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
Luloff Alan PE, CFM ASFPM
Phetmano Phannavong PE, CFM Atkins Senior Project Manager

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.
Kristin Murphy Booz Allen Hamilton Senior Strategy Consultant Piloting Resilience Innovation: How to build the plane while flying
Brian Edmondson 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 NC Emergency Management Planner Ocracoke After Dorian: Substantial Damage Assessments on a Remote Barrier Island
Jamie Reinke Nebraska Department of Natural Resources Engineer 2019 Nebraska Flood Overview & the Importance of Post-Event Data Collection
Brandon Claborn 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
Stephen Noe Wood Program Manger
Jamelyn Austin Trucks CGM, CFM, PMP Atkins Project Manager

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
Mitchell Blum HDR Water Resource Engineer
Ana Simões PhD, PH, CFM STARR II Atkins Sr. Hydrologist

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
Joseph Albani PE Tetra Tech Project Engineer
Kiran Konduru PE, CFM City of Fort Worth Senior Professional Engineer

Track: NFIP
B4: Local Floodplain Manager Processes and Duties
Moderator: Alex VanPelt, Kentucky Division of Water

The Indiana DNR Floodway Reaches / CNMS Cost Estimating Tool
Every State and Territory Needs a Flood Risk Data Business Plan
NOAA’s Adapting Stormwater Management for Coastal Floods – a decision support tool for Coastal Communities facing Sea Level Rise

Using Cloud Computing Infrastructure for Intensive Flood Risk Modeling
Are Unit Hydrograph Methods Still Relevant
Listening to Community Feedback When Performing Hydrologic Analysis: the Nisqually River Case

Hardening Your Water Utilities – Protective Measures to Reduce Future Damage
Port Authority of NY & NJ JFK International Airport
Stormwater Outfalls and Port Newark Building 111
Addressing High Risks With Limited Funding: Fort Worth’s Hazardous Roadway Overtopping Program
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Organization</th>
<th>Session Title</th>
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</thead>
<tbody>
<tr>
<td>Lisa Biggs</td>
<td>PE, CFM</td>
<td>City of Fort Worth</td>
<td>Working Together to Simplify Permitting in the Trinity River Corridor</td>
</tr>
<tr>
<td>Lori Laster</td>
<td>PE, CFM</td>
<td>Papio Missouri River Natural</td>
<td>The Big One Hit! Now What?</td>
</tr>
<tr>
<td>Angela Michaels</td>
<td>PE, CFM</td>
<td>Engineering with a Mission, LLC</td>
<td>Risk Rating 2.0 and What it Might Mean to the Local Floodplain Administrator</td>
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</tbody>
</table>

**Track: Risk Comm**

**B5: Risk-Informed Decision Making**

*Moderator: Shelby Schmittou, CFM, Arkansas Department of Agriculture*

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<tr>
<th>Name</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>Tracy Friend</td>
<td>PMP</td>
<td>AECOM</td>
<td>Exploring factors that influence home buyers’ flood risk perception</td>
</tr>
<tr>
<td>Kate Semmens</td>
<td>PhD</td>
<td>Nurture Nature Center</td>
<td>Communicating uncertainty and risk in flood forecasts: how does probabilistic information affect decision-making?</td>
</tr>
<tr>
<td>Seth Lawler</td>
<td></td>
<td>Dewberry</td>
<td>Probabilistic Flood Risk Analysis to Support Risk Informed Decision-Making</td>
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</tbody>
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**Track: Other Topics - Natural and Beneficial Functions**

**B6: Benefits of Stream Restoration**

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

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<tr>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>Brandon Parsons</td>
<td>PLA</td>
<td>American Rivers</td>
<td>Economic Impact of Floodplain Restoration on Property Values and Revenue</td>
</tr>
<tr>
<td>Jonathon Kusa</td>
<td>PE</td>
<td>Inter-Fluve, Inc.</td>
<td>Returning Ecology to Cities - Renaturalization of Concrete Lined Urban River Systems</td>
</tr>
<tr>
<td>William Dooley</td>
<td></td>
<td>Association of State Wetland Managers</td>
<td>Urban Wetlands Protection and Restoration for Hazard Management</td>
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**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.*

<table>
<thead>
<tr>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>Mathew Mampara</td>
<td>PE</td>
<td>Dewberry</td>
<td>The Living Flood Study: Multi-Application Flood Risk Analyses</td>
</tr>
<tr>
<td>Cheryl Johnson</td>
<td>PE, CFM, PMP</td>
<td>AECOM</td>
<td>It is Time to Change how FEMA Maps Coastal Flooding – A Proposal</td>
</tr>
</tbody>
</table>

*Conference Details*

- **Track: Risk Comm**
- **Track: Other Topics - Natural and Beneficial Functions**
- **Track: Mapping**
- **Concurrent Track C**
- **3:00 - 3:30 PM Central**
- **Break - Visit the Exhibit Hall**
- **3:30 - 5:00 PM Central**
<table>
<thead>
<tr>
<th>Track: Modeling</th>
<th>C2: Modeling Complex and Unique Systems</th>
<th>Moderator: Zach Whitten, PE, Stantec</th>
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<tbody>
<tr>
<td>Dragoșlav Stefanov</td>
<td>PhD, PE, D.WRE</td>
<td>HDR</td>
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<tr>
<td>Rebecca Starosta</td>
<td>PE, CFM</td>
<td>AECOM</td>
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<tr>
<td>Johnny Martin</td>
<td>PE</td>
<td>Moffatt &amp; Nichol</td>
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<thead>
<tr>
<th>Track: Mitigation</th>
<th>C3: Building Science and Floodproofing</th>
<th>Moderator: Del Schwalls, PE, CFM, Schwalls Consulting LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manuel Perotin</td>
<td>PE, PMP, CFM</td>
<td>CDM Smith</td>
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<tr>
<td>Jonathan Westcott</td>
<td>PE</td>
<td>FEMA Building Science Branch</td>
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<td>Jennifer Wellock</td>
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<td>National Park Service</td>
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<thead>
<tr>
<th>Track: NFIP</th>
<th>C4: Local Floodplain Regulations and Higher Standards</th>
<th>Moderator: Bill Bradfield, CFM, Pennsylvania Emergency Management Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garrett Johnston</td>
<td>PE, CFM</td>
<td>Freese and Nichols</td>
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<tr>
<td>Chris Tagert</td>
<td>PE, CFM</td>
<td>Michael Baker International</td>
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<tr>
<td>Alan Johnson</td>
<td>PE</td>
<td>FEMA</td>
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<thead>
<tr>
<th>Track: Risk Comm</th>
<th>C5: Unique Approaches to Risk Communication</th>
<th>Moderator: Marc Pearson, GISP, CFM, Stanctec, Inc.</th>
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</thead>
<tbody>
<tr>
<td>Cindy Wirz</td>
<td></td>
<td>Federal Emergency Management Age Outreach Specialist</td>
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<tr>
<td>Peter Herrick, Jr.</td>
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<td>FEMA</td>
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| | | | 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  
International guidelines for use of Natural and Nature-Based Features: supporting a new age of flood management

Patrick Forbes  Executive Director  
Louisiana Office of Community Development  
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
Track: NFIP
D4: Dam and Levee Planning and Risk Communication
Moderator: Karen McHugh, CFM, Missouri Emergency Management Agency

Jared Schneider, King County Emergency Management, Dam Safety Program Coordinator, Senior Water Resources Engineer, Emergency Management Specialist, Engineering Services Branch

Joe Waln, Barr Engineering Co., Dam Failure: How to Prepare Your Community

Brian Koper, 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, Arcadis, Floodplain Manager & Resilience Planner

Ana Zimmerman, College of Charleston, Immunologist

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 Tarrant Regional Water District Mr 1D Models Cannot Handle Texas Sized Floodplains
Craig Ottman PE, CFM 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?
Emily Dhingra CFM, PE, PMP AECOM Coastal Engineer
Living Shorelines: Where they Make Sense in a Floodplain Management Context
Integrated Strategies for Resilience to Future Flooding in Virginia Beach, VA

Brian Batten PhD, CFM Dewberry Senior Associate

**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
FEMA-USFWS-NMFS Partner to Incorporate Credit for Protecting Threatened and Endangered Species into the Community Rating System

French Wetmore CFM French & Associates, Ltd. President Director of Floodplain Management and Hazard Mitigation

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 Consv. and Dev.**

Justin Kozak CFM Center for Planning Excellence Researcher and Policy Analyst
Water You Gonna Do? An Educational Game about Watershed Management
Utilizing location technology for flood preparedness, management, mitigation, recovery and resilience

Dan Henderson GISP, PMP Esri Regional Sales Manager
Using Augmented Reality to Communicate Flood Risk & Risk Management Solutions

John Covey PE, CFM Wood Associate - Project Manager

**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**

<table>
<thead>
<tr>
<th>Whitney Montague</th>
<th>Arkansas Natural Resources Commission</th>
<th>State NFIP Coordinator</th>
<th>Making Risk Information More Available &amp; Usable: Integrated Base Level Engineering Incorporating the 2020 Survey &amp; RMD Priorities to Inform the CTP Program Georgia CTP’s Strategy to Shift Flood Map Ownership</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laura Algeo</td>
<td>FEMA HQ</td>
<td>CTP Program Coordinator</td>
<td>Incorporating the 2020 Survey &amp; RMD Priorities to Inform the CTP Program</td>
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<tr>
<td>Monica Urisko</td>
<td>Atkins</td>
<td>Atkins</td>
<td>FEMA 2D modeling with Floodways: Case studies</td>
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</table>

## Track: Modeling

### F2: Regulatory Implications on Modeling

**Moderator: Siam Esfandiary, PhD, PE, Dewberry**

<table>
<thead>
<tr>
<th>Rick Sacbibit</th>
<th>PE</th>
<th>FEMA</th>
<th>Branch Chief</th>
<th>Senior Water Resources Engineer</th>
<th>Caron Creek Flood Risk Reduction Project: Consequences of “Redirecting” a Creek</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunit Deo</td>
<td>PE, CFM</td>
<td>HDR</td>
<td>Engineer</td>
<td>FEMA Approach on 2D Floodways; Improving Tools and Updating Guidance</td>
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<tr>
<td>Ferrin Affleck</td>
<td>PE, PMP, CFM</td>
<td>Atkins</td>
<td>Project Manager</td>
<td>FEMA 2D modeling with Floodways: Case studies</td>
<td></td>
</tr>
</tbody>
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## Track: Mitigation

### F3: Vulnerability and Risk Assessments

**Sponsored by: NOAA**

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

<table>
<thead>
<tr>
<th>Randall Behm</th>
<th>PE, CFM</th>
<th>Behm Hazard Mitigation, LLC.</th>
<th>Nonstructural Mitigation specialist</th>
<th>Saving Our Historic Building Stock through the Application of Nonstructural Mitigation</th>
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<tbody>
<tr>
<td>Mike Onufrychuk</td>
<td>PMP, CFM</td>
<td>AECOM</td>
<td>Project Manager</td>
<td>A Pilot Study to Calculate Coastal Average Annualized Losses</td>
</tr>
<tr>
<td>Russell Jackson</td>
<td></td>
<td>NOAA’s Office for Coastal Management</td>
<td>Coastal Hazards Specialist</td>
<td>Facilitating Resilience-Building Actions in Coastal Communities</td>
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## Track: NFIP

### F4: State Floodplain Management Initiatives - 4 presenters

**Moderator: Bill Nechamen, CFM, Nechamen Consulting, LLC**

<table>
<thead>
<tr>
<th>Celinda Adair</th>
<th>CFM</th>
<th>State of OR DLCD</th>
<th>State NFIP Coordinator</th>
<th>Best Practices for Collaboration Between State and FEMA Regional Floodplain Management Programs</th>
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<tbody>
<tr>
<td>Corey Garyotis</td>
<td>PE, CFM</td>
<td>ADECA OWR</td>
<td>State NFIP Coordinator</td>
<td>Guidance for Flood Damage Prevention &amp; Resilience in Rural Alabama</td>
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<tr>
<td>Jack Krolkowski</td>
<td>EIT, CFM</td>
<td>Georgia Department of Natural Resources</td>
<td>Environmental Engineer</td>
<td>Data-driven Decisions: Connecting Risk Analysis to Floodplain Management</td>
</tr>
<tr>
<td>Name</td>
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<tr>
<td>Traci Sears</td>
<td>CFM</td>
<td>MT DNRC Montana NFIP Coordinator</td>
<td>Floodplain Platform for Community Information</td>
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<tr>
<td>Samara Ebinger</td>
<td>CFM</td>
<td>New Hampshire Office of Strategic Initiatives</td>
<td>The Flood Hazards Handbook: Supporting Community Flood Resilience in New Hampshire</td>
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<tr>
<td>Jim Keith</td>
<td>PE, CFM</td>
<td>Freese and Nichols, Inc. Resilience Action Partners</td>
<td>The Problem With ‘Unprecedented’: Mitigating Misinformation &amp; Improving Risk Communication</td>
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<tr>
<td>Kate Skaggs</td>
<td>CFM</td>
<td>Resilience Action Partners</td>
<td>Leveraging the Power of Story for Policy Change, Local Mitigation Action in Multnomah County, Oregon</td>
<td></td>
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<tr>
<td>Meg Zuercher</td>
<td></td>
<td>Saint Louis University</td>
<td>Does Predator Presence Affect Stream Hydrology via Trophic Cascades?</td>
<td></td>
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<tr>
<td>Hannah Spero</td>
<td></td>
<td>Boise State University</td>
<td>Modeling the Downstream Consequences of the 1976 Teton Dam Failure and Resulting Flood by Validating the GeoClaw Software with Historical Data</td>
<td></td>
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<tr>
<td>Mahasweta Chakraborty</td>
<td></td>
<td>Tata Institute Of Social Sciences, Mumbai</td>
<td>Dealing with the Deluge of Waste: Flood Waste Management in a Two-Tier City of India</td>
<td></td>
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</table>

**Track: Risk Comm**

**F5: Language Matters in Risk Communication**

**Moderator: Jerri Daniels, CFM, Dewberry**

**Track: Other Topics - ASFPM Foundation**

**F6: Student Paper Competition**

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

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Company/Organization</th>
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<tbody>
<tr>
<td>Neal Banerjee</td>
<td>PE, CFM</td>
<td>ESP Associates, Inc.</td>
</tr>
<tr>
<td>Ibrahim Demir</td>
<td></td>
<td>University of Iowa</td>
</tr>
<tr>
<td>Maria Cox</td>
<td></td>
<td>South Carolina Department of Natural Resources</td>
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</tbody>
</table>

**Topics:**
- Coastal Inundation Mapping and Impact Assessments for Hurricane Response in the Carolinas
- Interactive and Real-time Flood Inundation Mapping on Client-Side Web Systems
- Hurricane Dorian Flood Inundation Forecast Mapping: Predicting Flooding to Save Lives

### Track: Modeling

**G2: 2D Modeling Parameters**

**Moderator:** Meg Galloway, P.E., ASFPM

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Sue Hoegberg</td>
<td>CFM, GISP</td>
<td>Dewberry</td>
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<tr>
<td>Brandon Hilbrich</td>
<td>PE, CFM</td>
<td>HDR</td>
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<tr>
<td>Kimberly Hetrick</td>
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<td>CDM Smith</td>
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</table>

**Topics:**
- The 3D Nation Elevation Requirements and Benefits Study - Preliminary Results
- Impacts of 2D Parameters – An XPSWMM Case Study
- 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

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Carey Johnson</td>
<td></td>
<td>Kentucky Division of Water</td>
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<tr>
<td>Amanda Sharma</td>
<td>MRLS, CFM</td>
<td>FEMA HQ</td>
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<tr>
<td>Ryan Carroll</td>
<td>CFM</td>
<td>Michael Baker International</td>
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**Topics:**
- Infusing nature-based solutions into Hazard Mitigation Plans: Creating Resilient and Sustainable Communities for the 21st Century
- Mitigation Planning Effectiveness: How engagement in the mitigation planning process results in risk reduction measures
- 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

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<th>Name</th>
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<tr>
<td>Becca Fricke-Croft</td>
<td>CFM</td>
<td>Atkins</td>
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<td>Steve Samuelson</td>
<td>CFM</td>
<td>NFIP Coordinator</td>
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<tr>
<td>Adrienne Sheldon</td>
<td>PE, CFM</td>
<td>FEMA HQ</td>
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**Topics:**
- Turning the Ship: How Shady Cove survived probation, and how you can avoid it
- Second Steps in Correcting Violations
- 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.**

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<tr>
<th>Name</th>
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<tr>
<td>Adam Lucas</td>
<td>PM, CSM</td>
<td>Guidehouse</td>
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<tr>
<td>Alicia Williams</td>
<td>GISP</td>
<td>Wood Environment and Infrastructure, Inc.</td>
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<tr>
<td>Destiny Aman</td>
<td>HWC</td>
<td>Subject Matter Expert, Manager</td>
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Guidehouse Research and Approach to Driving Disaster Preparedness Through Behavioral Science

"Bam What"? Statewide Risk Communications in Missouri

Applying Data and Statistics to Amplify Your Message

G6: Stormwater Permitting, Planning and Projects

*Sponsored by: Wood*

**Moderator: Larry Larson, PE, CFM, ASFPM**

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<tr>
<th>Name</th>
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<tr>
<td>Dacia Mosso</td>
<td>P.E.</td>
<td>Tetra Tech</td>
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<tr>
<td>Stefano Rignanese</td>
<td></td>
<td>Maccaferri Inc</td>
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<tr>
<td>Elise Ibendahl</td>
<td>P.E., CFM, EN Jacobs</td>
<td>Jacobs</td>
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Using Planning and Nature-based Solutions to Achieve Co-Benefits for Water Quality and Hazard Mitigation

Erosion Control Applications across the United States - Case Studies

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*

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<thead>
<tr>
<th>Name</th>
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<tr>
<td>Matt Richards</td>
<td>CFM</td>
<td>Michael Baker</td>
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<td>Patrick Dobbs</td>
<td>PE</td>
<td>Wood</td>
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MT-1 Manager

MT-1s vs. MT-2s: Determining the Correct LOMC Process for your Project

How LOMRs Affect LOMAs
<table>
<thead>
<tr>
<th>Track: Modeling</th>
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<tbody>
<tr>
<td>H2: Hydrologic Modeling Input</td>
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<tr>
<td>Moderator: Jeff Stone, GISP, CFM, ASFPM</td>
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<tr>
<td>Helena Mosser PE</td>
<td>US Army Corps of Engineers</td>
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<tr>
<td>Peter McCarthy U.S. Geological Survey</td>
<td>StreamStats Coordinator</td>
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<th>Track: Mitigation</th>
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<tr>
<td>H3: Measuring Resilience</td>
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<td>Moderator: Steve Ferryman, CFM, Ohio Emergency Management Agency</td>
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<tr>
<td>Ashby Worley CFM</td>
<td>The Nature Conservancy</td>
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<tr>
<td>Jae Park CFM, PhD</td>
<td>AECOM</td>
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<td>David Sutley PE</td>
<td>Dewberry</td>
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<tr>
<td>H4: Local Floodplain Management Initiatives</td>
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<tr>
<td>Moderator: Lisa Sharrard, ANFI, CPM, CFM, Choice Flood Insurance LLC/US Flood Solutions LLC</td>
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<tr>
<td>Josh Lippert CFM</td>
<td>City of Philadelphia</td>
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<tr>
<td>Clair Davis PE, CFM</td>
<td>City of Fort Worth</td>
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<td>Cindy Engelhardt PE, CFM</td>
<td>Halff Associates, Inc.</td>
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<tr>
<td>H5: Success Stories in Flood Risk Management and Communication</td>
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<tr>
<td>Moderator: Jessica Ludy, CFM, USACE</td>
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<tr>
<td>Witold Krajewski PhD</td>
<td>Iowa Flood Center - University of Iowa</td>
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<tr>
<td>Kris Lander PE, CFM</td>
<td>NOAA National Weather Service</td>
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<td>Priscilla Scruggs PE</td>
<td>FEMA</td>
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<tr>
<th>Track: Other Topics - Stormwater</th>
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<tr>
<td>H6: Local Stormwater Management Initiatives</td>
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<tr>
<td>Moderator: Bill Brown, PE, ASFPM</td>
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<tr>
<td>Matt Stahl PE, AWAM, Halff Associates, Inc.</td>
<td>Project Manager</td>
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</table>
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, TPW, City of Fort Worth, Stormwater Management, Senior Professional Engineer: Building Real-Time Resiliency from the City of Fort Worth’s Flood Warning System
- Ataul Hannan, PE, CFM, Control District, Director, Planning Division: Near Real Time Mapping Possible in 30 Minutes for 1,200 Miles in Harris County
- 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., Services Section Manager: City of Austin Onion Creek Project: Show me the Money and we will show you the results
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution/Company</th>
<th>Position/Role</th>
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<tbody>
<tr>
<td>Nur Yazdani</td>
<td>PhD, PE, ASCE, F, ACI, F SEI</td>
<td>University of Texas Arlington</td>
<td>Professor</td>
</tr>
<tr>
<td>Lisa Foster</td>
<td>CFM</td>
<td>Pinellas County</td>
<td>Floodplain Administrator</td>
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<tr>
<td>Chris Mason</td>
<td>CFM</td>
<td>Collier County Growth Management Department</td>
<td>Floodplain Coordinator</td>
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<tr>
<td>Mary-Carson Stiff</td>
<td>CFM, JD</td>
<td>Wetlands Watch</td>
<td>Director of Policy</td>
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<tr>
<td>Glenn Locke</td>
<td>PMP</td>
<td>Booz Allen Hamilton</td>
<td>Harnessing the Power of Hollywood: Using Immersive 3D Visualizations to Drive Flood Communications</td>
</tr>
<tr>
<td>Danielle Dami</td>
<td>GIS Analyst</td>
<td>Stantec</td>
<td>Improving flood risk awareness and resiliency by using 3D rendering video game technology</td>
</tr>
<tr>
<td>Joanhwoan Choi</td>
<td>CFM</td>
<td>Stream Methods Inc.</td>
<td>2016 Baton Rouge Deluge: Reconstruction and 3D-Visualization of Historical Flooding Events</td>
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**Track: NFIP**

**J4: CRS - Local Perspectives**

**Moderator: David Stroud, CFM, Wood**

Lisa Foster, CFM, Pinellas County, Floodplain Administrator - The Magic CRS Activity Tracking Tool

Chris Mason, CFM, Collier County Growth Management Department, Floodplain Coordinator - CRS Activity 420: Designs for a Successful Open Space Program

Mary-Carson Stiff, CFM, JD, Wetlands Watch, Director of Policy - CRS Recommendations from Coastal Stakeholders & Viability of Regional CRS Support Positions in Virginia

**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, PhD, PE, Stantec, GIS Analyst - Improving flood risk awareness and resiliency by using 3D rendering video game technology

Joanhwoan Choi, 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