emergency Management, Emergency Manager, Engineer, Engineering Manager, Engineering Technician I, Engineering Unit Supervisor, Environment & Development Planner, Environmental Affairs Manager, Environmental Compliance Coordinator, Environmental Health Officer , Floodplain & Coastal Protection Manager, Floodplain & Dam Safety Manager, Floodplain Administrator, Floodplain Coordinator, Floodplain Engineer, Floodplain Manager, Floodplain Planner III, Georgia Registered Land Surveyor, Geospatial Analyst, GIS Technician, Graduate Civil Engineer, Graduate Engineer, Grant Committee, Grant Writer, Grants Committee Member, Health Inspector, Hydrologist, Insurance Specialist, Intern, Lead Engineering Technician, Long Range Planning Manager, Manager - Special Projects, Mayor Pro Tem, MUD Director, NFIP State Coordinator, Permit Tech, Planner, Planner Specialist, Planning and Zoning Chair, Planning and Zoning Member, Planning Assistant, Planning Coordinator, Planning Specialist, Planning Technician, Plans Examiner, President, Professional Engineer, Professor, Project Coordinator, Project Engineer, Public Works Director, Regional Floodplain Manager, Road/Floodplain Administrator, San Marcos City Councilman, Senior Assistant City Engineer, Senior Assistant. City Attorney, Senior City Planner, Senior Coastal Ecologist, Senior Code Officer, Senior

Engineer, Senior Planner, Senior Planner | Floodplain Administrator, Senior Project Manager, Shoreline Director, Shoreline Grants and Special Projects Admin, Special Projects Manager, State NFIP Coordinator / State Floodplain Manager, Storm Water Engineer, Stormwater Coordinator, Structural Plan reviewer, Supervising Engineer, Urban Planner, Water Plant Operator, Water Resource Practice Lead, Watershed Management Program Lead, Watershed Planner, York County Environmental Compliance Plan Reviewer, Zoning and Floodplain Administrator, Zoning Plans Reviewer/Planner

Specialty Course 2:

The Community Planning for Flood Mitigation and Resiliency live webinar event hosted on Zoom registered a total of 192 people. Of the 192, the event had 100 attendees including elected local officials, planning commissioners, mayors, attorneys, planning staff, floodplain managers, and engineering staff. Several questions were asked during online registration and during the post-event survey/evaluation to ensure answers from all participants. Participants were asked “Which of the following positions/occupations have you held – present or past?” More than one answer was accepted for this question. Figure 8 includes the proportion of registrants who identified with various positions/occupations within their community.

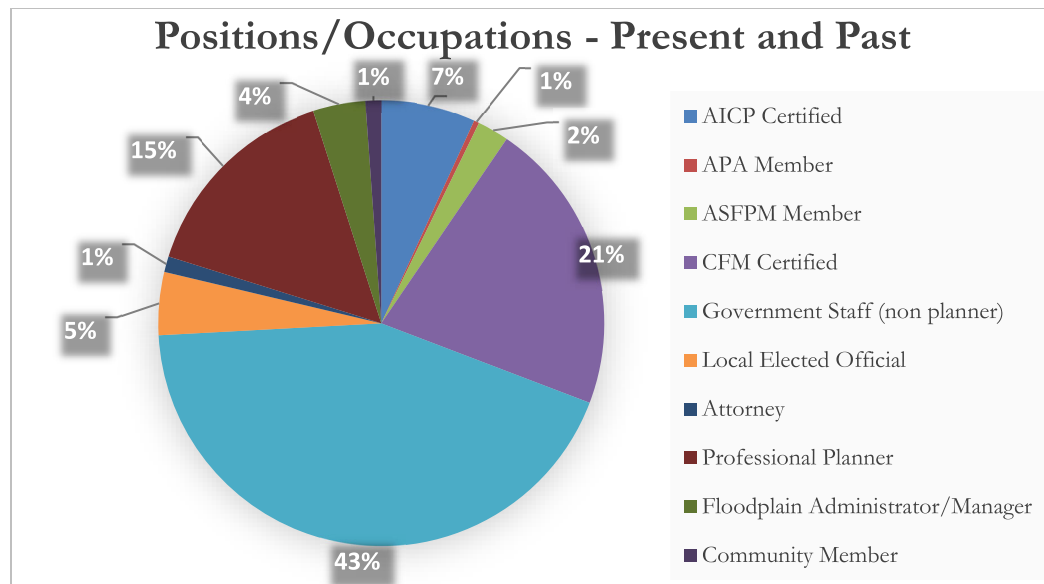


Figure 20. Positions/occupations selected by attendees during online registration.

Participants were also asked during registration, “Which of the following describes the population size for the community you work in?”. Survey results for the community population size for participants are included in Figure 9.

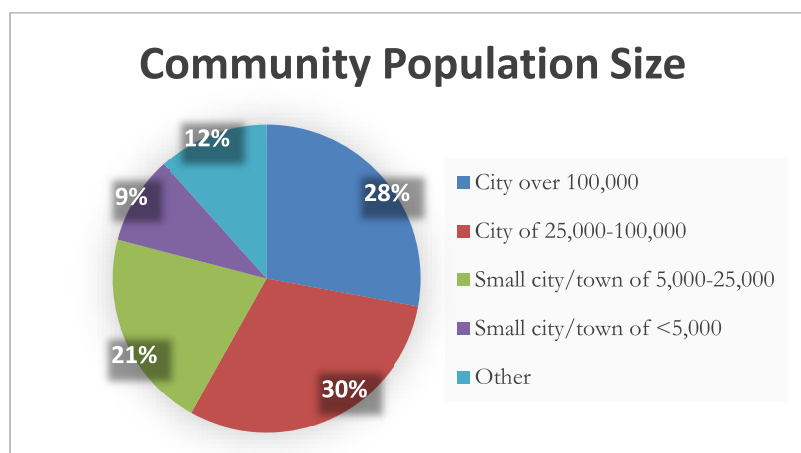


Figure 21. Community population size selected by attendees during online registration.

The Registration breakdown including community/organization and position title is included in Table 4 (duplicates were removed).

Table 4. Registration breakdown. Duplicates were removed.

COMMUNITIES/ORGANIZATIONS	TITLES
Addicks Flood Mitigation Network, ARISE ADELANTE, ASFPM, Austin Disaster Relief Network, Bastrop County, Brazoria County Parks Department, Charleston County Government, Charleston County Planning, City of Abilene, City of Alton, City of Bay City, City of Cedar Park, City of Cibolo, City of Columbus, City of Converse, City of Corpus Christi, City of Deer Park, City of Delray Beach, City of Denison, City of Denton, City of East Point, City of El Lago, City of Elsa, City of Ennis, City of Freeport, City of Friendswood, City of Fulshear, City of Galveston, City of Glenn Heights, City of Harlingen, City of Hitchcock, City of Horseshoe Bay, City of Houston, City of Humble, City of Kyle, City of La Porte, City of League City, City of Leander, City of McAllen, City of Mesquite, City of Midlothian, City of Nassau Bay, City of Navasota, City of Niceville, City of Norfolk, City of Orlando, City of Pattison, City of Pearland, City of Port Aransas, City of Port Arthur, City of Prairie View, City of Rockport, City of Roma, City of Rosenberg, City of Round Rock, City of San Antonio, City of San Benito, City of Santa Fe, City of Seabrook, City of Social Circle, City of South Padre Island, City of Sugar Land, City of Sweeny, City of Iowa Colony, City of Weslaco, City of West Columbia, City of Wharton, Colleton County, COSA-DSD, Denton County, DMJ Services, LLC, Fort Bend County LID, Fort Bend County Homeland Security & Emergency Management, GES - Groundwater & Environmental Services, GrantWorks, Inc., Hardin County, HOK, Houston One Voice Inc, Houston Stronger, Houston-Galveston Area Council, Institute for Building Technology and Safety, Inwood National Bank, IPM, James H Carter Land Surveying Co, JSC, Langford Community Management Services, Inc., LiftFund Inc, Matagorda County, McLennan County, North Bay Village, Nueces County, Orange County, Port of Corpus Christi Authority, Proyecto Azteca, PT Hirfi Studio, PZ Consulting, Rio Grande Valley Metropolitan Planning Organization (RGVMPO), Save Buffalo Bayou, SSC, Services for Education, Texas A & M AgriLife Extension Service, Texas A&M University, Texas A&M University Corpus Christi, Texas General Land Office (GLO), Texas Riogrande Legal Aid, The Nature Conservancy, Town of Holiday Lakes, United Way of Brazoria County, University of Florida, University of Texas Medical Branch, USW Utility Group, Utility Engineering Group, PLLC, Village of Key Biscayne,	Administrative Assistance, Assistant City Clerk/Planning and Zoning Administrator, Assistant City Manager/City Secretary, Assistant Director of Planning & Development, Assistant Director, Associate Engineer, Attorney, Building Official, County Extension Agent, Grants Manager, Chairman- Planning & Zoning Commission, Chief Building Official, Chief of Police, Chief Operating Officer, Citizen, City Council Member, City Council Position 2, City Councilman/ Mayor Pro Tem, City Councilperson, City Engineer, City Manager, City Planner, City Secretary, Coastal Coordinator, Coastal Resources Manager, Code Enforcement Officer, COH Council District E South Sector Manager, Community Development Director, Community Outreach Director, Community Planner, Community Services Director, Councilwoman, County Commissioner, County Engineer, County Planner, DAR Agent, Deputy Building Official, Deputy City Attorney, Deputy Director of Engineering, Deputy Emergency Management Coordinator, Development Inspector, Development Services Director, Director of Community Development, Director of Planning & Development/Chief Building Official, Director of Public Works, Disaster Attorney, Emergency Management Coordinator, Engineer, Engineer II, Engineering Coordinator, Engineering Inspector, Engineering Services Manager, Engineering Tech, Environmental Affairs Manager, Environmental Compliance Coordinator, Executive Director, Facilities Coordinator, Faculty Consultant, Floodplain Administrator, Floodplain Engineer, Floodplain Planner and CRS Coordinator, Georgia Registered Land Surveyor, GIS Analyst, GIS Coordinator, Government Relations, Grant Consultant, Hazard Mitigation Planner, Hazard Mitigation Project Manager, Inspector, Intern, Manager of Emergency Management, Manager of Environmental Planning, Managing Director, Mayor, Mayor Pro Tem, Network Coordinator, North Sector Manager, ORGANIZADOR COMUNITARIA, Park Development Manager, Interpreter/Trails & Events Coordinator, Parks Planner/Project Manager, Permit Clerk, Planner, Planner III: BikePed Program Coordinator, Planning & Code Enforcement Director, Planning Director, Planning Manager, Planning Technician, Plans Examiner, President, Principal Environmental Scientist, Program Support Specialist, Projects Coordinator, Regional Manager, Senior Assistant City Attorney, Senior City Planner,

Wharton County Economic Development Corporation, Willacy County, WWF-Turkey	Senior Civil Engineer – Drainage, Senior Coastal Ecologist, Senior Conservation Officer, Senior Engineer, Senior Engineering Manager, Senior Hazard Mitigation Planner, Senior Planner, Senior Transportation Planner, Shoreline Director, Storm Water Specialist, Stormwater Engineer II, Stormwater Manager, Transportation Planner 1, Urban Designer, Zoning & Floodplain Administrator, and CRS Coordinator
---	---

ONLINE COURSE DEVELOPMENT

Content from both specialty courses integrated into an online learning platform- AgriLife Learn. Texas A&M AgriLife Marketing & Communications (AgriLife MarComm) staff in College Station was invaluable in converting the video and other learning materials provided into the online delivery platform.

ONLINE COURSE HIGHLIGHTS

- Titles:
 - Texas Citizen Planner: ASFPM's No Adverse Impact Floodplain Management
 - Texas Citizen Planner: Community Planning for Flood Mitigation
- Registration URLs:
 - [Texas Citizen Planner: ASFPM's No Adverse Impact Floodplain Management](#)
 - [Texas Citizen Planner: Community Planning for Flood Mitigation and Resiliency](#)
- Presentations delivered by 8 experts, 4 per course, and leaders in their field who share first-person perspectives and case study examples
- Speakers list:
 - Texas Citizen Planner: ASFPM's No Adverse Impact Floodplain Management
 - Janet Thigpen, CFM
 - French Wetmore, CFM
 - Terri Turner, AICP, CFM
 - Jerry Murphy, JD, AICP, CFM
 - Texas Citizen Planner: Community Planning for Flood Mitigation and Resiliency
 - Dave Fowler, CFM
 - Roderick Scott, CFM
 - Lauren Hutch Williams, PhD
 - Tim Trautman, P.E., CFM
- Approximately 3 hours and 30 minutes of video presentations for each course. Both courses include quizzes, supplemental reading items, and resource URLs. It is expected that the courses take up to 5 hours to complete in their entirety.
 - Texas Citizen Planner program URL - <https://citizenplanner.tamu.edu/>

Are you ready to make your community more flood resilient?

Texas A&M AgriLife Extension Service Introduces:

TEXAS CITIZEN PLANNER

Texas Citizen Planner is a training and education program that places the tools of community resilience into the hands of local elected and appointed officials – our citizen planners.

Every day, local governments are confronted with planning decisions – large and small – that will shape how their communities grow for years to come. Our local leaders must be armed with skills and knowledge to enhance quality of life, economic opportunity, and sound environmental stewardship. Planning and land use decisions made today will determine how resilient we are for decades to come.

**Self-paced
Online Courses**

**CFM Credits
Available**

**Program Bundles
Available**

REGISTER AT:

citizenplanner.tamu.edu/registration

Planning Foundations	Community Planning for Hazards	No Adverse Impact Floodplain Management	Community Planning for Flood Mitigation
8 Hours of Video \$120 SPEAKERS: Shannon Van Zandt, Ph.D., AICP Matthew J. Festa, JD Matt Lewis, CNU-A Jaimie Hicks Masterson, AICP, LEED GA How do communities and local officials use the planning powers of local government to improve neighborhoods, promote economic development, preserve open space, and protect public safety? In this course we will cover development and placemaking issues concerning sprawl, smart growth, and New Urbanism through an exploration of the planning process to help local officials better understand their options and impacts when it comes to planning.	3.5 Hours of Video \$80 SPEAKERS: Earthea Nance, Ph.D., P.E., CFM Katie Coyne, AICP, Certified Ecologist-ESA, SITES AP David Jackson, CEM The art of good planning is about injecting long-term considerations into near-term actions. Communities that integrate hazard mitigation principles and factor in long-term risks into their existing plans stand to make their communities more resilient and less prone to disasters. In this course you will hear first person perspectives about strategic approaches other Texas communities have used to link risk management with their ongoing community planning and vision.	3.5 Hours of Video \$80 SPEAKERS: French Wetmore, CFM Janet Thigpen, CFM Terri Turner, AICP, CFM Jerry Murphy, JD, AICP, CFM Join us in partnership with ASFPM for a Texas Citizen Planner course covering ASFPM's No Adverse Impact (NAI) Floodplain Management. The NAI approach ensures the action of any community or property owner, public or private, does not adversely impact the property and rights of others. The NAI approach will lead to reduced flood losses while promoting and rewarding strong water stewardship and mitigation at the local level.	3.5 Hours of Video \$80 SPEAKERS: Dave Fowler, CFM Roderick Scott, CFM Lauren Hutch Williams, PhD Tim Trautman, P.E., CFM While floods may seem to be a hazard outside of a community's control, local planning is one of the most effective tools in reducing current and future flood losses. In this course you will learn about local trends in flood management, how to plan, fund, and implement activities related to the Community Rating System program such as open space preservation, building retrofits and elevations, green infrastructure, and more.

citizenplanner.tamu.edu | For more information, please contact Amanda Ashcroft, AICP | amanda.ashcroft@ag.tamu.edu

These courses are funded in part by Texas Coastal Management Program approved by the Texas Land Commissioner pursuant to National Oceanic and Atmospheric Administration Award No. NA16NO-S4180153, Award No. NA20NO-S4180154, and FEMA Region VI Agreement No. EMF 2016 CA 02031 S01.

Figure 22. Texas Citizen Planner online course(s) announcement (front and back).

VIDEO PRODUCTION

Due to the Covid-19 pandemic a majority of audio and video recording for most instructors was conducted through Zoom. Instructors were offered studio time where audio could be captured in a studio audio booth setting if they traveled to College Station for a recording session of their presentation. The studio setting ensured good audio quality through correct microphone placement, monitoring volume levels and any possible interference or other problems. One instructor felt comfortable enough to travel and record in the audio booth.

PRE-PRODUCTION AND PRACTICE

Several meetings were facilitated with AgriLife MarComm staff for concept development and logistics planning for the online course. Presenters were provided with desired learning goals and the key points to cover within their material. Instructors were sent a technology package that included an HD quality webcam, a headset for better audio quality, and a ring light for better lighting. Several zoom conference calls and messages were exchanged for instructors to discuss event logistics and presentation topics prior to each live event, including individualized tech-checks. After instructors presented at the live webinar event, they scheduled a time to record their presentation via zoom. This allowed for better video and audio quality, while also giving TCWP staff the opportunity to re-record or pause recording due to interference.

DELIVERY

AgriLife MarComm staff provided design direction for the online learning platform development and content delivery. Once the video was recorded and edited, it was made available to TCWP to develop course content. Each video was split into named sections and quiz questions as well as other interactions were drafted. Draft content was sent to the instructor (subject matter expert), TCWP staff, and a group of volunteers from the advisory committee and live event attendees for input via a pilot testing phase before being delivered back to AgriLife MarComm for incorporation into the course. Once content was available for review online, TCWP staff reviewed the content one final time and provided input to AgriLife MarComm.

The last step was to make content available through a professionally designed course space that meets ADA compliance (Figure 18). A self-paced deployment model will allow start dates to vary by learner and no limits will be placed on class size. Online modules were designed to maximize independent learning and all interactions will occur online.

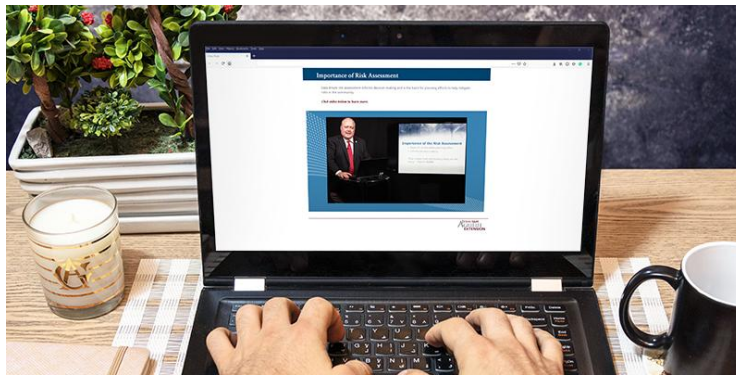


Figure 23. Citizen Planner online course screenshot accessed through the AgriLife Learn website.

Specialty Course 1: Texas Citizen Planner: ASFPM's No Adverse Impact Floodplain Management

Online Course Synopsis

While floods may seem to be a hazard outside of a community's control, local planning is one of the most effective tools in reducing current and future flood losses. Every day, local governments are confronted with planning decisions – large and small – that will shape their communities for years to come. As our communities and their leaders change over time, Texas Citizen Planner aims to support informed decision-making and educate local officials about planning best practices.

Attendees will learn from practitioners and experts about local trends in flood management and how to plan, fund, and implement activities including open space preservation, building retrofits and elevations, and the Community Rating System.

Instructor Bios

Janet Thigpen, CFM

*Flood Mitigation Specialist, Southern Tier Central Regional Planning & Development Board (STC)
ASFPM NAI Committee Co-Chair*

Ms. Thigpen presented “The No Adverse Impact (NAI) Approach to Floodplain Management” during ASFPM's No Adverse Impact Floodplain Management Specialty Course in 2021.

Janet Thigpen is a Certified Floodplain Manager with a Bachelor of Arts Degree in Geology from Carleton College and a Master of Science Degree in Geology (Geophysics) from Cornell University. Ms. Thigpen has implemented a regional Flood Assistance Program since 1996, providing the three-county Southern Tier Central Region of New York State (Steuben, Chemung, and Schuyler Counties) with technical and planning assistance for diverse flood damage prevention activities. Ms. Thigpen received the 2018 Louthain Award for Distinguished Service from the Association of State Floodplain Managers (ASFPM) and currently serves as Co-Chair of the ASFPM No Adverse Impact (NAI) Committee.

French Wetmore, CFM

President, French & Associates

Mr. Wetmore presented “Flood Hazard Mapping – The Basics and the NAI Approach” during ASFPM's No Adverse Impact Floodplain Management Specialty Course in 2021.

Prior to consulting, French was Chief of Local Floodplain Programs for the Illinois Division of Water Resources and State Flood Insurance Coordinator, 1976 – 1988. French's State work and consulting projects have focused on assisting communities with their floodplain management and mapping programs. He is the author of many guides for local officials, including the source documents for FEMA's Floodplain Management Desk Reference (FEMA 480), ASFPM's No Adverse Impact Toolkit, and the NAI How-to Guide for Hazard Identification and Floodplain Mapping. French served for 16 years on his town's planning commission, including five years as Chair.

Terri Turner, AICP, CFM

*Development Services Administrator / Floodplain Manager / Hazard Mitigation Specialist, Planning and Development
Department of Augusta, Georgia
ASFPM NAI Committee Co-Chair*

Mrs. Turner presented “No Adverse Impact (NAI) Planning for your Floodplain Management Program” during ASFPM's No Adverse Impact Floodplain Management Specialty Course in 2021.

Terri has worked for city and county government for a total of over 25 years, both in South Carolina and in Georgia. Before her government service, she spent 16 years actually designing the same types of projects she now reviews in her role with the City of Augusta. She is the past Association of State Floodplain Managers (ASFPM) Region 4 Director, and currently serves as the ASFPM No Adverse Impact (NAI) Committee Co-Chair. She also serves as an Associate for the ASFPM Foundation. Terri spends most of her free time writing

for national publications and traveling across the country as a local government and floodplain management expert and No Adverse Impact SME.

Jerry Murphy, JD, AICP, CFM

Faculty Consultant, Program for Resource Efficient Communities (PREC) at the University of Florida.

Mr. Murphy presented “Legal Foundations for the No Adverse Impacts Approach to Floodplain Stewardship” during ASFPM’s No Adverse Impact Floodplain Management Specialty Course in 2021.

Jerry is a certified floodplain manager, certified urban and regional planner, and legal scholar. His work and research involve land use planning and control law, community-based planning, code and regulation drafting, floodplain management, growth and infrastructure finance, post-disaster redevelopment planning, community resiliency/sustainability. He currently works with local governments through UF to assemble teams of expert faculty, researchers, and student assistants to craft planning approaches and strategies to climate change, extreme weather, sea-level rise and the other challenges facing local governments in the 21st Century.

More information is available online at <https://citizenplanner.tamu.edu>

Specialty Course 2: Texas Citizen Planner: Community Planning for Flood Mitigation

Online Course Synopsis

While floods may seem to be a hazard outside of a community's control, local planning is one of the most effective tools in reducing current and future flood losses. Every day, local governments are confronted with planning decisions – large and small – that will shape their communities for years to come. As our communities and their leaders change over time, Texas Citizen Planner aims to support informed decision-making and educate local officials about planning best practices.

Attendees will learn from practitioners and experts about local trends in flood management and how to plan, fund, and implement activities including open space preservation, building retrofits and elevations, and the Community Rating System.

Instructor Bios

David Fowler, CFM

Senior Project Manager, Association of State Floodplain Managers (ASFPM)

Mr. Fowler presented “Future Flood Management Challenges: Thinking Outside the Box Culvert” during the Community Planning for Flood Mitigation Specialty Course in 2021.

Dave spent 36 years with the Milwaukee Metropolitan Sewerage District working on water resource and flood management issues before retiring in 2016. Dave is currently working for the Association of State Floodplain Managers (ASFPM) as a Senior Project Manager. He has been active with ASFPM for over 20 years in numerous leadership positions, and in 2016 he was awarded the Louthain Award for Distinguished Service to ASFPM.

Lauren Hutch Williams, Ph.D.

Resilient Coast Program Director, The Nature Conservancy (TNC)

Dr. Williams presented “The Nature Conservancy’s Community Rating System (CRS) Explorer Tool and Green Print” during the Community Planning for Flood Mitigation Specialty Course in 2021.

As the Resilient Coast Program Director for The Nature Conservancy in Texas, Lauren Hutch Williams works with scientists, resource managers, policy practitioners, community leaders and others to develop and implement strategies to create a resilient coast for Texas and the Gulf of Mexico. Lauren oversees all aspects of science, strategy, and project implementation for the Texas Chapter’s Resilient Coast Program and provides leadership and support for the Chapter’s conservation planning work, helping to establish overall conservation priorities for the Gulf coast.

Roderick Scott, CFM

Board Chair, Flood Mitigation Industry Association

Mr. Scott presented “Steps to Elevation – Elevation 101” during the Community Planning for Flood Mitigation Specialty Course in 2021.

Rod has over 25 years of contracting experience specializing in flood damage recovery and historic structures. In 2009, he traveled to Louisiana to assist in the start-up development of a multimillion-dollar flood hazard mitigation/elevation company. The company eventually elevated over 1,500 of the over 34,000 homes elevated in Louisiana, following multiple hurricanes in the last ten years. Rod has personally worked on all phases of over 300 flood hazard mitigation/elevation projects and is a historic building specialist. Rod has a private sector consulting company that provides education development programs, project management, assessment and estimating services for flood mitigation projects. In 2014 Rod became a Certified Floodplain Manager and has conducted flood hazard mitigation outreach programs for the victims of Irma and Harvey. In 2014 Rod won the ASFPM National Flood Proofing Award for the industry supported “Elevation 101” program. In 2018 Rod helped the International Association of Structural Movers publish the “Steps to Elevation – STE” for property owners. In April of 2020 Rod led a team to produce the “Home Raising Academy” a pilot HUD Resiliency

project in Norfolk, VA. In 2020 Rod lead a group of private sector companies create the Flood Mitigation Industry Association – 501c3 and is serving as Board Chair.

Timothy J. Trautman, P.E., CFM

Engineering & Mitigation Program Manager, Charlotte-Mecklenburg Storm Water Services, North Carolina

Mr. Trautman presented “Integrating Buyouts into Community Planning” for the Community Planning for Flood Mitigation Online Specialty Course in 2021.

Mr. Trautman is actively involved in national flood policy issues with the Association of State Floodplain Managers (ASFPM). He oversees a \$10M annual program that includes water quality and flood mitigation capital improvement projects, local mitigation planning, flood warning, and floodplain map maintenance. He has a BS and ME degree in Civil Engineering from the State University of New York at Buffalo.

More information is available online at <https://citizenplanner.tamu.edu>

CONTINUING EDUCATION CREDITS

Content and delivery of the Texas Citizen Planner: ASFPM'S No Adverse Impact Approach to Floodplain Management, and Texas Citizen Planner: Community Planning for Flood Mitigation Zoom Webinar events were evaluated against the requirements of two professional certifications:

- Texas Floodplain Management Association's (TFMA) Certified Floodplain Management (CFM) certification
- American Planning Association's (APA) American Institute of Certified Planners (AICP) certification

Continuing Education Credits (CEC) are available for CFMs for both in-person and online courses. Certification Maintenance (CM) credits are available for AICP professionals for live virtual or in-person events, and on-demand online courses must meet additional criteria to be eligible for CMs.

CFM CREDITS THROUGH TFMA

Five (5) TFMA CECs were awarded for each of the online Zoom Webinar events held in May and September 2021. CFM® is a registered trademark of the ASFPM Certified Floodplain Manager Program and available only to valid CFMs. As part of maintaining Certification status, the CFM must stay current in their knowledge of floodplain management policies and concepts. One (1) hour of instruction is equivalent to 1 CEC.

Additionally, 3.5 CECs will be awarded for both online courses available through AgriLife Learn.

AICP CREDITS THROUGH APA

Five (5) AICP CM credits, including one (1) credit in Law, for the May 2021 Zoom Webinar were awarded for each of the live online events held in May and September 2021 (Figure 8). As an approved AICP CM provider, Texas A&M AgriLife Extension Service must ensure that the events entered and published conform to CM policies. CM eligibility criteria requires the event offer a professionally relevant learning experience for a planner with at least four years of experience after earning a master's degree. One (1) hour of instruction is equivalent to 1 CM.

AICP

- Why AICP?
- Get Certified!
- Candidate Pilot Program
- Certification Maintenance**
- CM Log
- CM Search**
- CM Details for Providers
- Become a CM Provider
- CM Provider Toolkit
- My Organization Dashboard
- CM Program Details
- Maximize Your Credential
- AICP Fellows
- Ethics

CM Search

[Log CM credits for the NPC21 live online event here.](#)

Showing 1 - 50 of 734 [Next >](#)

Texas Citizen Planner [Go](#)

[FILTER +](#) Sort: Relevance ▾

EDUCATION AND EVENTS > EDUCATIONAL EVENTS > #9214777

TEXAS A&M AGRILIFE EXTENSION SERVICE LIVE ONLINE EVENT CM | 4

Texas Citizen Planner - No Adverse Impact

May 24, 2021, 9:00 a.m. to 4:00 p.m. CDT

Jerry Murphy, JD, AICP, CFM | Terri Turner, AICP | Janet Thigpen, CFM | French Wetmore, CFM

[Add to My Log](#)

EDUCATION AND EVENTS > EDUCATIONAL EVENTS > #9219208

TEXAS A&M AGRILIFE EXTENSION SERVICE LIVE ONLINE EVENT CM | 5

Texas Citizen Planner - Community Planning for Flood Mitigation

September 2, 2021, 9:00 a.m. to 4:00 p.m. CDT

Roderick Scott, CFM | Ataul Hannan, P.E., CFM | Yi Ling Chan, CFM | Lauren Hutch Williams, Ph.D. | David Fowler, CFM

[Add to My Log](#)

Figure 24. Certification Maintenance (CM) search results for Texas Citizen Planner showing APA course numbers and eligible CM credits for registrants.

NEXT STEPS

Program evaluation is integral to the success of any program. While the Texas Citizen Planner program was inceptioned in 2012, Michigan State University (MSU) Extension developed a Citizen Planner program in 2002 and the Master Citizen Planner (MCP) initiative over 10 years ago. With over 5,000 trained local officials, the Michigan program is one of the leaders in the nation. The Texas Citizen Planner project team reviewed Michigan Citizen Planner's positive community impact goals before developing the Texas Citizen Planner program evaluation questions to gauge participant perceptions of their impact at the local level¹. With input from the advisory committee and feedback from students, the team will work to offer live events in cooperation with the online curriculum moving forward.

Per MSU Extension "Attaining the [MCP] credential demonstrates a working knowledge of the skills necessary to guide community development. To obtain the MCP credential participants must successfully complete an examination based on program material. The exam is conducted in an online environment with a two-hour time frame." The Texas Citizen Planner project team hopes to further align their current and future course content so that they fulfill learning objectives established by the MCP program, paving a path for Texas Citizen Planners to add this credential to their professional toolbelt.

Texas Citizen Planner has engaged 332 officials and staff from across Texas and beyond. Student outreach for the online course will be ongoing as we facilitate new events and develop selected content into new online course modules. 33 instructors, representing private companies, universities, municipalities, as well as, regional and state agencies, have joined the Texas Citizen Planner program to present. The following focus areas on planning for natural hazards and resiliency will be considered: Principals of Sustainable Development (to include Smart Growth and Low Impact Development), Planning for Hazards and Mitigation Actions, Building Standard Considerations (including freeboard), The Value of Green or Ecological Infrastructure (wetlands, prairies, and other natural resource areas), and Retrofitting Suburbia.

Offering continuing education credits from professional organizations can increase enrollment. Specialty Course completion for live zoom webinar events allowed for 5 CECs for Certified Floodplain Managers (CFM) and 5 CMs for AICP professionals. The ASFPM's No Adverse Impact for Floodplain Management and Community Planning for Flood Mitigation and Resiliency online self-paced courses will offer 3.5 CFM CECs. Future live and online course content will be evaluated for continuing education approval by the American Planning Association (APA) and the Texas Floodplain Management Association (TFMA). Continuing education credits from additional professional organizations will be reviewed.

Partnerships with other local organizations with similar goals will be sought to reduce program costs by sharing resources. Potential partners include: V.G. Young Institute, Texas Municipal League for county officials, Texas American Planning Association, The Association for State Floodplain Managers, and The Texas Floodplain Management Association.

It is our experience that a nominal charge for training events like this increases commitment to attend classes and follow through on online courses. Costs to administer online course modules will be lower than in-person offerings but outreach will remain necessary. As new online modules are added to the online curriculum, the Citizen Planner program will have developed a training portfolio for local officials that will be seen as a go-to resource around the state.

¹ Beyea, W., Menon, R., and Crawford, P. (2016). Transforming the Knowledge Gap for Local Planning Officials: Impacts of Continuing Education in a Master Citizen Planner Program. *Journal of Extension*, 54(6). Retrieved from <https://joe.org/joe/2016december/a3.php>

APPENDIX A: AGENDAS



Agenda

ASFPM's No Adverse Impact Floodplain Management
May 24, 2021

Times listed below are in CST

- 9:00 AM Welcome and Introductions
Andrew Knuppel, AICP
Planning Program Lead, Texas Community Watershed Partners, Texas A&M AgriLife Extension
- 9:15 AM The No Adverse Impact (NAI) Approach for Floodplain Management
Janet Thigpen, CFM
*NAI Committee Co-Chair, ASFPM
Flood Mitigation Specialist, Southern Tier Central Regional Planning & Development Board (STC)*
- 10:30 AM Break (5 minutes)
- 10:35 AM Flood Hazard Mapping – The Basics and the NAI Approach
French Wetmore, CFM
President, French & Associates, Ltd.
- 11:50 AM Break for lunch (1 hour 10 minutes)
- 1:00 PM Welcome Back!
- 1:10 PM No Adverse Impact (NAI) Planning for your Floodplain Management Program
Terri Turner, AICP, CFM
*NAI Committee Co-Chair, ASFPM
Development Services Administrator, City of Augusta, Georgia*
- 2:25 PM Break (10 minutes)
- 2:35 PM Legal Foundations for the No Adverse Impacts Approach to Floodplain Stewardship
Jerry Murphy, JD, AICP, CFM
Faculty Consultant, Program for Resource Efficient Communities, University of Florida
- 3:50 PM Closing Remarks and Additional Resources
[Please complete your evaluation here](#)
- 4:00 PM Adjourn





Agenda

Community Planning for Flood Mitigation
Thursday, September 2nd, 2021

Times listed below are in CST

- 9:00 AM **Welcome and Introductions**
Andrew Knuppel, AICP
Planning Program Lead, Texas Community Watershed Partners, Texas A&M AgriLife Extension
- 9:15 AM **Future Flood Management Challenges: Thinking Outside the Box Culvert**
David Fowler, CFM
Senior Project Manager, Association of State Floodplain Managers (ASFPM)
- 10:25 AM Break (5 minutes)
- 10:30 AM **The Nature Conservancy's Community Rating System (CRS) Explorer Tool and Green Print**
Lauren Hutch Williams, Ph.D.
Resilient Coast Program Director, The Nature Conservancy
- 11:40 AM Break for lunch (1 hour 20 minutes)
- 1:00 PM Welcome Back!
- 1:05 PM **Property Acquisitions and Buyouts (working title)**
James Wade, CFM
Manager, Property Acquisition Services, Harris County Flood Control District
- 2:15 PM Break (5 minutes)
- 2:20 PM **Steps To Elevation – Elevation 101**
Roderick Scott, CFM
Board Chair, Flood Mitigation Industry Association
- 3:30 PM Break (5 minutes)
- 3:35 PM **Community Rating System (working title)**
Yi Ling Chan, CFM
NFIP State Coordinator and Manager, Community Assistance Program, Texas Water Development Board
- 4:45 PM **Closing Remarks and Additional Resources**
Please complete your evaluation here [link]
- 5:00 PM Adjourn





Agenda

Community Planning for Flood Mitigation
Thursday, September 2, 2021

Times listed below are in CST

- 9:00 AM **Welcome and Introductions**
Andrew Knuppel, AICP
Planning Program Lead, Texas Community Watershed Partners, Texas A&M AgriLife
- 9:15 AM **Future Flood Management Challenges: Thinking Outside the Box Culvert**
David Fowler, CFM
Senior Project Manager, Association of State Floodplain Managers (ASFPM)
- 10:25 AM Break (10 minutes)
- 10:35 AM **The Nature Conservancy's Community Rating System (CRS) Explorer Tool and Green Print**
Lauren Hutch Williams, Ph.D.
Resilient Coast Program Director, The Nature Conservancy
- 11:45 AM Break – grab your lunch! (15 minutes)
- 12:00 PM **State Agency Lunch & Learn and Assistance Programs: Local Benefits of Higher Standards and the CRS Program**
Yi Ling Chan, CFM
NFIP State Coordinator and Manager, Community Assistance Program, Texas Water Development Board
- 12:40 PM Break (20 minutes)
- 1:00 PM Welcome Back!
- 1:05 PM **Resilience Requires Partnership(s)**
Ataul Hannan, P.E., CFM
Planning Division Director, Harris County Flood Control District
- 2:15 PM Break (10 minutes)
- 2:25 PM **Steps to Elevation – Elevation 101**
Roderick Scott, CFM
Board Chair, Flood Mitigation Industry Association
- 3:35 PM **Closing Remarks and Additional Resources**
[Please complete your evaluation here](#)
- 4:00 PM Adjourn

APPENDIX B: CERTIFICATE TEMPLATE

Certificate Of Completion



PRESENTED TO

First .Name Last .Name

Texas Citizen Planner

A community planning education program for locally elected and appointed officials

ASFPM's No Adverse Impact Floodplain Management

May 24, 2021



Certificate Of Completion



PRESENTED TO

First Name Last Name

Texas Citizen Planner

A community planning education program for locally elected and appointed officials

COMMUNITY PLANNING FOR FLOOD MITIGATION

September 2, 2021



5 CECs for CFMs