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Frist Art Museum

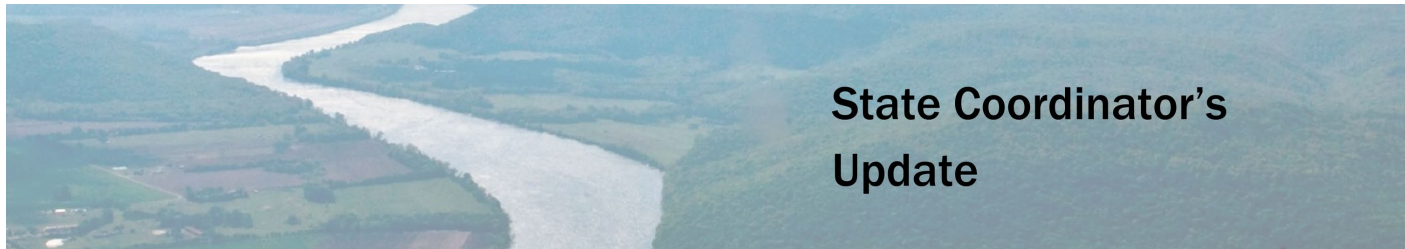
On View in the always free Conte Community Arts Gallery  
January 10–May 17, 2020

## The Nashville Flood: Ten Years Later

On Saturday, May 1, and Sunday, May 2, 2010, a record-breaking rainfall of over thirteen inches caused major flooding throughout Middle Tennessee. The Cumberland River crested almost twelve feet above flood stage, and smaller waterways such as Browns Creek, Mill Creek, Richland Creek, Whites Creek, and the Harpeth River also flooded, wreaking havoc across the city. Thousands of homes and businesses, including the Grand Ole Opry, the Opryland Hotel, and the Schermerhorn Symphony Center, were damaged or destroyed. Twenty-six people in the region died—eleven in Nashville. Despite the intensity of this historic event, it received little national media attention, primarily because of other compelling news stories and because—unlike some natural disasters—the recovery process was remarkably organized and smooth.

This exhibition features photographs and excerpts of oral histories from ten different neighborhoods—including Antioch, Belle Meade, Bellevue, Bordeaux, and others, in addition to downtown—to present a broad picture of both the destruction and the relief efforts. Parts of the story may be unfamiliar to Nashville newcomers, while some residents who were here in 2010 may have been too preoccupied with their own situations to follow what was happening in other areas.

The items in this exhibition come largely from the Nashville Public Library's extensive flood archive and The Tennessean newspaper. An interactive monitor illustrates the long-term impact of the flood by pairing photographs from 2010 with ones from 2020. In downtown Nashville, the recovery marked the beginning of a rapid construction boom that has transformed the city's skyline. In some areas, though, less progress is evident, signifying inequities in rebuilding. Many people, however, recall the heroic rescue efforts and the spirit of volunteerism from this event, which forever changed Music City.



## State Coordinator's Update

Happy New Year! How are you coming with your New Year's resolutions? Have you forgotten them already? Are you a work in progress? According to studies, 92 percent of New Year's resolutions fail.

I have been reading a book called "Finish: Give Yourself the Gift of Done" by Jon Acuff. The book addresses finishing your goals. Many times, people think the reason why a goal wasn't finished is because he or she didn't try hard enough. The sneakiest obstacle to meeting a goal is perfectionism. We're our own worst critic and if we're not doing something perfectly, we give up. Most goals are abandoned on day two, "the day after perfect" – when we underperform on our goals.

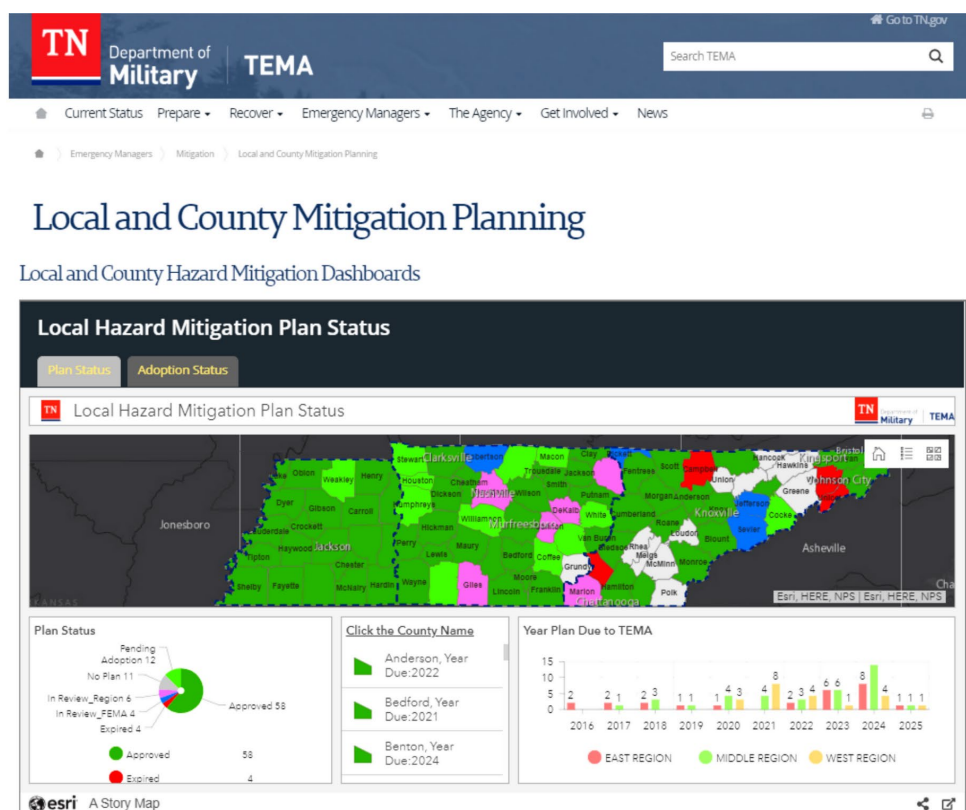
The importance of finishing a goal is to make one that is fun. Give yourself permission to bomb something in your life and not be perfect at everything while accomplishing a specific goal. Another element is to break it down in half to show your progress and continue moving forward.

In terms of floodplain management training, my goal is to give more opportunities for fun, innovative and consistent training for everyone. Each of you can examine areas to set goals for strengthening your floodplain administration and enforcement. Floodplain management is a continuous process of decision making to ensure compliance and the reduction of flood losses.

### **NFIP Webinars**

A leader needs to be a learner. And the learning needs to be constant. It proves itself to be true repeatedly that you can learn from anyone in any leadership position. In an effort to equip floodplain administrators with regular education, there will be quarterly webinars. Please see the dates and topics below. We will be sending out webinar information prior to each date to all floodplain administrators to attend these webinars.

- March 5, 2020 – "LOMC basics"
- June 4, 2020 – Planning/Mitigation Grants
- September 3, 2020 – Flood Insurance & Variances
- December 3, 2020 – LOMRs – encroachment into the Floodway



## Local and County Mitigation Planning

The Tennessee Emergency Management Agency's Planning Division has created a Local and County Hazard Mitigation Dashboard. This gives statistical information each county's plan status as well as adoption status for each city within a county. It can be found here:

<https://www.tn.gov/tema/emergency-community/mitigation/local-and-county-mitigation-planning.html>

## IS-1105.A: EC Made Easy: Elevation Certificate Overview

### Course Overview

This course provides a basic overview of the FEMA Elevation Certificate.

### Course Objectives

- Describe the purpose of the FEMA Elevation Certificate
- Detail how to obtain a FEMA Elevation Certificate

- Locate a professional to complete or update a FEMA Elevation Certificate
- Completing the FEMA Elevation Certificate
- Interpreting a completed FEMA Elevation Certificate
- Locating a copy of a completed FEMA Elevation Certificate

<https://training.fema.gov/is/courseoverview.aspx?code=IS-1105.a>

# SUCCESS STORY

Shane Gannon, Public Works Director is the floodplain administrator for the Town of Woodbury. He has demonstrated dedication in learning the community's floodplain management regulations. He attends mapping meetings, conducts field visits and site assessments and has worked on implementing a floodplain development permit for the community.

He is diligent in researching the regulations and when he calls to ask questions, he has formulated an answer. He reviews FEMA Elevation Certificates and will provide comments on elements that need correction (very impressive). Shane is a great example of a public servant, he's enthusiastic, willing to learn and fair when dealing with applicants.



## Help Burst those Flood Insurance Myths

As part of the Federal Emergency Management Agency's "moonshot" goal of doubling flood insurance coverage nationwide by 2022, the Community Rating System is asking communities to strengthen their flood insurance outreach campaigns.

An important component of promoting flood insurance is dispelling the myths that persist about it. Below are a few of the most salient misunderstandings about flood insurance and some straightforward explanations of what is really true. Your community may find it helpful to use the linked materials to address mistaken beliefs among your residents. Also, there are several "myths" articles in the linked materials that could be reprinted to highlight some of the ideas below.

### **MYTH: My homeowner's insurance covers flooding.**

This may be the most prevalent misinformation of all. In fact, almost no homeowner's insurance policies cover flood damage. That is why the federal government created the National Flood Insurance Program (NFIP). Flood insurance is sold as a separate policy, so even if a person's regular agent doesn't handle flood insurance, it can be obtained from another agent who serves that area. To find one, people can contact the NFIP call center at 800-427-4661 or [www.FloodSmart.gov](http://www.FloodSmart.gov). Communities can distribute FEMA's palm card, "Your Homeowners Insurance Does Not Cover Flooding." One flood survivor who had that separate policy- and was glad he did.

### **MYTH: I don't need flood insurance, because I'm not in a high-risk zone.**

The reality is that it can flood almost anywhere, and it doesn't take much water to cause expensive damage. In fact, about 1/3 of all flood disaster assistance and 1/3 of all flood insurance claims payment go to people who have been flooded even though they were outside of the mapped high-risk zone (Special Flood Hazard Area). With a changing climate, scientists say that extreme weather events—like the tremendous rain that accompanied hurricanes last summer and caused localized flooding—will be more likely in the future. So living in a location that so far has been thought to be at low risk does not mean that is safe now. Why Do I Need Flood Insurance? helps people understand the need for flood coverage. Know Your Risk focuses on the potential for flooding in low-lying coastal areas.

**MYTH: I can't get flood insurance, because I'm not in a high-risk zone.**

Virtually anyone who lives in or owns property in an NFIP-participating community can buy flood insurance for a residential building, business, condo, or apartment, and the contents can be insured as well (or instead). Flood insurance through the NFIP has never been restricted to people located in the high-risk zone (Special Flood Hazard Area). In fact, for people outside the high-risk zone, flood insurance is an even better deal, because the premiums are lower. An overview of the availability, coverage, and costs of flood insurance—in clear language and with sources of more information—can be found on the FloodSmart website. Communities can also use the brochure about the preferred risk policy for low-hazard areas.

**MYTH: Even if my house did flood, it wouldn't be by much.**

There may not be very much water, but that doesn't mean there won't be much damage. Only one inch of water in an average home can cause more than \$25,000 in damage. A handy visual representation of this is the Cost of Flooding tool developed by FEMA. It is a simple interactive device to help people see how the depth of flooding translates to damage costs. This link is a good addition to a community's flood awareness website

**MYTH: I don't need flood insurance because FEMA gives disaster assistance.**

The truth is that FEMA can only provide disaster assistance when the president issues a disaster declaration—this happens for less than half of all floods. Even if there is a disaster declaration, FEMA can only provide small grants, not enough to cover all losses and certainly not enough to rebuild. For example, in Hurricane Harvey the average individual grant FEMA distributed was only \$7,000. Most other federal disaster assistance comes in the form of loans, which much be repaid. By contrast, in Hurricane Harvey, the average NFIP claim payment was over \$100,000—that's a payment from the insurance policy and of course never has to be repaid. And, a flood insurance policy pays for any covered damage, even if it results from a small (not disastrous) flood.

Source:

[https://www.fema.gov/media-library-data/1549481899718-600b9d731b954fdf23494746e19fbff4/AAJan\\_2019\\_Update\\_FINAL\\_508\\_OK.pdf](https://www.fema.gov/media-library-data/1549481899718-600b9d731b954fdf23494746e19fbff4/AAJan_2019_Update_FINAL_508_OK.pdf)

CLICK ON ANY OF THE IMAGES  
TO FOLLOW THE LINK!



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website!



LinkedIn

## NEWSLETTER COMMITTEE

JAIME TYSON

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

# TN AFPM NEEDS YOU!

There are a number of ways that you can get involved with the TN AFPM beyond simple membership and event attendance. We have activities going on behind the scenes all year long! While we are still working to build an official set of committees...there are a number of opportunities to start getting involved.

Below is a brief list with points of contact to get you started. If you'd like to help with something that isn't specifically listed...don't let that stop you from speaking up. Contact any of the board members and let us know what you're interested in...and we'll do what we can to make it work.

## NEWSLETTER -

JAIME TYSON (JAIME.TYSON@AECOM.COM)

## CONFERENCE -

CINDY POPPLEWELL (CINDY.POPPLEWELL@WOODPLC.COM)

## MEMBERSHIP -

WILLIAM VEAZEY (TCPLANNING@BELLSOUTH.NET)

## TRAINING -

SEE REGIONAL REPRESENTATIVES

### MIDDLE REP

THOMAS BRASHEAR

WILSON COUNTY

BRASHERT@WILSONCOUNTYTN.GOV

### EAST REP

DAVID MCGINLEY

CITY OF KNOXVILLE

DMCGINLEY@KNOVXILLETN.GOV

### WEST REP

JOHN MODZELEWSKI

SHELBY COUNTY

JCMOD@AOL.COM

## Want training in your community?

Each year we offer different training opportunities across the state. Several of you have told us that you would come to more training on floodplain management if you didn't have to travel so far. We try to balance the locations between the western, middle and eastern regions, but have limited places to host these events. Does your community have a training space/room that is furnished with audio/visual equipment, can hold 25-30 people and is FREE that you would like us to use for a training? If so, please let Amy Miller know and we will plan a training in your community soon! You can email Kari (Amy's assistant) @ Karen.Taylor@tn.gov or Amy Miller @ Amy.J.Miller@tn.gov

See upcoming training opportunities below.

### 1st Quarter 2020

February: Newsletter

February 10-13: L-273 Managing Development Through the NFIP

March 5: TN NFIP Webinar – “LOMC Basics” with Tammy Hansen, FEMA Region IV (meeting link/phone number will be provided 2 weeks prior)

### 2nd Quarter 2020

April: Middle TN Regional Training

May: Upcoming Newsletter

May 18-21: L-284 Advanced Floodplain Management Concepts III, Knoxville, TN

May 22: East TN Regional Training, Substantial Damage Estimates, Knoxville

June 4: TN NFIP Webinar – “Hazard Mitigation Assistance Planning and Project Grants” (meeting link/phone number will be provided 2 weeks prior)

### 3rd Quarter 2020

July 22-24: 11th Annual Conference with CFM Exam

August: Upcoming Newsletter

September 3: TN NFIP Webinar – “Flood Insurance & Variances” (meeting link/phone number will be provided 2 weeks prior)

### 4th Quarter 2020

October 2: CFM Exam

December 3: TN NFIP Webinar – “LOMRs” (meeting link/phone number will be provided 2 weeks prior)

December 4: West TN Regional Training

HANDS ON NASHVILLE'S

# 10,000 for 10

Reflect. Serve. Celebrate. April 2-May 2.

PRESENTED BY

**JACKSON**<sup>®</sup>

FINANCIAL FREEDOM FOR LIFE<sup>®</sup>

**#10ThousandFor10**

The historic flood of 2010 was more than just a disaster; it was a profound moment of discovery. As strangers became neighbors and helpers became heroes, our city learned exactly what we are made of. Hands On Nashville invites you to join us this spring for 10,000 for 10 — a monthlong call to action for volunteerism chaired by former Mayor Karl Dean. 10,000 for 10 invites us all to reflect, serve, and celebrate the spirit that unites us.

From April 2-May 2, 2020, HON welcomes 10,000 Nashville natives and newcomers to serve in activities that support disaster preparedness and ongoing community needs. 10,000 for 10 also serves as the launching point for Hands On Nashville's Disaster Activation Fund, which will position HON to pivot quickly to large-scale volunteer management in the aftermath of disaster.

10,000 for 10 features three signature events:

**Mary Catherine Strobel Volunteer Awards Luncheon (April 2):**

Honors volunteers in six categories who made a significant impact in 2019. Reserve your seats beginning Feb. 20.

**Hands On Nashville Day (May 2):**

Throughout April and on HON Day itself, HON will engage 10,000 volunteers at local nonprofits, schools, and Metro agencies. Ranging from restorative stream cleanups to neighborhood garden construction, activities support disaster preparedness, civic collaboration, and ongoing community needs.

HON Day — our annual citywide day of service — brings together thousands of volunteers to complete done-in-a-day projects at local nonprofit and civic agencies. HON Day projects will be posted for volunteer registration on March 2, but you don't have to wait until then to let us know you're interested! [Click here](#) to sign up to be a Volunteer Leader. If you have questions about how you or a group can get involved, email our Community Relations Coordinator [Savanna Maue](#).

**HON Day Afterparty (TBD):**

The details of this piece are still under development; we'll share more information as soon as it's available!

## Most Funded Hazard Mitigation Projects of 2019

In 2019, FEMA funded more than \$1.16 billion in Hazard Mitigation Assistance grants. This included these top five project types:

- **Flood Control:** \$148 million was granted to flood-risk reduction projects such as dikes, levees, floodwalls and erosion projects that are cost-effective, feasible and designed to reduce risk.
- **Acquisitions:** \$132 million was granted to communities to acquire or buy properties from homeowners and demolish or relocate any structures on the property.
- **Utility and Infrastructure Protection:** \$112 million was granted to fund projects that reduce risk to existing utility systems, roads, and bridges such as seismic retrofits to strengthen buildings against earthquakes and burying utility lines to protect them from high-wind events such as hurricanes.
- **Generators:** \$73 million was granted for the purchase and installation of generators for the protection of critical facilities.
- **Safe Rooms/Wind Shelters:** \$67 million was granted for safe rooms that are designed and constructed either in community spaces such as schools or community buildings. These rooms provide protection during extreme weather events such as tornadoes and hurricanes.

Source: TEMA Stakeholder Update, February 2020, Dean Flener, Executive Officer for External Relations.

## New Elevation Certificate

The new Elevation Certificate is here!! It is effective as of February 21st, so inform all your surveyors, engineers, and architects. Per FEMA requirements, all ECs signed and sealed on February 21, 2020 or later must be completed using this new form, even if draft versions were previously submitted using the old expired form.

Unfortunately, this does mean that any ECs received using the old form must be rejected by communities as of today, and resubmitted using this new form.

Download the latest form and instructions at the link below. We are testing out the form and will let you know if there are any issues. Note that this form is the same as the previous version, except has a new expiration date.

[www.fema.gov/media-library/assets/documents/160](http://www.fema.gov/media-library/assets/documents/160)

## 2020 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 Shaver
- Treasurer, William Veazey
- East TN Regional Representative, David McGinley
- Middle TN Regional Representative, Tom Brashear
- West Regional Representative, John Modzelewski

### NOMINATIONS

Nominations will open on Monday, May 18th and close on Friday, June 5th.

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](mailto:tskehan@swtdd.org)

### VOTING

Voting will begin on Monday, June 15th via on-line survey and end Thursday, July 2nd. 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 2020 TN AFPM Conference at the Knoxville Crowne Plaza. The new BOD terms of office will commence at that time.

## TN AFPM Membership Update

**73**

unique  
jurisdictions

**175**

members



## **ASFPM Foundation Releases Report on Urban Flooding: A must read practitioners' perspective on this emerging threat**

Across the United States, urban flooding is becoming more frequent and severe, with increasingly serious impacts to stormwater infrastructure, vulnerable neighborhoods, local and regional economies, and public health. Chronic to extreme, disruptive to catastrophic – urban flooding is rapidly becoming this nation's number one factor contributing to increased future flood risk. Resilience in the face of this progressively serious problem demands attention and action now.

Urban flooding is not new, but it is different than how we experienced it a decade ago. Intensified by sea level rise and changing precipitation patterns, urban flooding is more frequent and intense, with underlying infrastructure designed to handle much smaller flooding events. The water has nowhere to go. As a result, major sectors of our economy are adversely impacted and people living and working in these more densely populated flood-prone areas are at increasing risk.

To catalyze attention and action, the [Association of State Floodplain Managers \(ASFPM\) Foundation](#) has published "Urban Flooding: Moving Towards Resilience. A Summary Report based on the 6th Assembly of the Gilbert F. White National Flood Policy Forum."

The report draws from the wide-ranging discussions that took place during the Foundation-sponsored Forum last year and attended by more than 100 experts from local, state, and federal agencies; professional associations and environmental groups; and private sector organizations. It includes examples of time-critical efforts taking place now to prepare for future conditions that could be very different from today.

The report offers practical suggestions for obtaining better data and information, involving vulnerable populations in planning decisions, and exploring funding and financing opportunities to identify and advance solutions. Its summary policy and program recommendations focus on integrated approaches and immediate next steps, including organizing an urban flooding summit in 2021 to address more in-depth the issues and jump-start needed changes.

The report can be found on the ASFPM Foundation Website. Please take a few minutes to download and read it. Then take a few more minutes to think about the role that you, and your agency or organization, could play in further discussions and idea sharing to collaboratively solve this complex problem.

Urban flooding has long been seen as a local issue. But it also needs to become a national priority, and for that matter a global one. The ASFPM Foundation is committed to help make it so. We welcome your help as we begin this important journey for a stronger, more resilient future.



## TN AFPM 11<sup>TH</sup> ANNUAL CONFERENCE JULY 22 – 24<sup>TH</sup>, 2020 Knoxville, TN

# SAVE THE DATE!

The **Tennessee Association of Floodplain Management** will be hosting our 11th annual conference this year in Knoxville at the Crown Plaza, 401 West Summit Hill Drive, Knoxville, TN 37902.

Please mark your calendars and join us for this annual event providing educational opportunity for floodplain administrators, community leaders, and technical professionals throughout the State of Tennessee to stay informed of current floodplain and stormwater management issues.



- **Wed 22<sup>nd</sup> 1pm – Friday 24<sup>th</sup> 1pm** – multiple sessions covering a variety of floodplain management topics.
- **Course Instructors** from:
  - FEMA Region IV
  - TEMA
  - USACE
  - TVA
  - TN NFIP Coordinator
  - Local Governments
  - Industry Leaders
- **Certified Floodplain Manager Exam** will be scheduled for Friday 9am
- **Exhibitor Showcase**
- **Social Events!**

## **Conference Registration:**

Website link coming soon!

### **Full Registration**

|                             |       |
|-----------------------------|-------|
| Early Registration .....    | \$175 |
| Late (after July 1st) ..... | \$250 |
| Student Registration .....  | \$100 |

### **One Day Only - Thursday**

|                          |       |
|--------------------------|-------|
| Early Registration ..... | \$100 |
| Late (July 1st) .....    | \$150 |

### **Exhibitors/Sponsors**

|                          |       |
|--------------------------|-------|
| Early Registration ..... | \$500 |
| Late (July 1st) .....    | \$650 |

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



## **Call for Presentations:**

Everyone wishing to share their floodplain management experiences, projects, or success stories and present at this year's annual conference is invited to submit an abstract with the following information:

- Title of Presentation
- Description of Project/Topic
- Requested Time Allotment – 20 or 45 minutes
- Author(s) name and brief biography
- Author(s) contact information - telephone and e-mail address

Presentations are selected at the discretion of the TN AFPM Board of Directors and are grouped into 1½ hour time slots, allowing each speaker 20 to 45 minutes, with time for questions at the end.

**All selected presenters will receive a \$25 discount with conference registration!**

Abstracts should be submitted by March 27th to: [cindy.popplewell@woodplc.com](mailto:cindy.popplewell@woodplc.com)

