

Tuesday, June 9

9:00-10:30 AM Central Concurrent Block A

Track: Mapping

A1: State Mapping Initiatives

Moderator: Whit Montague, CFM, Arkansas Department of Agriculture

Jacquelyn	Hayes	CFM	Texas Water Development Board	Flood Outreach Specialist	Developing Base Level Engineering for Texas Watersheds-a Cooperating Technical Partners Initiative
Thuy	Patton	CFM	Colorado Water Conservation Board	Flood Mapping Program Manager	Paper to the Future: Colorado from Paper Maps to Risk MAP and Beyond
Tara	Lanzrath	CFM	Kansas Department of Agriculture	Floodplain Mapping Coordinator	The Kansas 2D BLE Statewide Initiative

Track: Modeling

A2: Modeling for Design

Moderator: David Powers PE, PH, D.WRE, CFM, CDM Smith

Stephen	Morgan	PE	NC Dept of Transportation	State Hydraulics Engineer	SRH-2D vs. HEC-RAS: A Case Study on Bridge Modeling Hydraulics
Rachel	Pichelmann	PE, CFM	SEH	Senior Professional Engineer	2-D in the Water Resources Mainstream: Eye Opening Case Studies of Simplicity & Value
Kyle	Miller	PE, CFM	Meshek & Associates, LLC	Project Engineer	An Inundated Highway Parallel to the Floodplain: Modeling to Protect Bridge Infrastructure

Track: Mitigation

A3: Resilience: Definition, Policy, and Practice

Sponsored by: Moffat & Nichol

Moderator: Eileen Shader, CFM, American Rivers

Rob	Flaner	CFM	Tetra Tech, Inc.	Hazard Mitigation Program Manager	What is Resilience and why is it important that we define it?
Matthew	Fuchs	JD	The Pew Charitable Trusts	Officer	How Cities and States are Using Policy to Prepare for the Next Flood
Adam	Hosking	C.WEM, C.Sci.	Jacobs	Global Director for Water Resources and Resilience	An Integrated Approach to Coastal Flood Resilience

Track: NFIP

A4: Floodplain Management Policy

Moderator: Kathy Holder, MBA, CFM, Utah Division of Emergency Management

Erin	Cooper	CFM	FEMA	Floodplain Management Specialist	ESA and the NFIP: Protecting Endangered Species in Pacific Northwest Floodplains
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Luloff	Alan	PE, CFM	ASFPM		Floodways - Original Intent
Phetmano	Phannavong	PE, CFM	Atkins	Senior Project Manager	Shifting from Binary to Graduated View of Flood Risks: 100-Year Standard Past and Future

Track: Risk Comm

A5: Risk Communication Tools that Work (and some that don't)

Moderator: Elizabeth Savage, PE, HWC, Inc.

Wes	Shaw		Blue Urchin LLC	CEO	If you build it, they (probably) won't come.
		ICAgile Certified Professional, Level 4 Social Marketer (CIM)			
Kristin	Murphy		Booz Allen Hamilton	Senior Strategy Consultant	Piloting Resilience Innovation: How to build the plane while flying
Brian	Edmondson	PE, CFM	Harris County Flood Control District	Project Manager	Billboards vs. Facebook – Keys to a Flood Education Program’s Success

Track: Other Topics - Post-Disaster

A6: Learning from Recent Major Flood Events

Moderator: Katie Ringland, PE, CFM, Nebraska Department of Natural Resources

Eryn	Futral	AICP, CFM, CZO	NC Emergency Management Nebraska Department of Natural Resources	North Carolina Eastern NFIP Planner	Ocracoke After Dorian: Substantial Damage Assessments on a Remote Barrier Island
Jamie	Reinke	PE, CFM		Engineer	2019 Nebraska Flood Overview & the Importance of Post-Event Data Collection
Brandon	Claborn	PE, CFM	Meshek & Associates, LLC	CEO	May 2019 Arkansas River Flood: An Emergency Operations Center Perspective

10:30 - 11:00 AM Central

Break - Visit the Exhibit Hall!

11:00 AM - 12:30 PM Central

Plenary Session 1

Sponsored by: AECOM

Flood Challenges and Solutions: Everything is Bigger in Texas

1. **Welcome: Chad Berginnis**, CFM, ASFPM Executive Director
2. **Sam Brody**, Director of Center for Texas Beaches and Shores, Department of Marine and Coastal Environmental Science, Texas A&M University
3. **Kathleen Jackson**, Board Member, Texas Water Development Board
4. **Kevin Shunk**, PE, CFM, Floodplain Administrator, City of Austin

Moderator: Chad Berginnis, CFM, ASFPM Executive Director

12:30 - 1:30 PM Central

Break - Visit the Exhibit Hall

1:30 - 3:00 PM Central

Concurrent Block B

Track: Mapping

B1: Prioritizing & Ranking Mapping Needs

Moderator: Onur Celik, PE, CFM, PMP, CDM Smith

David	Knipe	PE, CFM	Indiana Dept. Natural Resources	Engineering Section Manager	The Indiana DNR Floodway Reaches / CNMS Cost Estimating Tool
Stephen	Noe		Wood	Program Manger	Every State and Territory Needs a Flood Risk Data Business Plan
Jamelyn Austin	Trucks	CGM, CFM, PMP	Atkins	Project Manager	NOAA's Adapting Stormwater Management for Coastal Floods – a decision support tool for Coastal Communities facing Sea Level Rise

Track: Modeling

B2: Beyond the 100-Year: Probabilistic and Frequency Analysis

Moderator: Jacob Hoover, AICP, CFM, Ohio Emergency Management Agency

Jeffrey	Albee		Stantec	Principal of Client Technology Services	Using Cloud Computing Infrastructure for Intensive Flood Risk Modeling
Mitchell	Blum	PE, CFM	HDR	Water Resource Engineer	Are Unit Hydrograph Methods Still Relevant
Ana	Simões	PhD, PH, CFM	STARR II - Atkins	Sr. Hydrologist	Listening to Community Feedback When Performing Hydrologic Analysis: the Nisqually River Case

Track: Mitigation

B3: Mitigating Risk for Community Lifelines

Moderator: Jane Sibley Frantz, AICP, PMP, CFM, Dewberry

Roger	Lindsey	PE, CFM	Metro Nashville Water Services	Practice Leader - Floodplain Management	Hardening Your Water Utilities – Protective Measures to Reduce Future Damage
Joseph	Albani	PE	Tetra Tech	Project Engineer	Port Authority of NY & NJ JFK International Airport Stormwater Outfalls and Port Newark Building 111
Kiran	Konduru	PE, CFM	City of Fort Worth	Senior Professional Engineer	Addressing High Risks With Limited Funding: Fort Worth's Hazardous Roadway Overtopping Program

Track: NFIP

B4: Local Floodplain Manager Processes and Duties

Moderator: Alex VanPelt, Kentucky Division of Water

Lisa	Biggs	PE, CFM	City of Fort Worth Papio Missouri River Natural Resources District	Assistant Floodplain Administrator Stormwater Management Engineer	Working Together to Simplify Permitting in the Trinity River Corridor
Lori	Laster	PE, CFM			The Big One Hit! Now What? Risk Rating 2.0 and What it Might Mean to the Local Floodplain Administrator
Angela	Michaels	PE, CFM	Engineering with a Mission, LLC	Principal	

Track: Risk Comm

B5: Risk-Informed Decision Making

Moderator: Shelby Schmittou, CFM, Arkansas Department of Agriculture

Tracy	Friend	PMP	AECOM	Emergency Manager	Exploring factors that influence home buyers' flood risk perception
Kate	Semmens	PhD	Nurture Nature Center	Science Director	Communicating uncertainty and risk in flood forecasts: how does probabilistic information affect decision-making?
Seth	Lawler		Dewberry	Computational Scientist	Probabilistic Flood Risk Analysis to Support Risk Informed Decision-Making

Track: Other Topics - Natural and Beneficial Functions

B6: Benefits of Stream Restoration

Moderator: Conn Cole, MBA, CFM, Florida Division of Emergency Management

Brandon	Parsons	PLA	American Rivers	Conservation Associate, Pacific Northwest Floodplain Restoration Lead	Economic Impact of Floodplain Restoration on Property Values and Revenue
Jonathon	Kusa	PE	Inter-Fluve, Inc.	CEO and Senior Engineer	Returning Ecology to Cities - Renaturalization of Concrete Lined Urban River Systems
William	Dooley		Association of State Wetland Managers		Urban Wetlands Protection and Restoration for Hazard Management

3:00 - 3:30 PM Central

Break - Visit the Exhibit Hall

3:30 - 5:00 PM Central

Concurrent Track C

Track: Mapping

C1: Transforming the Floodplain Mapping Program

Moderator: Jeanne Ruefer, CFM, PMP, HWC, Inc.

Mathew	Mampara	PE	Dewberry	Director of Innovation	The Living Flood Study: Multi-Application Flood Risk Analyses
Cheryl	Johnson	PE, CFM, PMP	AECOM	Program Manager	It is Time to Change how FEMA Maps Coastal Flooding – A Proposal

Joshua	Crowley	PE, PMP, CFM, D. WRE	STARR II - Atkins	RSC Lead	In Pursuit of Accuracy
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Track: Modeling

C2: Modeling Complex and Unique Systems

Moderator: Zach Whitten, PE, Stantec

Dragoslav	Stefanovic	PhD, PE, D.WRE	HDR	Sr. Technical Program Manager	Evaluating Downstream Impacts of Flood Control Projects by Streambed Mobilization Energy
Rebecca	Starosta	PE, CFM	AECOM	Water Resources Engineer	Lacustrine Hydrologic Modeling of Lake Champlain
Johnny	Martin	PE	Moffatt & Nichol	Coastal/Hydraulic Engineer	Innovative Combined Coastal/Inland Flooding Models and Solutions for Use in Coastal/Estuarine Areas to Enhance Resilience

Track: Mitigation

C3: Building Science and Floodproofing

Moderator: Del Schwalls, PE, CFM, Schwalls Consulting LLC

Manuel	Perotin	PE, PMP, CFM	CDM Smith	Senior Project Manager	Giving multi-family buildings a new lease on life from Flooding
Jonathan	Westcott	PE	FEMA Building Science Branch	Civil Engineer	Building Codes Save: FEMA's Nationwide Building Code Losses Avoided Study
Jennifer	Wellock		National Park Service	Technical Reviewer	New Guidelines on Flood Adaptation for Historic Buildings from the National Park Service

Track: NFIP

C4: Local Floodplain Regulations and Higher Standards

Moderator: Bill Bradfield, CFM, Pennsylvania Emergency Management Agency

Garrett	Johnston	PE, CFM	Freese and Nichols	Engineer	Adapting to Atlas 14: Austin's Proactive Approach to a Higher Flood Risk
Chris	Tagert	PE, CFM	Michael Baker International	Floodplain Program Coordinator	Code Overhaul: A Comprehensive Look at How Disasters Can Give Rise to Changes in Land Use, Building, and Other Code Documents, and How to Get Out in Front of It
Alan	Johnson	PE	FEMA	Civil Engineer	Achieving Flood Resiliency Through Higher Standards Saves Communities' Resources

Track: Risk Comm

C5: Unique Approaches to Risk Communication

Moderator: Marc Pearson, GISP, CFM, Stanctec, Inc.

Cindy	Wirz		Federal Emergency Management Agency	Community Education and Outreach Specialist	The Mitigation Message Calendar: A Tool for Social Media
Peter	Herrick, Jr.		FEMA	Communications Lead	Experiential Learning and Pop-Ups for Resilience

Jack Heide AICP, CFM FEMA Region II Community Planner Engaging the Arts to Promote Disaster Risk Reduction

Track : Other - Watershed

C6: Watershed-Scale Flood Management Initiatives

Moderator: Jamelyn Trucks, CFM, Atkins North America

Jonathan Simm PhD, C.Eng. HR Wallingford Louisiana Office of Community Development International guidelines for use of Natural and Nature-Based Features: supporting a new age of flood management

Patrick Forbes Executive Director Snapshot of the Louisiana Watershed Initiative

TBD

5:30 - 7:00 PM Central
Virtual Happy Hour with Pub Trivia

Wednesday, June 10

9:00-10:30 AM Central

Concurrent Block D

Track: Mapping

D1: To BLE or Not to BLE

Moderator: Joe Fernandez, CFM, San Antonio River Authority

Jack	Young	PE, CFM, PMP	Halff Associates, Inc.	Project Manager	Base Level Engineering to Detailed Studies
Emma	Brown	M.Eng., C.Eng	HR Wallingford	Mrs Regional Program Management Lead assisting FEMA R6	Efficient Regional Scale Flood Mapping - Indicative Fluvial Flood Map for Ireland
Elizabeth	Savage	PE	HWC, Inc		Building Community Capability with the Base Level Engineering Desk Reference

Track: Modeling

D2: Future of Flood Modeling

Sponsored by: Jacobs

Moderator: Glenn Heistand, PE, CFM, Illinois State Water Survey

Scott	Blossom	PE, CFM, LEED AP	Blossom Consulting and Engineering Inc.	President	Hydrologic and Hydraulic Modelling: Today's (and Tomorrow's) Design Scenarios
Andrew	Park-Friend	PE	Michael Baker International	Water Resource Engineer	Climate Change in Your Home Town: An overview of how what we see in the media can be distilled into a practical application of future flood risk for your community
Swamy	Pati	PhD, PE, CFM	Jacobs	Senior Water Resources Engineer	System Wide Flood Risk Analysis using Integrated Coastal and Inland Modeling and Tools Development to Analyze Large Asset Database: JEA System Wide Resiliency Program

Track: Mitigation

D3: FEMA Mitigation Programs and Grant Applications

Moderator: Veronica Villalobos-Pogue, CFM, Arkansas Department of Agriculture

Camille	Crain		FEMA	BRIC Section Chief	The New Building Resilient Infrastructure and Communities (BRIC) Program: What Stakeholders Should Know
Eric	Kenney	PE, PMP, CFM	CDM Smith	Senior Project Manager	Best Practices for Large Infrastructure Projects in the PDM and FMA Programs

Mike	Robinson	CFM	Moffatt & Nichol	Technical Director, Hazard Mitigation and Resiliency Planning	A History of Hazard Mitigation and Historic Preservation in North Carolina
Track: NFIP					
D4: Dam and Levee Planning and Risk Communication					
Moderator: Karen McHugh, CFM, Missouri Emergency Management Agency					
Jared	Schneider	CFM	King County Emergency Management	Dam Safety Program Coordinator Senior Water Resources Engineer	Dam Failure: How to Prepare Your Community
Joe	Waln	PE, CFM	Barr Engineering Co.	Emergency Management Specialist, Engineering Services Branch	Minot's Road to Recovery: A Section 408 Success Story
Brian	Koper	PE, CFM	DHS/FEMA HQ		Community Education, Outreach, and Success Stories for Levees

Track: Risk Comm

D5: Equity Considerations in Floodplain Management

Moderator: Mitch Paine, CFM, King County, WA

Miriam	Belblidia	CFM, MPA	Arcadis	Floodplain Manager & Resilience Planner	Equitable Engagement for Flood Risk and Resilience Work Flood History Disclosure: A Case Study from Charleston, SC
Ana	Zimmerman	PhD	College of Charleston	Immunologist	Participatory Design for Greater Stakeholder Inclusion & Better Outcomes
Marcus	Coleman		HWC	Senior Associate	

Track: Other Topics -Showcase

D6: AECOM SHOWCASE

10:30 - 11:00 AM Central

Break - Visit the Exhibit Hall!

11:00 AM - 12:30 PM Central

Plenary Session 2

Sponsored by: Michael Baker International

Managing Flood Risk in a Changing World

1. **Sam Medlock**, Senior Counsel, Select Committee on the Climate Crisis, U.S. House of Representatives
2. **Sarah Murdock**, Director, U.S. Climate Resilience and Water Policy, The Nature Conservancy
3. **Laurie Schoeman**, Senior Program Director, National Initiatives, Resilience, Enterprise Community Partners, Inc.

Moderator: Shannon Riess, CFM, ASFPM Vice Chair

12:30 - 1:30 PM Central

Break - Visit the Exhibit Hall

1:30 - 3:00 PM Central

Concurrent Block E

Track: Mapping

E1: Risk Products Tailored to Community Needs

Moderator: Emmeline Harrigan, AICP, CFM, Town of Fairfield, CT

Soumya	Sagarika	PE, CFM	Atkins	Sr Engineer	Technical Collaboration, Federal and Local – Success stories in Region 10
Isaac	Allen	PE, CFM	AECOM	Water Resources Engineer	Hot ‘n Cold Flooding – Post-Fire, Ice Jamming, and Snowmelt in the Animas River Watershed
Brian	Caufield	PE, CFM, D.CE	CDM Smith	Senior Coastal Engineer	Beyond a Line on a Map: How to Enhance Coastal Resiliency Along Eroding Shorelines in New England

Track: Modeling

E2: Modeling Texas Style

Moderator: Bill Brown, PE, ASFPM

Ataul	Hannan	PE, CFM	Harris County Flood Control District	Director, Planning Division	Empower Resilience for Harris County while Implementing NOAA Atlas 14 Precipitation
Russell	Jones	PE	HDR	Mr	1D Models Cannot Handle Texas Sized Floodplains
Craig	Ottman	PE, CFM	Tarrant Regional Water District	Water Resources Engineer	Real World Application of HEC-RAS 2D Modeling: Rehabilitation of the Richland-Chambers Wetlands

Track: Mitigation

E3: Coastal Resilience: Policy and Projects

Moderator: Joy Duperault, CFM, Massachusetts Department of Conservation & Recreation

Sarah	Murdock	The Nature Conservancy	Director, US Climate Resilience and Water Policy	U.S. Federal Climate Resiliency Policy: Is the Political Divide being Bridged?
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Emily	Dhingra	CFM, PE, PMP	AECOM	Coastal Engineer	Living Shorelines: Where they Make Sense in a Floodplain Management Context
Brian	Batten	PhD, CFM	Dewberry	Senior Associate	Integrated Strategies for Resilience to Future Flooding in Virginia Beach, VA

Track: NFIP

E4: CRS - National Perspective

Moderator: Michelle Gonzales, CFM, Jefferson Parish, Louisiana

Molly	O'Toole	PE, DWRE, CFM	Molly O'Toole and Associates, Ltd.	President	A CRS Program Update: 2021 Addendum to the CRS Coordinator's Manual
French	Wetmore	CFM	French & Associates, Ltd.	President Director of Floodplain Management and Hazard Mitigation	FEMA-USFWS-NMFS Partner to Incorporate Credit for Protecting Threatened and Endangered Species into the Community Rating System
Maggie	Talley	CFM	Jefferson Parish		Maximizing CRS points for your Hazard Mitigation Plan

Track: Risk Comm

E5: Unique Approaches to Risk Communication 2

Moderator: Celinda Adair, CFM, OR Dept of Land Conserv. and Dev.

Justin	Kozak	CFM	Center for Planning Excellence	Researcher and Policy Analyst	Water You Gonna Do? An Educational Game about Watershed Management
Dan	Henderson	GISP, PMP	Esri	Regional Sales Manager	Utilizing location technology for flood preparedness, management, mitigation, recovery and resilience
John	Covey	PE, CFM	Wood	Associate - Project Manager	Using Augmented Reality to Communicate Flood Risk & Risk Management Solutions

Track: Other Topics - Showcase

E6: FEMA SHOWCASE

3:00 - 3:30 PM Central

Break - Visit the Exhibit Hall

3:30 - 5:00 PM Central

Concurrent Track F

Track: Mapping

F1: CTP Showcase

Sponsored by: Dewberry

Moderator: Louie Greenwell, GISP, CFM, MTech Solutions, LLC

Whitney	Montague		Arkansas Natural Resources Commission	State NFIP Coordinator	Making Risk Information More Available & Usable: Integrated Base Level Engineering
Laura	Algeo	PE	FEMA HQ	CTP Program Coordinator	Incorporating the 2020 Survey & RMD Priorities to Inform the CTP Program
Monica	Urisko	PE, CFM	Atkins		Georgia CTP's Strategy to Shift Flood Map Ownership

Track: Modeling

F2: Regulatory Implications on Modeling

Moderator: Siamak Esfandiary, PhD, PE, Dewberry

Rick	Sacbibit	PE	FEMA	Branch Chief	FEMA Approach on 2D Floodways; Improving Tools and Updating Guidance
Sunit	Deo	PE, CFM	HDR	Senior Water Resources Engineer	Carson Creek Flood Risk Reduction Project: Consequences of "Redirecting" a Creek
Ferrin	Affleck	PE, PMP, CFM	Atkins	Project Manager	FEMA 2D modeling with Floodways: Case studies

Track: Mitigation

F3: Vulnerability and Risk Assessments

Sponsored by: NOAA

Moderator: Joy Duperrault, CFM, Massachusetts Department of Conservation & Recreation

Randall	Behm	PE, CFM	Behm Hazard Mitigation, LLC.	Nonstructural Mitigation specialist	Saving Our Historic Building Stock through the Application of Nonstructural Mitigation
Mike	Onufrychuk	PMP, CFM	AECOM	Project Manager	A Pilot Study to Calculate Coastal Average Annualized Losses
Russell	Jackson		NOAA's Office for Coastal Management	Coastal Hazards Specialist	Facilitating Resilience-Building Actions in Coastal Communities

Track: NFIP

F4: State Floodplain Management Initiatives - 4 presenters

Moderator: Bill Nechamen, CFM, Nechamen Consulting, LLC

Celinda	Adair	CFM	State of OR DLCD	State NFIP Coordinator	Best Practices for Collaboration Between State and FEMA Regional Floodplain Management Programs
Corey	Garyotis	PE, CFM	ADECA OWR	State NFIP Coordinator	Guidance for Flood Damage Prevention & Resilience in Rural Alabama
Jack	Krolikowski	EIT, CFM	Georgia Department of Natural Resources	Environmental Engineer	Data-driven Decisions: Connecting Risk Analysis to Floodplain Management

Traci Sears CFM MT DNRC Montana NFIP Coordinator Floodplain Platform for Community Information

Track: Risk Comm

F5: Language Matters in Risk Communication

Moderator: Jerri Daniels, CFM, Dewberry

Samara	Ebinger	CFM	New Hampshire Office of Strategic Initiatives	Principal Planner	The Flood Hazards Handbook: Supporting Community Flood Resilience in New Hampshire
Jim	Keith	PE, CFM	Freese and Nichols, Inc.	Associate	The Problem With 'Unprecedented': Mitigating Misinformation & Improving Risk Communication
Kate	Skaggs	CFM	Resilience Action Partners	Resilience Planner	Leveraging the Power of Story for Policy Change, Local Mitigation Action in Multnomah County, Oregon

Track: Other Topics - ASFPM Foundation

F6: Student Paper Competition

Moderator: Ben Fennelly, PE, CFM, HDR Inc., ASFPM Foundation Associate

Meg	Zuercher		Saint Louis University		Does Predator Presence Affect Stream Hydrology via Trophic Cascades?
Hannah	Spero		Boise State University		Modeling the Downstream Consequences of the 1976 Teton Dam Failure and Resulting Flood by Validating the GeoClaw Software with Historical Data
Mahasweta	Chakraborty		Tata Institute Of Social Sciences, Mumbai		Dealing with the Deluge of Waste: Flood Waste Management in a Two-Tier City of India

5:30 - 7:00 PM Central

Virtual Happy Hour with Pub Trivia

Thursday, June 11

9:00-10:30 AM Central

Concurrent Block G

Track: Mapping

G1: Predictive & Real-time Inundation Mapping

Moderator: Karen McHugh, CFM, Missouri Emergency Management Agency

Neal	Banerjee	PE, CFM	ESP Associates, Inc.	Water Resources Department Manager	Coastal Inundation Mapping and Impact Assessments for Hurricane Response in the Carolinas
Ibrahim	Demir		University of Iowa South Carolina Department of Natural Resources	Assistant Professor	Interactive and Real-time Flood Inundation Mapping on Client-Side Web Systems
Maria	Cox	CFM		Flood Mitigation Program Manager	Hurricane Dorian Flood Inundation Forecast Mapping: Predicting Flooding to Save Lives

Track: Modeling

G2: 2D Modeling Parameters

Moderator: Meg Galloway, P.E., ASFPM

Sue	Hoegberg	CFM, GISP	Dewberry	Senior GIS Project Manager Water Resources Project Manager	The 3D Nation Elevation Requirements and Benefits Study - Preliminary Results
Brandon	Hilbrich	PE, CFM	HDR		Impacts of 2D Parameters – An XPSWMM Case Study
Kimberly	Hetrick		CDM Smith	Water Resources Engineer	A Methodology for Efficiently Developing Large 2D HEC-RAS Models for Base Level Engineering

Track: Mitigation

G3: Resiliency and Mitigation Planning

Moderator: Jen Nelson, Minnesota Homeland Security and Emergency Management

Carey	Johnson		Kentucky Division of Water	Assistant Director Emergency Management Specialist	Infusing nature-based solutions into Hazard Mitigation Plans: Creating Resilient and Sustainable Communities for the 21st Century
Amanda	Sharma	MRLS, CFM	FEMA HQ Michael Baker International		Mitigation Plan/ning Effectiveness: How engagement in the mitigation planning process results in risk reduction measures
Ryan	Carroll	CFM		Project Manager	Planning for Hazards: Implementing flooding-specific tools and strategies to reduce risk and build resilience

Track: NFIP

G4: NFIP Violations and Compliance

Moderator: Mark Riebau, CFM, Riebau Consulting Services

Becca	Fricke-Croft	CFM	Atkins Kansas Dept. of Agriculture, Division of Water Resources	Senior Planner	Turning the Ship: How Shady Cove survived probation, and how you can avoid it
Steve	Samuelson	CFM		NFIP Coordinator Branch Chief, FPM Regional & Field Support	Second Steps in Correcting Violations
Adrienne	Sheldon	PE, CFM	FEMA HQ		DRRA 1206 and Floodplain Management - Where do we go from here?

Track: Risk Comm

G5: Strategic Risk Communication: Understanding Behavior

Sponsored by: Guidehouse

Moderator: Bruce Bender, CFM, Bender Consulting Services, Inc.

Adam	Lucas	PMP, CSM	Guidehouse	Managing Consultant	Guidehouse Research and Approach to Driving Disaster Preparedness Through Behavioral Science
Alicia	Williams	GISP	Wood Environment and Infrastructure, Inc.		“Bam What”? Statewide Risk Communications in Missouri
Destiny	Aman		HWC	Subject Matter Expert, Manager	Applying Data and Statistics to Amplify Your Message

G6: Stormwater Permitting, Planning and Projects

Moderator: Larry Larson, PE, CFM, ASFPM

Dacia	Mosso		Tetra Tech	Associate Director of Environment	Using Planning and Nature-based Solutions to Achieve Co-Benefits for Water Quality and Hazard Mitigation
Stefano	Rignanese		Maccaferri Inc	Technical Marketing Manager	Erosion Control Applications across the United States - Case Studies
Elise	Ibendahl	PE, CFM, EN	Jacobs	North Region Water Resources	Mitigating Urban Flooding in a Combined Sewer Area: A Philadelphia Case Study

10:30 - 11:00 AM Central

Break - Visit the Exhibit Hall!

11:00 AM - 12:30 PM Central

Plenary Session 3

Sponsored by: Wood

Local Success is Everybody’s Business

1. **Stacey Brown**, PMP, SES, Chief, Planning and Policy Division, U.S. Army Corps of Engineers
2. **David Stearrett**, CFM, Director, Office of the Flood Insurance Advocate, FEMA

Moderator: Carey Johnson, Assistant Director, Kentucky Division of Water, ASFPM Chair-Elect

12:30 - 1:30 PM Central

Break - Visit the Exhibit Hall

1:30 - 3:00 PM Central

Concurrent Block H

Track: Mapping

H1: LOMC-PMR Process

Moderator: Meg Galloway, P.E., ASFPM

Matt	Richards	CFM	Michael Baker International	MT-1 Manager	MT-1s vs. MT-2s: Determining the Correct LOMC Process for your Project
Patrick	Dobbs	PE	Wood		How LOMRs Affect LOMAs

Jeff	Zanotti	CFM	Wood E&IS	GIS Manager	Processing PMRs: Challenges and Successes
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Track: Modeling

H2: Hydrologic Modeling Input

Moderator: Jeff Stone, GISP, CFM, ASFPM

Jennifer	McGee	PE, CFM	Wood PLC	Water Resources Engineer	Mapping National Water Model (NWM) Forecasts with FEMA HEC-RAS Models – a Pilot Application in the Whitemarsh Run Watershed, Maryland Interagency Watershed Hydrology Assessments: Collaborating with Federal Partners to Address Hydrologic Challenges StreamStats: A web-based application for retrieving basin characteristics and streamflow statistics (such as the 1-percent flood) for gaged and ungaged streams.
Helena	Mosser	PE	US Army Corps of Engineers	Hydraulic Engineer	
Peter	McCarthy		U.S. Geological Survey	StreamStats Coordinator	

Track: Mitigation

H3: Measuring Resilience

Moderator: Steve Ferryman, CFM, Ohio Emergency Management Agency

Ashby	Worley	CFM	The Nature Conservancy	Coastal Resilience Manager	Using Decision Support Tools to Build a More Resilient Georgia Coast
Jae	Park	CFM, PhD	AECOM	Associate VP	Empirical Disaster Resilience Study in North Carolina
David	Sutley	PE	Dewberry	Senior Project Manager	Show it in Writing – RELi as a Means for Documenting Resilience

Track: NFIP

H4: Local Floodplain Management Initiatives

Moderator: Lisa Sharrard, ANFI, CPM, CFM, Choice Flood Insurance LLC/US Flood Solutions LLC

Josh	Lippert	CFM	City of Philadelphia	Floodplain Manager	Interdependencies in Floodplain Management: PHL Case Study
Clair	Davis	PE, CFM	City of Fort Worth	Floodplain Administrator	Developing a Program to Manage Non-FEMA Flood Risks in Fort Worth, TX
Cindy	Engelhardt	PE, CFM	Halff Associates, Inc.	Project Manager	Hays County's Progressive Approach to Resilience

Track: Risk Comm

H5: Success Stories in Flood Risk Management and Communication

Moderator: Jessica Ludy, CFM, USACE

Witold	Krajewski	PhD	Iowa Flood Center - University of Iowa	Director	The Iowa Flood Center: A Model for the Nation
Kris	Lander	PE, CFM	NOAA National Weather Service	Development and Operations Hydrologist	Flood Forecast Operations at the National Weather Service (NWS) West Gulf River Forecast Center (WGRFC)
Priscilla	Scruggs		FEMA	Director of the Communications & Management Division	Empowering Local Officials to Talk Flood Risk: Stories from Year One of the Flood Risk Communication Toolkit and Videos Roll Out

Track: Other Topics - Stormwater

H6: Local Stormwater Management Initiatives

Moderator: Bill Brown, PE, ASFPM

Matt	Stahl	PE, AWAM, I	Halff Associates, Inc.	Project Manager	Fort Worth's Storm Drain Rehabilitation Program: Cowtown's Approach To Wrangling Storm Drains
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Tamara	Cook	AICP	North Central Texas Council of Governments	Senior Program Manager of Environment and Development	Planning of Transportation and Stormwater Infrastructure Together Before the Growth: An Opportunity for Flood Prevention in North Texas
Byron	Hinchee	PE, CFM	S&ME, Inc.	Senior Project Manager	Risk Management in Site Design: Don't Forget to Look Offsite

Additional Meeting (by invitation only) : CAP-SSSE: 2019 Wrap-up/2020 Kickoff

Looking back to the successes and hard work from 2019, we will close out the year with a presentation of awards and acknowledgement of the Advanced States in the Tiered State Framework. We will also kickoff 2020 by introducing new initiatives; future funding concept, showcasing CAP-SSSE program data, and providing information on upcoming milestones and activities such as the Off-Cycle TSF Assessment. This session is by invitation only and limited to NFIP State Coordinators and their staff.

**3:00 - 3:30 PM Central
Break - Visit the Exhibit Hall**

**3:30 - 5:00 PM Central
Concurrent Track J**

Track: Mapping

J1: Local Flood Warning Systems

Moderator: Dave Fowler, DCL, CFM, ASFPM

Ranjan	Muttiah	PhD, PE, CFM	City of Fort Worth, Stormwater Management, TPW	Senior Professional Engineer	Building Real-Time Resiliency from the City of Fort Worth's Flood Warning System
Ataul	Hannan	PE, CFM	Harris County Flood Control District	Director, Planning Division	Near Real Time Mapping Possible in 30 Minutes for 1,200 Miles in Harris County Because of Model and Map Management(M3) System
Dean	Goodison	PE, CFM	Atkins	Division Manager	Getting Ahead of the Storm: Densifying NC's Stream Gage Network

Track: Modeling

J2: Dam and Levee Breach Modeling and Risk Assessments

Moderator: Duane Matlack, CBO, CFM, Delaware County, Ohio

Geoffrey	Uhlemann	PE, CFM	AECOM	Project Manager	Estimating Residual Risk Behind Levees with Breach Modeling
Chris	Ferrari	PE, CFM	GEI Consultants	Senior Consultant	Sacramento County OES Flood Decision Support System (FODSS) Tool
Mark	Bartlett Jr.	PhD, PE	Stantec	Senior Engineer	Extreme Flood Mitigation by Dams under Present and Future Climate

Track: Mitigation

J3: Acquisition and Elevation Projects - Guidance/Successes

Moderator: Lori Laster, PE, CFM, Papio Missouri River NRD

Kathy	Hopkins	CFM, CTCM	TWDB	Mitigation Specialist	To Elevate, or not to Elevate, that is the Question
Teri	Morgan	SR/WA	HDR, Inc.	Real Estate and Right of Way Services Section Manager	City of Austin Onion Creek Project: Show me the Money and we will show you the results

Nur	Yazdani	PhD, PE, ASCE, F. ACI. F SEI	University of Texas Arlington	Professor	Slab Home Elevations for Flood-proofing: Safety, Education, Training and Outreach
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Track: NFIP

J4: CRS - Local Perspectives

Moderator: David Stroud, CFM, Wood

Lisa	Foster	CFM	Pinellas County Collier County Growth Management Department	Floodplain Administrator	The Magic CRS Activity Tracking Tool
Chris	Mason	CFM	Wetlands Watch	Floodplain Coordinator	CRS Activity 420: Designs for a Successful Open Space Program CRS Recommendations from Coastal Stakeholders & Viability of Regional CRS Support Positions in Virginia
Mary-Carson	Stiff	CFM, JD		Director of Policy	

Track: Risk Comm

J5: Visualizing Flood Risk

Moderator: Sue Baker, CFM, Maine Dept. of Agriculture, Conservation & Forestry

Glenn	Locke	PMP	Booz Allen Hamilton		Harnessing the Power of Hollywood: Using Immersive 3D Visualizations to Drive Flood Communications
Danielle	Dami		Stantec	GIS Analyst	Improving flood risk awareness and resiliency by using 3D rendering video game technology
Joanhwoan	Choi	PhD, PE, CFM	Stream Methods Inc.	Vice President, Chief Engineer	2016 Baton Rouge Deluge: Reconstruction and 3D-Visualization of Historical Flooding Events

Track: Other Topics - Showcase

J6: Sponsor Showcase

CDM Smith
Guidehouse
IBM