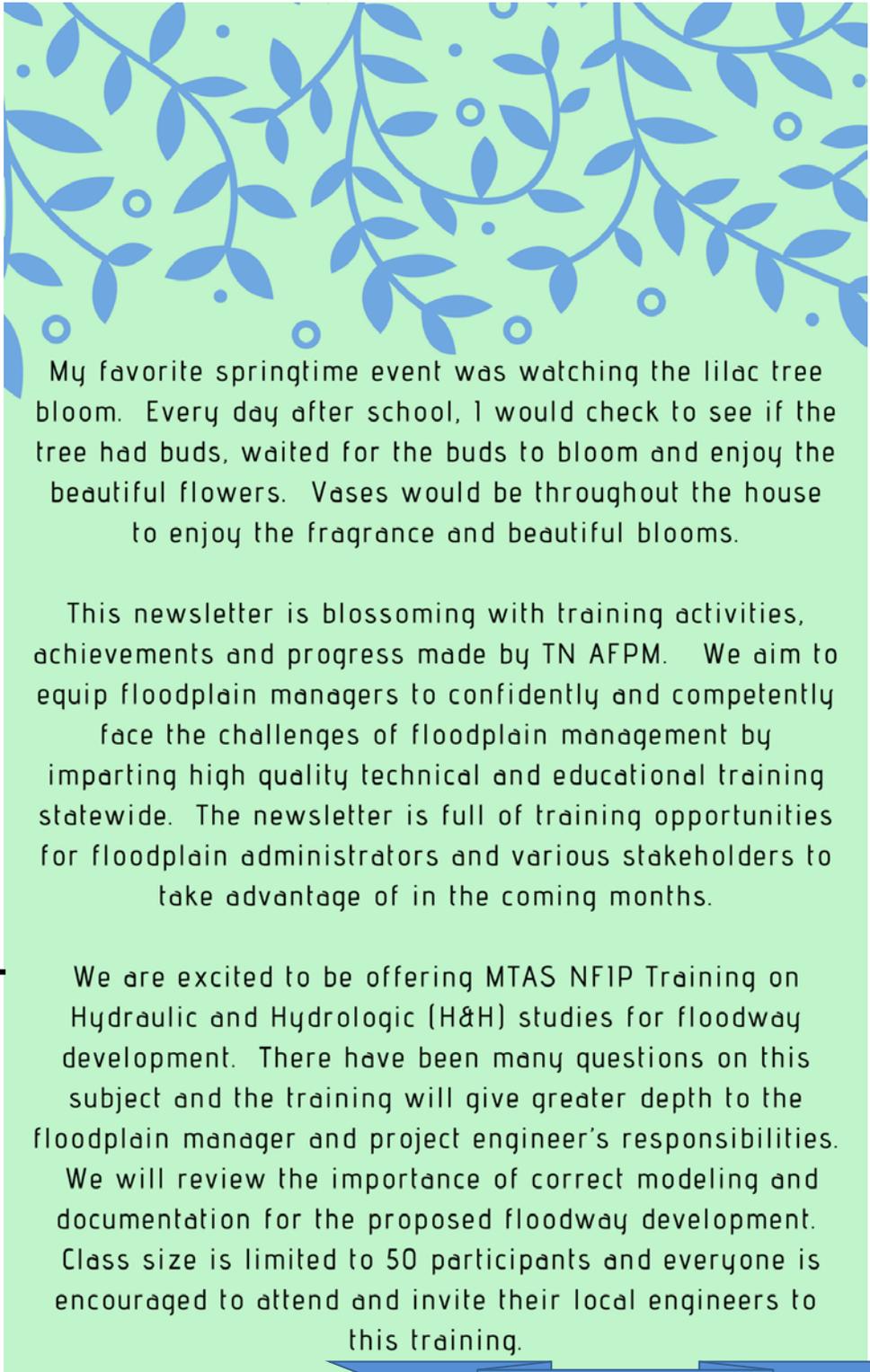


Tennessee Association of Floodplain Management

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State Coordinator's Update



My favorite springtime event was watching the lilac tree bloom. Every day after school, I would check to see if the tree had buds, waited for the buds to bloom and enjoy the beautiful flowers. Vases would be throughout the house to enjoy the fragrance and beautiful blooms.

This newsletter is blossoming with training activities, achievements and progress made by TN AFPM. We aim to equip floodplain managers to confidently and competently face the challenges of floodplain management by imparting high quality technical and educational training statewide. The newsletter is full of training opportunities for floodplain administrators and various stakeholders to take advantage of in the coming months.

We are excited to be offering MTAS NFIP Training on Hydraulic and Hydrologic (H&H) studies for floodway development. There have been many questions on this subject and the training will give greater depth to the floodplain manager and project engineer's responsibilities. We will review the importance of correct modeling and documentation for the proposed floodway development. Class size is limited to 50 participants and everyone is encouraged to attend and invite their local engineers to this training.

Amy Miller

New TN AFPM Website

Our new TN AFPM Website went live this month and is ready for your 2018 conference registration.

Current members will receive an auto generated email with instructions for updating your login information.

With the new website, you will be able to join TN AFPM, keep your membership up to date, find information on upcoming trainings, newsletters, and our annual conference.

In addition, there is information on the CFM and CFS programs and several floodplain management resources.

Please check out our new website at: <http://tnafpm.clubexpress.com>

Schedule of Events

TNAFPM Middle TN Regional Training

Date/Time/Location: May 15, 2018
 Location: James E Ward Agricultural Center, Gentry Building, 945 E Baddour Pkwy, Lebanon, TN 37087
 Cost : FREE for TN AFPM Members; \$25 for Non-Members

TNAFPM East TN Regional Training

Additional Information to be provided soon!

TNAFPM West TN Regional Training

December 2018 - Additional Information to be provided soon!

TNAFPM 9th Annual Conference

Date/Time/Location: July 25 – 27
 Location: Chattanooga Marriott Downtown
 Cost: \$150

Additional Information on page 10

Watch the TN AFPM website for updated information.

HAVE A QUESTION???

ask the expert!

Risk MAP program,
engineering, mapping, flood
insurance, etc.

Send the newsletter
committee your question and
we will find the right expert to
answer it in our next issue.



LinkedIn



VISIT ONE OF THE LINKS
ABOVE TO FIND US ON SOCIAL
MEDIA

MTAS Training - 2018



**NATIONAL FLOOD INSURANCE PROGRAM
ADMINISTRATION AND LEGISLATIVE
TRAINING (4 CPE)**

This free, 4-hour training session will provide a detailed overview of FEMA’s National Flood Insurance Program (NFIP) and review the community’s roles and responsibilities in administering this program at the local level. The course will contain information regarding floodway development, the components of an H&H study, no-rise certification as well as the Letter of Map Revision submittal process. The course is designed to familiarize participants with the various aspects of the duties of the floodplain manager, project engineer and the importance of compliant documentation. The class will be limited to 50 participants at each session.

Target Audience: Floodplain Administrators, Surveyors, Planning Directors, Codes Officials, Planning and Zoning Board Members and other Municipal Officials responsible for implementing their Floodplain Management Ordinance.

Dates/Locations/Times:

Aug 1	Johnson City	8:30a.m. – 12:30p.m. EDT
Aug 2	Knoxville	8:30a.m. – 12:30p.m. EDT
Aug 7	Collegedale	8:30a.m. – 12:30p.m. EDT
Aug 8	Cookeville	8:30a.m. – 12:30p.m. CDT
Aug 9	Nashville	8:30a.m. – 12:30p.m. CDT
Aug 14	Memphis	8:30a.m. – 12:30p.m. CDT



**NEWSLETTER
COMMITTEE**

JAIME TYSON
JON ZETTERBERG
SUMMER TRAHAN
PAUL MURRAY

IF YOU HAVE IDEAS OR
FEEDBACK IN REGARDS TO
THE NEWSLETTER,
PLEASE EMAIL
JAIME.TYSON@AECOM.COM

**Managing Floodplain Development
through NFIP
(FEMA L-273)**

This course is designed to provide an organized training opportunity for local officials responsible for administering their local floodplain management ordinance. The course will focus on the NFIP and concepts of floodplain management, maps and studies, ordinance administration, and the relationship between floodplain management and flood insurance.

Coming summer 2018

Acquisition/Demolition Projects - Success Stories

Doug Worden

City of Cleveland – Flood Mitigation Grant – 2014

The City of Cleveland applied for and received a Flood Mitigation Grant (FMA) from the National Flood Insurance Program (NFIP) in July, 2015. This award was to fund the acquisition and demolition of three severe repetitive loss structures in the Mouse Creek area of Cleveland. These properties have been acquired and demolished and project is in the final stages of completion. The properties will be deed restricted in perpetuity and will remain open space in order to restore and conserve the natural floodplain functions. Under the Flood Mitigation Assistance grant any Severe Repetitive Loss structures have a 100% cost share.

Metro Nashville / Davidson County – Flood Mitigation Grant - 2015

Metro Nashville / Davidson County applied for and received a Flood Mitigation Grant (FMA) from the National Flood Insurance Program (NFIP) in September, 2016. This award was to fund the acquisition and demolition of five severe repetitive loss structures located near the Scotts Creek Tributary, Seven Mile Creek and North Fork, Ewing Creek. These five properties are located throughout Nashville and Davidson County. 3426 Brick Church Pike is located north of Nashville. One property, Brick Church Pike intersects with Chesapeake Drive. Part of the structure lies within the floodway with the remainder of the structure in the 100-year floodplain. Two properties are located north-northwest of Nashville. One property on Buena Vista Pike intersects with Dry Fork Road with the entire structure being in the 100-year floodplain. One property on Dunbar Drive intersects with Crouch Drive. Part of this structure lies within the floodway and the remainder of the structure in the 100-year floodplain. Another property on Edmondson Pike is located south-southeast of Nashville. Edmondson Pike intersects with Briarwood Drive. The entire structure is located within the 100-year floodplain. The last property on Shadowlawn Drive is located east of Nashville in Hermitage. Shadowlane Drive intersects with Hidden Hill Drive. These properties have been acquired and being prepared for demolition. The properties will be deed restricted in perpetuity and will remain open space in order to restore and conserve the natural floodplain functions. Under the Flood Mitigation Assistance grant any Severe Repetitive Loss structures have a 100% cost share.



Tennessee Silver Jackets Team Provides Opportunities for Engagement

By Lacey Thomason from USACE Nashville District

In September of 2014, the Tennessee Silver Jackets team signed their charter. As the team was coming together, listening sessions were held to allow every participating agency the opportunity to present their programs and supporting authorities. The meetings were held in Nashville at the operation center for the Tennessee Emergency Management Agency (TEMA), the lead agency, which is centrally located and has easy access and surface parking for everyone. At the start of the second year, the team began to move the meetings to locations proposed by team members and incorporate flood risk management tours where possible. This approach encouraged more participation, heightened interest, and attracted local groups to the meetings. The members toured a wastewater treatment facility, National Weather Service forecast center, Tennessee Valley Authority pump storage facility, and the Old Hickory Lock and Dam, and, on one occasion, organized a boat tour of the Clarksville's Riverfront and Metro Center Levee. By holding these meetings in various locations throughout Tennessee, the team has benefited greatly from the contributions of local participants. The team still returns to their home base at TEMA for convenience but strives to find a balance in meeting locations and tours to encourage interest and engagement and to create opportunities to attend for flood risk management professionals around the state.



Emergency Management & Hazard Mitigation Plans

Tracey Davis, TEMA

Everyone is so busy! Nowhere is this more true than in the field of Emergency Management. Yet county Emergency Management (EM) Directors seem to take it in stride, balancing the daily administrative tasks of their offices while responding to unexpected events on a frequent basis. Easily one of the best parts of my role as a Tennessee Emergency Management Agency (TEMA) Regional Planner is working with local EM Directors on their Hazard Mitigation Plans. Few county positions have their finger on the pulse of a community the way local EM Directors do:

- They must be subject matter experts at responding to disasters, from flash flooding to hazardous material events;
- They must know and build relationships with folks at all levels of County government from the Mayor to the Road Crew, often requiring savvy communication skills; and
- Local EM Directors must be familiar with not only their county's risks as well as resources, but also those of their neighboring counties, and they need to know when and how to ask for help.

Yet no matter how busy they may be, local EM Directors understand the value of having an approved Hazard Mitigation Plan. Leveraging subject matter experts to serve on their Hazard Mitigation Committees and identifying projects designed to mitigate flooding during non-disaster allows communities to:

- Work at their own pace to have meaningful discussions about how to mitigate flood events;
- Identify projects offering long-term solutions and improve their community;
- Expedite implementation of projects once available funding sources are identified; and
- Facilitate completion of projects in the event disasters are declared.

In 2017 the TEMA Middle Region saw the counties of Cheatham, Perry, Putnam, and Wayne receive FEMA approval of their Hazard Mitigation Plans. Hickman, Stewart, Sumner, White, and Williamson counties have plans undergoing final FEMA review; and just a few of the counties currently revising their Hazard Mitigation Plans include Clay, Houston, Humphreys, Lawrence, and Maury. Each local EM Director has embraced TEMA Director Patrick Sheehan's vision of "One Emergency Management, One Tennessee" and working with other experts in their communities, local EM Directors are taking the lead in identifying cost-effective projects that will benefit their communities for years to come.

2018 ELECTIONS TN AFPM BOARD OF DIRECTORS

The TN AFPM Board of Directors includes a total of seven elected offices with two-year terms. These offices and current representation include:

- Chairperson, Roger Lindsey
- Vice-Chairperson, Cindy Popplewell
- Secretary, Jeffrey Parris
- Treasurer, William Veazey
- East TN Regional Representative, Bently Thomas
- Middle TN Regional Representative, Tom Brashear
- West Regional Representative, Jan Shultz

NOMINATIONS

Nominations will open on Monday, May 28th and close on Friday, June 15th

A person being nominated must be a current member of TN AFPM and in good standing. You may nominate yourself or any other person you wish. You may nominate one person for one position, or you may nominate one person for each of the seven positions. A nominated person must be a willing participant and can only run for one position on the Board of Directors.

Nominations should be sent to: tskehan@swtdd.org

VOTING

Voting will begin on Monday, June 25th via on-line survey and end Friday, July 13th. Instructions will be sent to all TN AFPM members.

Votes will be tallied and the new Board of Directors will be announced at the membership meeting of the 2018 TN AFPM Conference at the Chattanooga Marriott Downtown. The new BOD terms of office will commence at that time.

TN AFPM Contact Information

Chairman:

Roger D. Lindsey, P.E., CFM
Program Manager - Development Review Section
Metro Water Services - Stormwater Division
800 2nd Avenue South
Nashville, TN 37210
(615) 862-4706
(615) 862-4715 (Fax)
roger.lindsey@nashville.gov

Treasurer:

William Veazey, CFM
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220 Highway 51 North, Suite 3
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(901) 476-0255
tcplanning@bellsouth.net

East TN Regional Representative:

Bently Thomas
Director of Planning & Inspections
Bradley County
P.O. Box 1167
Cleveland, TN 37364-1167
(423) 728-7107
bthomas@bradleyco.net

West TN Regional Representative:

Jan Shultz
Operations Manager
Building and Codes Department
City of Milan
1061 South Main Street
Milan, TN 38358
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jshultz@cityofmilantn.com

TN NFIP Ex-Officio:

Amy Miller, TN State NFIP Coordinator
TDEC/OES
TN Tower, 10th Floor
312 Rosa L. Parks Ave
Nashville, TN 37243
Office (615) 770-1084; Cell: (615) 866-8342
amy.j.miller@tn.gov

Vice Chairman:

Cindy Popplewell, P.E., CFM
Senior Project Manager
Wood Environment & Infrastructure
Solutions, Inc.
3800 Ezell Road, Suite 100
Nashville, TN 37211
(615) 333-0630 ext. 7050
(615) 781-0655 (Fax)
cindy.popplewell@wood.plc.com

Secretary:

Jeffrey H. Parris, PE
Principal Civil Engineer
ARCADIS U.S., Inc.
1210 Premier Drive, Suite 200
Chattanooga, TN 37421
(423) 503-8766
jeffreyhparris@yahoo.com

Middle TN Regional Representative:

Tom Brashear
Wilson County Planning
228 East Main Street
Lebanon, TN 37807
(615) 449-2836
brasheart@wilsoncountyttn.gov

FEMA Region IV Ex-Officio:

Roy B. McClure, CFM
DHS / FEMA / Region IV
3003 Chamblee Tucker Road
Atlanta, GA 30341
(770) 220-8835
roy.mcclure@fema.dhs.gov

TN AFPM

TN Association of Floodplain Management



- **Wed 25th 1pm – Fri 27th 1pm sessions** covering a variety of floodplain management topics
- **Course instructors from:**
 - FEMA Region IV
 - TEMA
 - TN NFIP Coordinator
 - Local TN Governments
 - Industry Leaders
- **Certified Floodplain Manager Exam**
- **Exhibitor Showcase**
- **Social Events**
 - Wednesday Evening Social
 - Thursday Luncheon
 - **Thursday Evening with the Chattanooga Lookouts!**

REGISTER NOW!

July 25-27th 2018

The Tennessee Association of Floodplain Management ([TN AFPM](#)) will be holding our 9th annual conference this July at the

Chattanooga

Marriott Downtown.

Please mark your calendars for this educational opportunity for floodplain administrators, community leaders, and technical professionals throughout the State to keep abreast of current floodplain and stormwater management issues.

Conference Registration

Full Registration

(Includes instructional materials; snack breaks on Wednesday, Thursday, and Friday; evening social on Wednesday; and dinner on Thursday)

Early Registration\$150
Late (after July 1st).....\$225
Student Registration\$100

One Day Only – Thursday

(includes lunch, snack breaks, and instructional materials)

Early Registration\$75
Late (July 1st)\$125

Hotel Reservations

You may go ahead with hotel reservations at this time

Chattanooga

Marriott Downtown

2 Carter Plaza,

Chattanooga, Tennessee 37402

423-756-0002

\$103 per night / Code: TNAFPM



REGISTER HERE:

<http://www.tnafpm.clubexpress.com>

Exhibitors and Sponsors

The TN AFPM annual conference offers the following sponsorship opportunities:

Sponsorship

Includes single booth space, 1 conference registration, and sponsor listing and logo in the conference program and on the TN AFPM website.

Early Registration\$350
Late Registration (after July 1st)\$500

Additional Opportunities

The following sponsorships also guarantee company recognition and advertisement to all attendees:

- Donation of Gift bags for attendees
- Donation of Lanyards

Sponsorship of Wednesday Night Social or Thursday Dinner

WORKSHOP

Floodplain Management Basics

This 4-hour workshop is designed to enhance the knowledge and skills of local officials responsible for administering and enforcing local floodplain management regulations. The workshop will cover floodplain management concepts, floodplain mapping, and NFIP regulations.

Thursday, July 26th 8:00am – 12:00pm

Certified Floodplain Manager

The Association of State Floodplain Managers (ASFPM) has established a national program for certifying floodplain managers. This program recognizes continuing education and professional development that enhances the knowledge and performance of local, state, federal, and private-sector floodplain management professionals.

The role of the nation’s floodplain managers is expanding due to increases in disaster losses, the emphasis on mitigation to alleviate the cycle of damage-rebuild-damage, and a recognized need for professionals to adequately address these issues. This certification program will lay the foundation for ensuring that highly qualified individuals are available to meet the challenge of breaking the damage cycle and stopping its negative drain on the nation’s human, financial, and natural resources.

Exam Preparation

Study materials, including FEMA 480 NFIP Desk Reference and Study Guide are available from the ASFPM website:

<http://www.floods.org/index.asp?menuID=215&firstlevelmenuID=180&siteID=1>

Exam

TN AFPM will hold the Exam during our annual conference on:

Friday, July 27th..... 9:00am – 12:00pm

Application packet, processing, & exam..... \$450

OR with current ASFPM Membership..... \$100

(This is membership with the national association, not our State Chapter TN AFPM)

You must register for the CFM Exam through ASFPM:

www.floods.org

<http://www.floods.org/index.asp?menuid=405&firstlevelmenuid=180&siteid=1>

AGENDA – Wednesday, July 25th

Time	Plaza A and B	Mezzanine
9:00 AM – 1:00 PM	Lunch will be on your own prior to the Conference Kickoff	Registration and Check-In
1:00 PM – 2:30 PM	<p><i>Welcome to the 9th Annual Conference!</i></p>  <p>WELCOME Roger Lindsey, TN AFPM Chair <i>City of Chattanooga, Justin Holland, Director of Public Works</i></p> <p>FLOODPLAIN MANAGEMENT UPDATE FOR TENNESSEE TN AFPM UPDATE - What's New and Coming Soon! Roger Lindsey, TN AFPM Chair</p> <p>Tennessee NFIP and Flood Mapping UPDATE for 2018 Amy Miller, NFIP State Coordinator</p> <p>Certified Floodplain Surveyor (CFS) Program Amy Miller, NFIP State Coordinator Dan Brubaker, NC NFIP State Coordinator</p> <p>Tennessee Mitigation Program and Opportunities How do I apply for a mitigation grant? Doug Worden, TEMA State Hazard Mitigation Officer</p>	Please Visit our Exhibitors in Plaza C
2:30 PM - 3:00 PM	~ BREAK with snacks provided ~	
3:00 PM – 5:00 PM	<p>HAZARD MITIGATION UPDATE FOR TENNESSEE National Hydrologic Warning Council and your local flood warning system Brad Heilwagen, Wood</p> <p>Tearing Down Homes to Build Community Resilience An Evaluation of the Benefits of the Nashville Home Buyout Program Tom Palko/Roger Lindsey/Janey Camp, Vanderbilt University</p> <p>Ensure your Flood Strategy Meets the Demands of your Flood Exposure Dale L. Miller, FM Global</p> <p>USACE Flood Mitigation - Current Construction Projects Lacey Thomason, USACE Silver Jackets</p>	
6:00 PM	<p>Please join us for a Social Hour in the Rotunda with Appetizers and Cocktails! Provided by ... Sponsorship Opportunity</p>	

AGENDA – Thursday, July 26th

Time		Plaza A	Plaza B	Plaza C	East/West Room	
7:00 AM	8:30 AM	Guided Walking Tour Let's Explore Downtown Chattanooga!				
8:30 AM	9:00 AM	Breakfast on your own				
9:00 AM	10:30 AM	Get to Know Your Flood Zones What data is available? And how do I use it? <i>Olivia Elliot, Wood</i>	Process of Mapping a Zone A or Unmapped Floodplain <i>Jeff Shaver, CEC</i>	Please Visit Our Exhibitors	Floodplain Management Basics 8:00 AM - 12:00 PM Tom Palko, PE Roger Lindsey, PE MWS Nashville	
		How and Why do we map Floodways? And what is coming in the future? <i>Adam Frimel, Wood</i>	2-Dimensional Modeling When, Why, and How? <i>Jacob Bates, Wood</i>			
		The Flood Profile with a Hands-on Exercise <i>Jaime Tyson, AECOM</i>	Floodplain Administrator's Role in Letters of Map Change <i>Andrew Morkert, City of Collegedale</i>			
10:30 AM	11:00 AM	~ BREAK with snacks provided ~				
11:00 AM	12:00 AM	Chattanooga Flood Preparedness <i>Steve Stello, USACE</i>	"No-Rise Certification" Guidance <i>Dan Brubaker, NFIP Coordinator</i> <i>North Carolina Department of Public Safety</i>			
		Real-Time Flood Forecasting in Nashville, TN using HEC-RTS <i>Brantley Thames, USACE</i>				
12:00 AM	12:30 PM	Break Before Lunch You may head to the buffet directly, our Keynote Speaker will begin at 12:30 pm				
12:30 PM	2:00 PM	Luncheon Keynote Speaker Association of State Floodplain Managers (ASFPM) Representative Hot Topics in Floodplain Management at ASFPM TN AFPM Full Membership Meeting				
2:00 PM	3:00 PM	Tennessee Silver Jackets Quarterly Meeting Panel Session for Local Floodplain Administrators <i>Lacey Thomason, USACE Silver Jackets</i>				
3:00 PM	3:30 PM	~ BREAK with snacks provided ~				
3:30 PM	4:30 PM	Flood Insurance Information for 2018 Are you up to date? <i>Janice Mitchell, FEMA Region IV</i>		Please Visit Our Exhibitors		
		The NFIP Community Rating System Program Everything You NEED to know! <i>Christina Groves, ISO</i>				
4:30 PM	6:30 PM	~ Break After Last Session - you're on your own - practice your corn hole toss! ~				
6:30 PM	9:00 PM	 Dinner on your own - or join us at the Ballpark for nite with the Chattanooga Lookouts Provided by ... Sponsorship Opportunity! 				

AGENDA – Friday, July 27th

TIME		Plaza A	Plaza B	Plaza C	East/West Room
7:00 AM	8:00 AM	<p align="center">Un-Guided Walking Tour Let's Explore Downtown Chattanooga - and not get lost!</p>			
8:00 AM	9:00 AM	<p align="center">Breakfast on your own</p>			
9:00 AM	11:00 AM	<p>Understanding Flood Risk to Prioritize Critical Infrastructure Improvements <i>Ben Zoeller, Barge Design</i></p>	<p>Floodplain Design, Construction, and Impacts on Flood Insurance <i>J. Paul Abrams, Smart Vent Products, Inc.</i></p>		<p align="center">CFM EXAM 9:00 AM - 12:00 PM</p>
		<p>Local Floodplain Management A Tennessee Success Story <i>TBD</i></p>			
		<p align="center">~ Short coffee BREAK ~</p>			
		<p>Flood Hazard Mapping Resources in Tennessee <i>Suzanne White, GIS Services Office of Information Resources</i></p>			
		<p>TVA Flood Risk Update <i>Carrie Williamson, TVA</i></p>		<p align="center"><i>Please Visit Our Exhibitors</i></p>	
11:00 AM	11:30 AM	<p align="center">~ BREAK with snacks provided ~</p>			
11:30 AM	12:30 PM	<p align="center">Community Assistance Visits <u>and More!</u> <i>Roy McClure, FEMA Region IV</i> Hang on to your lifeboats, Roy will have a flood of information for you!</p>			
12:30 AM	1:00 PM	<p align="center">Closing Statements, Thank You to our Presenters TN AFPM Website Demonstration <i>Roger Lindsey, TN AFPM Chair</i> Chances to win two \$75 Amazon Gift Cards!</p>			<p align="center"><i>Exhibitors Take Down Booths</i></p>
<p align="center"><i>Safe travels home!</i> <i>We hope to see you at our next TN AFPM Regional Training in West Tennessee on December 7, 2018</i></p>					