

ASSOCIATION OF STATE FLOODPLAIN MANAGERS

2022 POCKET GUIDE



ASFPM 2022 Conference Team
May 15-19, 2022, Orlando

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The Conference Program

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Center Spread..... Floor Plan

\$ Indicates a fee-based workshop or tour offered a la carte.

Local Host Team

Florida Floodplain Managers Association (FFMA)

Team Members: Cece McKiernan, CFM; Crissy Mehle, PE, ENV, SP, CFM; Del Schwalls, PE, CFM; Josh Overmyer, CFM; Anna Padilla, PE, CFM, Sally Cook, CFM

Welcome!

Welcome to the 46th annual conference of the Association of State Floodplain Managers. We are glad that you could join us in Orlando, and are excited to be back in-person after two years of virtual conferences! This pocket guide will help you get the most out of your week, so be sure to keep it close at hand. **Your name badge is your admission and must be worn all week.** If you have questions, see ASFPM staff at the registration desk or ask one of the local host volunteers – they will be wearing volunteer vests while on duty. Please enjoy your week as you dive into the most comprehensive floodplain management training & networking opportunity in the country!

Registration Desk

The registration desk is located in the foyer outside the Grand Sierra Ballroom. It will be open to serve you 10-5:30 Sunday and 7-5 Monday-Thursday.

Speaker Prep Lounge

Hibiscus Conference Program Coordinator Steve McMaster, AV Coordinator Jason Schneeberger and their volunteers will be available to assist you with program and AV concerns throughout the week. Speakers may practice their presentations here and get them queued up for their session. The Speaker Prep Lounge will be open 7:30 am to 5:00 pm, Monday through Thursday.

Local Host / Volunteer HQ

The local host team, consisting of FFMA members and floodplain managers from throughout Florida will take residence near registration. This is also where you can purchase your conference merch and sign up for the 5K race.

First Timers Orientation will be held Sunday at 3:00pm and 5:00pm, Monday at 10:00am and 3:00pm and Tuesday at 10:00am. New attendees should plan to attend one of these 15-minute sessions to help you get the most out of the week. Meets near registration desk.

Meeting Room Assignments

Most conference activities will take place at the Grand Caribe Convention Center. The location of each session is listed to the right of the event name.

Technical Tour Departure Point

Bus loading area is the Palms Driveway in front of Grand Sierra & Palms Ballroom.

[Bus](#)

National Flood Insurance Program

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- Future Leaders Scholars Jesus Mulgado and Elizabeth Lacey will share their academic and professional experiences
- ASFPM Foundation Fellows will provide important insights into challenges and opportunities facing today's floodplain management community
- Student Paper Semi-Finalists will share information about their entries



Stop by the booth and purchase your ticket for this year's Donor Reception and Live Auction!

Wednesday, May 18 @ 6:30 pm | Grand Sierra Salons B&C
Donations gratefully accepted:

www.asfpmfoundation.org/give-now



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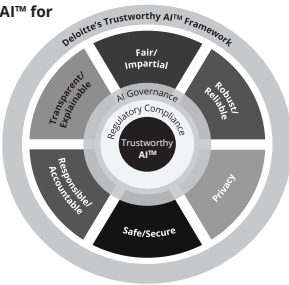
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FEATURED SERVICES

- Floodplain management
- Flood mitigation planning and design
- Hydrologic and hydraulic flood risk modeling
- Stream and ecosystem restoration
- Watershed and water quality planning and design
- Flood resilience planning
- Stormwater master planning



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Risk
Assessments



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& Analytics

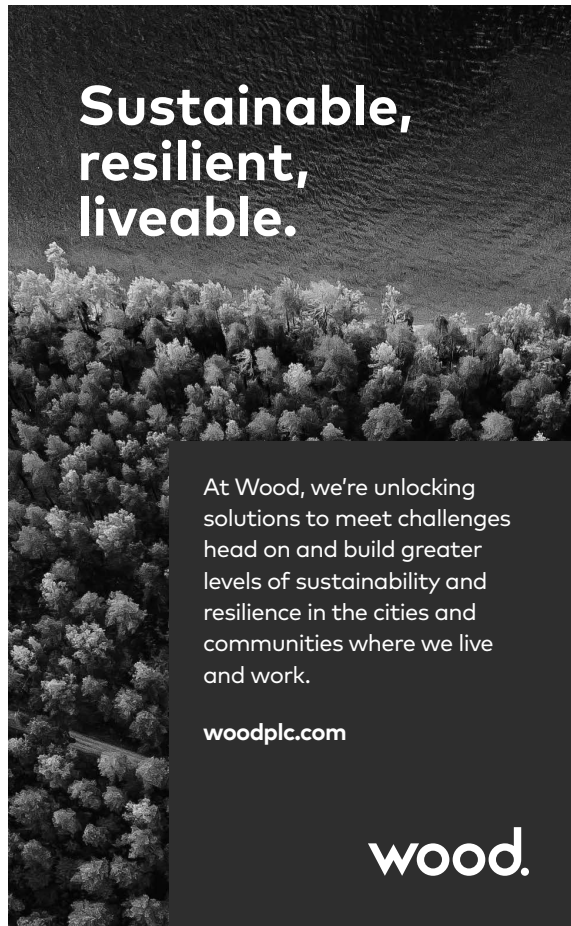


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Sunday, May 15

10:00-5:30	Registration Desk Hours	<u>Reg</u>
7:00-8:00	ASFPM Board Member Breakfast (Invitation Only)	<u>Grand Sierra E</u>
8:00-12:30	ASFPM Board Meeting (Invitation Only)	<u>Curacao 5&6</u>
12:30-2:00	ASFPM Board & Committee Co-Chairs Luncheon (Invitation Only)	<u>Grand Sierra F</u>
2:00-5:30	ASFPM Committee Chairs Mtg. (Invitation Only)	<u>Curacao 5&6</u>
9:00-5:00	TRAINING WORKSHOP (\$) Floodplain Mgmt. 101 (\$90)	<u>Grand Sierra B</u>
	<i>Instructors: Jennifer Marcy, PMP, CFM, Atkins, Shanna Michael, GISP, CFM, ABS Group and Michelle Gilbert, CFM, Atkins</i>	

TRAINING WORKSHOPS (\$)

1:00-5:00	Maximizing FEMA Funding Mechanisms to Advance Mitigation (\$45)	<u>Grand Sierra A</u>
	<i>Instructors: Laura Algeo, PE, FEMA, Camille Crain, FEMA, Brian Willsey, FEMA, Gabriel Riggie, FEMA, Molly Lucia Kaput, FEMA, Julie Grauer, CFM, FEMA, Brandon Sweeza, FEMA, Tammy Hansen, CFM, FEMA</i>	
1:00-5:00	Elevation Certificates and How to Review Them: Instructions for NFIP Communities (\$45)	<u>Grand Sierra C</u>
	<i>Instructor: Becca Fricke-Croft, CFM, Atkins</i>	

3:00-3:15	First Timers Orientation	<u>Reg</u>
5:00-5:15	First Timers Orientation	<u>Reg</u>
5:30-6:30	State Floodplain Mgrs., Hazard Mitigation Officers, & ASFPM Board Directors Meet & Greet <i>(Invitation Only)</i>	<u>Curacao 1&2</u>

6:00-9:00	Welcome Fest <i>Hosted by: FFMA and Local / Chapter Sponsors.</i> Mingle with the Mitigator! Start off the conference by reconnecting with friends at the Welcome Fest. Live music, food and beverages will be provided.	<u>Palms Ballroom</u>
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ATTENDEE & GUEST NAME BADGES MUST BE PRESENTED FOR ADMISSION

Day 1: Monday, May 16

7:00-5:00	Registration Desk Hours	<u>Reg</u>
7:30-5:00	Speaker Prep Lounge Hours	<u>Hibiscus</u>

TRAINING WORKSHOPS (\$)

8:00-10:00	Ethics for Floodplain Managers and Planners(\$45) <i>Instructors:</i> Louie Greenwell, GISP, CFM, ASFPM, Jacob Hoover, AICP, CFM, Ohio EMA, and Jerry Murphy, AICP, CFM, Univ. Florida	<u>Bonaire 5&6</u>
8:00-Noon	Blue Skies, Organize: Preparing for Substantial Damage Before Disaster Season (\$45) <i>Instructors:</i> Adrienne Sheldon, PE, CFM, FEMA, Michael Gumpert, FEMA, and Zane Hadzick, FEMA	<u>Grand Sierra A</u>

8:00-Noon	Hands-On HEC-RAS 2D Workshop (\$45) <i>Instructor:</i> Jeremy Dixon, CFM, Freese and Nichols and Mark Pauls, CFM, Freese and Nichols	<u>Grand Sierra C</u>
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8:00-Noon	TOUR (\$) Daytona International Speedway (\$70)	<u>Bus</u>
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National Policy Discussions and Regional Discussion Sessions are included in your registration.

8:00-9:00	<u>NATIONAL POLICY DISCUSSIONS</u> General Policy Issues	<u>Grand Sierra B</u>
	Overview & Legislative Update	

9:00-9:30	BREAK	<u>Grand Sierra Foyer</u>
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9:30-11:45	<u>NATIONAL POLICY DISCUSSIONS</u> International Policy Bonaire 3&4 Floodplain Regulations Bonaire 7&8 Map. & Eng. Standards.....Curacao 1&2 Mitigation.....Curacao 3&4 Professional Development.....Curacao 5&6 Risk Communication &Curacao 7&8 Social Justice Task Force	
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10:00-10:15	First Timers Orientation	<u>Reg</u>
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Noon-1:00	Lunch on your own <i>(on-site concessions will be available in the Grand Sierra Foyer and in the resort Main Reception Building)</i>	
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Noon-1:00	<u>REGIONAL DISCUSSION SESSIONS</u> Hosted by your elected Regional Directors (organized by FEMA regions). Region 1Grand Sierra A Region 2Grand Sierra C Region 3 Bonaire 3&4	
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Region 4	Grand Sierra B
Region 5	Bonaire 5&6
Region 6	Bonaire 7&8
Region 7	Curacao 1&2
Region 8	Curacao 3&4
Region 9	Curacao 5&6
Region 10	Curacao 7&8

1:00-4:00 **CFM Exam** (pre-registration required Caibbean Ballroom II)

TRAINING WORKSHOPS (\$)

1:00-3:00 **Planning For Disaster:** Grand Sierra A
Creating an SDE Operations Plan that
Leverages Mutual Aid & DRRR 1206
Funding (\$45)

Instructors: Shandy Heil, CFM,
 Stantec/STARR II, Paul Osman, CFM, P Oz
 Consulting, Nic LeBlanc, CFM, Tangipahoa
 Parish, LA, and W.B. Smith, PE, CFM,
 HISINC

1:00-3:00 **Cooperating Technical** Grand Sierra C
Partners Bootcamp: How to Partner with
FEMA to Reduce Risk (\$45)

Instructors: Laura Algeo, PE, FEMA, Andy
 Bonner, PE, PMP, CFM, AECOM, Matt
 Wagner, CERC, Marc Pearson, GISP, CFM,
 Stantec, and Jason Sevanick, GISP, CFM,
 Wood

1:00-5:00 **Build a Detailed Storm Surge** Bonaire 5&6
Flood Model in an Urbanized Area with a
Storm Drain System (\$45)

Instructors: Noemi Gonzalez Ramirez, PhD,
 FLO-2D Software and Karen O'Brien,
 FLO-2D Software

1:15-3:30

NATIONAL POLICY DISCUSSIONS

Coastal Issues Bonaire 3&4

Flood Insurance..... Bonaire 7&8

Higher Education Curacao 1&2

Stormwater Mgmt., No Adverse Impact,

Natural & Beneficial Functions Curacao 3&4

Nonstructural Floodproofing Curacao 5&6

Arid Regions..... Curacao 7&8

3:00-3:15

First Timers Orientation Reg

3:30-4:00

BREAK Grand Sierra Foyer

4:00-5:00

ASFPM Members Meeting Grand Sierra B

5:00-7:00

Exhibits Grand Opening/ Palms Ballroom
Social

7:00....

Dinner on your own, enjoy Orlando!
Buses will be shuttling attendees to Disney
Springs and back if desired. Last bus
leaves Disney Springs at 11:30 pm.

Day 2: Tuesday, May 17

7:00a-7:00p	Exhibit Hall Hours	<u>Exh</u>
7:00-5:00	Registration Desk	<u>Reg</u>
7:30-5:00	Speaker Prep Lounge	<u>Hibiscus</u>
7:45-8:30	Light Breakfast	<u>Exh</u>
8:30-10:00	<u>PLENARY SESSION</u>	<u>Grand Sierra</u>
		<u>Ballroom D-I</u>

Theme: New Approaches to Managing Flood Risk
Sponsored by: AECOM

Welcome Address: Chad Berginnis, CFM, ASFPM
Executive Director

Welcome Remarks: U.S. Representative Kathy
Castor, Florida 14th Congressional district

ASFPM Flood Science Center Overview: Jeff Stone,
CFM, ASFPM and Genevieve Moran, ASFPM

Emily Donahoe, Policy Specialist, Resilient Coasts
and Floodplains, National Wildlife Federation

Timothy Judge, Senior Vice President,
Chief Climate Officer, Fannie Mae

Moderator: Carey Johnson, CFM, ASFPM Chair,
Director at Kentucky Division of Water

10:00-10:15	First Timers Orientation	<u>Reg</u>
10:00-10:30	Break & Exhibits	<u>Exh</u>
10:30-Noon	<u>CONCURRENT SESSION A</u>	<u>Bonaire 1&2</u>
A1	Flood Insurance <i>Moderator: Steve Samuelson, CFM, Kansas Dept. Agriculture</i> Floodplain Management and Risk Rating 2.0 – Understanding and Explaining the	

Changes. Bruce Bender, CFM, Bender
Consulting Services, Inc.
**Reducing Flood Insurance Premiums with
Flood-Resistant Design under RR2.0.** John
Ingargiola, EI, CFM, CBO, FEMA HQ
**Risk Rating 2.0: Perspectives on Flood
Insurance, Floodplain Management,
Mitigation and FEMA's 3-Legged Stool.** Bill
Nechamen, CFM, Nechamen Consulting

A2	Mitigation Planning <i>Moderator: Darrin Punchard, FAICP, CFM, Punchard Consulting</i> What's [in] the Plan? What Floodplain Managers Need to Know about FEMA's Mitigation Planning Policies. Cathleen Carlisle, MPA, CFM, FEMA Planners Unite! The Rise of Planners in Floodplain Management. Stacy Wright, AICP, PMP, CFM, APA HMDR Integrating Hazard Mitigation Planning and Floodplain Management Programs. Tony Subbio, CEM, CFM, PMP, Tetra Tech, Inc.	<u>Bonaire 3&4</u>
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A3	Flood Damage Assessment and Probabilistic Analysis <i>Moderator: Rob Flaner, CFM, Tetra Tech</i> Resolving the High-Frequency Coastal Flood Risk for Probabilistic Flood Mitigation Action. Jeff Gangai, CFM, Dewberry Computing Multi-Frequency Coastal	<u>Bonaire 5&6</u>
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Storm-Induced Erosion Damages. Betsy Hicks, PE, CFM, AECOM
Analysis and Flood Damage Assessment in High Velocity Flood Zones. Michael DePue, PE, CFM, PMP, Atkins

A4 State Mapping Initiatives [Bonaire 7&8](#)
Moderator: Vikram Shrivastava, PE, PMP, D.WRE, CFM, Atkins North America
Quilting: Not Just a Pandemic Hobby. Rachel Forster, Texas Water Development Board
Discovery Reimagined. Dani Halloran, AECOM
Transitioning Midstream: A Case Study of the Migration of data development and stakeholder engagement activities to ArcGIS Online for the Louisiana Watershed Initiative. Jason Currie, PE, CFM, Freese and Nichols

A5 Changing the Story: [Curacao 1&2](#)
Real Estate, Risk Rating, and Communications
Moderator: Shelly Klose, True Flood Risk
Having the Flood Talk in the Age of Risk Rating 2.0. Butch Kinerney, FEMA
Tapping into the Great Real Estate (and Data) Migration. Leslie Chapman-Henderson, FLASH

A6 Local Levee Processes and Success Stories [Curacao 3&4](#)
Moderator: Jamelyn Trucks, CFM, Atkins
FEMA Has Accredited Your Levee - What Comes Next? Vicki Twerdochlib, PE, CFM, HDR

Tackling Regional Resiliency with Floodgate in the City of Lumberton Levee System. Amit Sachan, PE, CFM, Atkins
Frankenmuth Levee Improvements Project: Flood Resilience Success Story. Jason Matteo, PE, CFM, Matteo Engineering & Consulting, LLC

A7 Local Case Studies of Navigating Post-Disaster Recovery Programs [Curacao 5&6](#)
Moderator: Tammy Hansen, CFM, FEMA, Region IV
Calcasieu Parish and the Case for Unsiloed Consultants. Gary O'Neal, CFM, CH Fenstermaker & Associates, LLC
Holistic Roadmap to Recovery. Jennifer Aldridge, E.I., CFM, City of Panama City
Dodging Flood Impacts With Multiple Approaches and Funding Programs. Dan Fricke, PE, CFM, JEO Consulting Group

A8 Moffatt & Nichol Showcase [Curacao 7&8](#)
Moderator: Lynette Cardoch, PhD, Director, Resilience & Adaptation, Moffatt & Nichol
 Samantha A. Medlock, Senior Counsel, Select Committee on the Climate Crisis
 Dale Morris, Chief Resiliency Officer, City of Charleston
 Ana Carolina Coelho Maran, P.E., Ph.D., District Resiliency Officer, South Florida Water Management District

Noon-1:30 **ASFPM Foundation Luncheon Keynote** [Grand Sierra Ballroom D-I](#)

Moderator: Doug Plasencia, PE, CFM,
ASFPF Foundation President, Moffat &
Nichol
Kenote Speaker: David Maurstad, Acting
Associate Administrator, Resilience, FEMA

1:45-3:15 **ASFPF Chapter Meeting** Antigua 3

1:45-3:15 **CONCURRENT SESSION B**

B1 **Floodplain Management Legislation and Policy** Bonaire 1&2
Moderator: James Mascellino, CFM, FEMA
Impacts of the Infrastructure Act Upon Floodplain Management. Scott Edelman, PE, AECOM
Changing the NFIP for a Changing Climate: Update the NFIP's Floodplain Management Standards through Rulemaking. Joel Scata, esq., NRDC
Updates on the National Flood Insurance Program (NFIP) Endangered Species Act (ESA) Compliance Planning. Zane Hadzick, FEMA

B2 **State Mitigation Initiatives** Bonaire 3&4
Moderator: Susanna Pho, CFM, Forerunner
Innovative Flood Resilience Tools for Local Governments. Kelly Hill, GA
Department of Natural Resources
The Resilient Florida Program: An Unprecedented Investment in Florida's Future. Diane Quigley, AICP, WEDG, Florida
Department of Environmental Protection
Resilient NY Initiative - Enabling Communities to Address Current and

Future Flood Risk. Shaun Gannon, PE,
D.WRE, P.H., CFM, Ramboll

B3 **Coastal Modeling and Marshes** Bonaire 5&6

Moderator: Sam Hinojosa, Halff Associates
Study Design: Accounting for Wave, Sea Level Rise Risk for Marsh Communities.
Erin Benford, GIT, AECOM
Coastal Storm Surge Study Innovations – Addressing Tide Phases, Transitioning Storms, and Supercharging Quality.
Christopher Bender, PhD, PE, D.CE, Taylor
Engineering
Interdisciplinary Forward-Thinking Approaches to Floodplain and Tidal Wetland Restoration. Scott Blossom, PE,
CFM, LEED AP, Blossom Consulting and
Engineering Inc.

B4 **FEMA Mapping Program Showcase** Bonaire 7&8

Moderator: Krista Bethune Melnar, PE, CFM, PMP, Freese & Nichols
Exploring the Benefits and Multi-Program Uses of Graduated Flood Hazard and Risk Data. David Bascom, FEMA HQ
Collaboration is Road to Coastal Appeal Resolution St. Tammany Parish. Alan
Johnson, PE, FEMA Region VI
Exploring Opportunities for Flood Hazard Inventory Expansion. Laura Algeo, PE,
FEMA HQ

B5 **Behavior and Perception** Curacao 1&2

Moderator: Jeremias Alvarez, PMP, CSM, Guidehouse

	<p>Garnering Public Support for Climate Adaptation in the Face of Uncertainty. Kristin Murphy, ICAgile Certified Professional, Level 4 Social Marketer (CIM), Booz Allen Hamilton</p> <p>COVID-19 to Climate Change: Effective Communication for Behavioral Change. Sweta Chakraborty, PhD, We Don't Have Time</p> <p>The Economics of Emotion: Understanding the cost of risk reduction. Ronda Oberlin Nowak, CFM, CEM, Michael Baker International</p>	
B6	<p>Toward Equitable Floodplain Management Curacao 3&4</p> <p><i>Moderator: Elise Ibendahl, PE, PMP, ENV SP, F.ASCE, CFM, Jacobs</i></p> <p>Identifying Barriers to Accessing NFIP Resources. Rhonda Montgomery, CFM, FEMA</p> <p>Bridging the Equity Gap: Flood resilience for the whole community. Jessica Ludy, CFM, US Army Corps of Engineers</p> <p>Incorporating Environmental, Social, and Governance (ESG) Principles into Flood Mitigation Projects. Mike Onufrychuk, PMP, CFM, AECOM</p>	
B7	<p>Local Climate Change Initiatives Curacao 5&6</p> <p><i>Moderator: Matt Lyttle, Guidehouse</i></p> <p>Climate Change – Taking a Regional Approach to Resiliency. Claire Jubb, AICP, CFM, Charlotte County Board of County Commissioners</p>	
B8	<p>True Flood Risk Showcase Curacao 7&8</p> <p>New tools & technologies to advance floodplain management and risk communications</p>	
2:30-4:30	TRAINING WORKSHOPS (\$)	
2:30-4:30	<p>Flood Insurance for State Floodplain Managers: An ASFPM Mentoring One-on-one Module (for state employees only) (Free)</p> <p><i>Instructor: Bill Nechamen, CFM, Nechamen Consulting, LLC and Ceil Strauss, CFM, MN DNR</i></p>	
2:30-4:30	<p>Floodproofing – It's Not as Cut and Dry as You Think (\$45)</p> <p><i>Instructors: Dan Bass, RA, CFM, FEMA and Adam Reeder, PE, CFM, CDM Smith</i></p>	
2:30-4:30	<p>Coordinate Your Floodplain Management Ordinance with Building Code (\$45)</p> <p><i>Instructors: John Ingargiola, EI, CBO, CFM, FEMA; Adrienne Sheldon, PE, CFM, FEMA and Rebecca Quinn, CFM, RCQuinn Consulting, Inc.</i></p>	
3:15-3:45	Break & Exhibits Exh	

3:45-5:15 **12th Annual ASFP Foundation Antigua 3 Student Paper Competition**
Judges: ASFP Foundation Trustees **Threshold-Based Planning for Westport, Washington: a Case Study.** Grace Morris Univ. of Washington
Exploring the Relationship Between Public and Private Flood Responses. Kyle Julle, Northern Arizona Univ.

3:45-5:15 **CONCURRENT SESSION C**

C1 **Local CRS Administration** Bonaire 1&2
Moderator: Angelia Crowther, Utah Div. Emergency Mgmt.
CRS and GIS: The Perfect Marriage? Chris Hill, GISP, CFM, Meshek & Associates, LLC **Participation in CRS with Minimal Staff and a Shoestring Budget.** Joanna Colletti, PE, CFM, McHenry County Dept. of Planning & Development
Monroe County, FL: Sustainability Planning, the Bridge to CRS Class 3. Lori Lehr, CFM, Lori Lehr Inc.

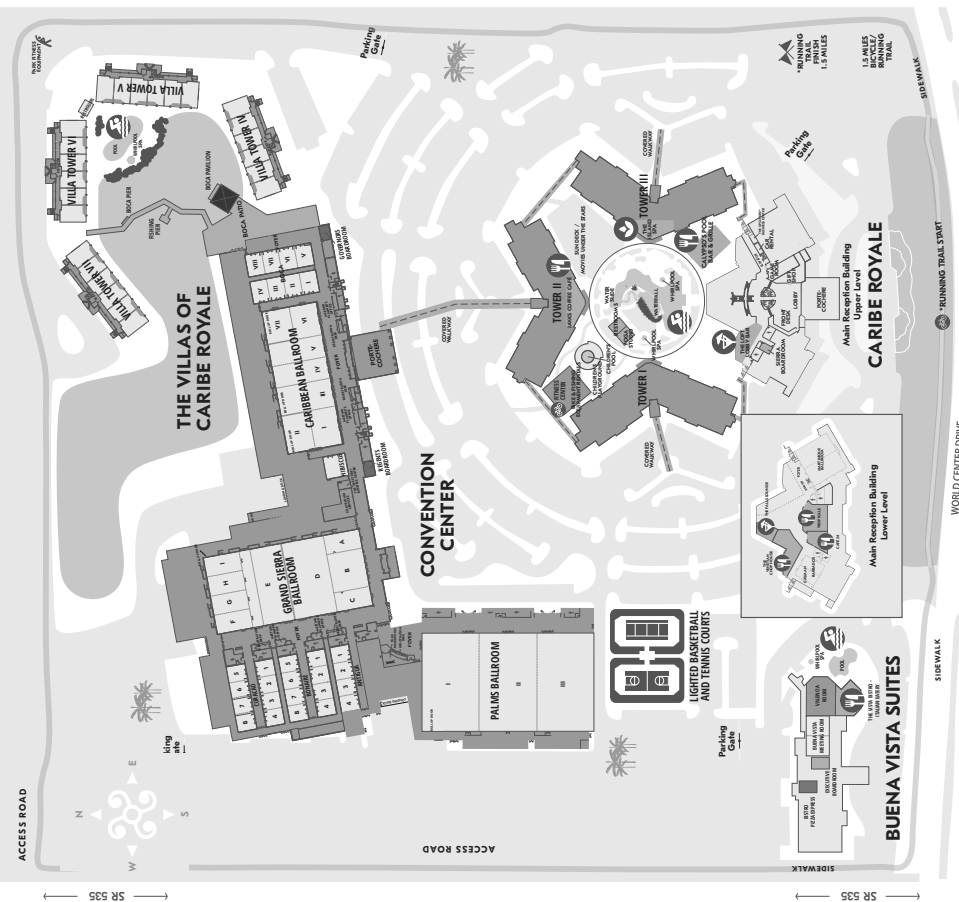
C2 **FEMA Hazard Mitigation** Bonaire 3&4
Assistance: Programs and Improving Your Grant Applications *Moderator:* Michelle Gonzales, CFM, Jefferson Parish, LA
New FMA Initiative Pilot: Overview and Stakeholder Feedback Session. Ryan Janda, FEMA
Best Practices for Application Development - Observations from the FY21 BRIC and FMA Application Cycles. Eric Kenney, PE, PMP, CFM, CDM Smith
BRIC - Lessons learned and Recommendations for Process Improvement. Jamelyn Trucks, CFM, PMP, Atkins

C3 **Incorporating Groundwater** Bonaire 5&6
and Water Quality into Flood Modeling
Moderator: Sam Hinojosa, PE, CFM, Half Associates
The Importance of Surface-Subsurface Water Interactions in Low Elevation Coastal Zones. Francisco Peña, PhD, Florida International University
A Coupled Overland-Sewer 2D Hydraulic Model with Pollutant Transport. Reinaldo Garcia, Hydronia LLC
Fall and Rise of the Santa Fe River. Rehal Kharel, EIT, Wood

C4 **BLE Mapping** Bonaire 7&8
Moderator: Bob Davies, PE, CFM, Wood
The Evolution of BLE. Patrick Dobbs, PE, Stantec
Scale 2D BLE Mapping: Best Practices, Case Studies, and Regional Nuances. Jared Newell, CFM, GISP, CDM Smith

C5 **Understanding and** Curacao 1&2
Reaching Your Target Audience
Moderator: Jarred Overbey, P.E., CFM, Half Associates
Best Practices for Outreach Across Four Regions in Texas. Shonda Mace, Community Development & Revitalization Department, Intergovernmental Relations of the Texas General Land Office
Using Social Intelligence and Artificial Intelligence to Better Understand the Audience. Tony Mendes, CFM, FEMA R8

Caribe Royale Property Map



Map Legend



Amenities

LEISURE

- Two Outdoor Swimming Pools
- Three Hot Tubs
- Private Pool for Villa Guests
- Private Cabanas (Available for Private Rental)
- Gift Shop
- Tennis and Basketball Courts
- Fishing

BUSINESS

- Business Center
- The UPS Store®
- Guest Services and Meeting Facilities

KIDS

- Kiddie Pool
- 75-Foot Water Slide
- Movies Under The Stars (Friday and Saturday)
- Game Room
- Seasonal Activities

HEALTH AND WELLNESS

- The Island Spa (Temporarily closed until spring 2021)
- Fitness Center
- Running Trail (1.5 mile)

Reaching Elected Officials - A New Visualization Tool for Community Resilience.

David Betenbaugh, CFM, CSS, Inc. (on contract for NOAA's Office for Coastal Management)

C6

Designing Natural Functions into Floodplain Restoration Projects Curacao 3&4

Moderator: Traci Sears, CFM, Montana Dept. Nat. Res. & Consvn.

Natural and Beneficial Functions of Man-Made Wetland and Mitigation Sites. Sarah Kessler, CFM, City of Clearwater

Intermodal Rail Logistics Park Preserves Floodway with Ecological Conservation Corridor. Garland Pennison, PhD, PE, HDR
Creating Environmental and Community Resiliency through Stream Restoration.

Guillermo Simon, PE, CFM, Half Associates, Inc.

C7

Local Stormwater Initiatives from Coast to Desert Curacao 5&6

Moderator: Jack Hampson, MIAM, CFM, Atkins North America

Rivers of Opportunity – Upper Petaluma River Watershed's Plan for Stormwater Management. Millicent Cowley-Crawford, PE, CFM, Woodard & Curran

Sluice Gate Benefits/Climate Change Impacts/Tropical Storm Eta Recap. Kevin Hart, P.E., CFM, South Broward Drainage District
TBD.

C8

Dewberry Showcase:

Curacao 7&8

Resilience in Motion: How Vision, Innovation, and Fortitude Drive Resilience Actions

Moderator: Brian Batten, PhD, CFM Coastal Resilience Lead

Northwest Florida Water Management District. John Crowe, CFM, CTP Program Lead

Texas General Land Office. Tyler Payne, PMP, Project Manager - Planning
City of Virginia Beach.

Tarig Omer, PE, CFM, PMP, Project Manager, Stormwater Center of Expertise
Virginia Department of Conservation and Recreation. Angela Davis, CFM, NFIP State Coordinator & Floodplain Program Planner

5:15-7:00

Exhibits Social

Exh

Sponsored by: CDM Smith

7:00-

Dinner on your own – enjoy Orlando!
Buses will be shuttling attendees to Disney Springs and back if desired. Last bus leaves Disney Springs at 11:30 pm.

Day 3: Wednesday, May 18

7:00-10:00 **8th Annual Running of the Chapters 5K Run/Walk** Bus
Meet buses at 6:30 am.

7:00-3:30 **Exhibit Hall** Exh
7:00-5:00 **Registration Desk** Reg
7:30-5:00 **Speaker Prep Lounge** Hibiscus
7:45-8:30 **Light Breakfast** Exh

8:30-10:00 **PLENARY SESSION** Grand Sierra Ballroom D-I
Theme: Partners in Flood Risk Management
Sponsored by: Stantec
1. **Richard W. Spinrad, Ph.D.**, Administrator, NOAA
2. **Deanne Criswell**, Administrator, FEMA

Moderator: Chad Berginnis, CFM, ASFP
Executive Director

8:30-1:00 **TECHNICAL FIELD TOUR (\$)** Bus
Reedy Creek Facilities (\$50)

10:00-10:30 **Break & Exhibits** Exh

10:30-Noon CONCURRENT SESSION D

D1 **Compliance and Enforcement** Bonaire 1&2
Moderator: Conn Cole, CFM, Florida Div. Emergency Mgmt.
The Community Assistance Contact (CAC)/Community Assistance Visit (CAV) is Changing...Learn How it Impacts Your Community's Compliance to the National

Flood Insurance Program (NFIP). Sarah Owen, FEMA
Making Elevation Certificate Review Easy. Becca Fricke-Croft, CFM, Atkins
Flood Venting 101. Mike Graham, CFM, Smart Vent Products Inc

D2 **Floodproofing and Retrofitting** Bonaire 3&4
Moderator: Laura Kelliher, CDM Smith
Flood Mitigation Certification Program Spotlight. Louie Greenwell, GISP, CFM, ASFP

Evolving Dry Floodproofing. Manny Perotin, PE, PMP, CFM, CDM Smith
A Climate Resilience Approach to Building Retrofits. Aditya Bhagath, PE, CFM, WEDG, Thornton Tomasetti

D3 **Modeling and Flood Forecasting** Bonaire 5&6

Moderator: Robert Wilkison, OST
Floodcast: Providing realtime flood forecast information to DOT's and beyond for emergency response. Shane Putnam, PhD, Dewberry
Repurposing HEC-RAS Models for Flood Forecasting Purposes in Mecklenburg County, NC. Warren McKinnie, PE, CFM, Streamline Technologies, Inc.
Flood Forecast Alerting based on NOAA's National Water Model. Jennifer McGee, PE, CFM, GISP, Wood PLC

D4 **State CTP Showcase** Bonaire 7&8
Moderator: Aaron Carranza, PE, CFM, North Dakota Dept. of Water Resources
Colorado 2D Consortium: Strategies and Lessons Learned from Interagency

Collaboration. Riegel Rucker, PE, CFM, AECOM
How to Design, Build, and Manage a Robust CTP Contractor Ensemble. Steve Story, PE, CFM, Montana DNRC
Bottom-up approaches to FIMA's Four-Legged Stool. Vikram Shrivastava, PE, PMP, D.WRE, CFM, Atkins

D5 Decision Support Tools Curacao 1&2
Moderator: Kristen M. Martinenza, PE, CFM, FEMA, Region IV
Hold 'em or fold 'em: Decision-making tools and resources for flood mitigation. Jenna Moran, ASFP
NOAA's Experimental Potential Coastal Flood Impact Mapping for Effective Decision Making. Doug Marcy, NOAA
Research-Based Pilot Projects to Increase Flood Resilience. Ron Langhelm, Science & Technology Directorate, U.S. Department of Homeland Security

D6 USACE Levee Session Curacao 3&4
Moderator: Mike Hanke, PMP, CFM, CDM Smith
National Levee Safety Program: The Future of Reducing Disaster Suffering and Improving Community Resiliency. Tammy Conforti, PE, US Army Corps of Engineers
National Levee Safety Guidelines: A Resource for Achieving Nationwide Consistency. Jamie L. McVicker, PE, US Army Corps of Engineers Levee Safety Center
National Levee Database & Data Collection: Supporting Levee

Management Decisions. Brian Vanbockern, US Army Corps of Engineers

D7 Local, State, and Regional Curacao 5&6 Watershed Management Initiatives
Moderator: Kelli DeFedericis, CFM, City of Marco Island
A Comprehensive Watershed Management Plan Aimed at the Rehabilitation of a Culturally Significant Urban Creek and Bayou in the Heart of Pensacola, FL. Christine Mehle, PE, CFM, ENV SP, Wood
Snapshot of the Louisiana Watershed Initiative. LaKesha Hart, Louisiana Office of Community Development
Watershed Management Planning in the Coastal Environment: Recent Lessons from the Florida Keys and Coastal Georgia. Jason Evans, PhD, Institute for Water and Environmental Resilience, Stetson University

D8 Wood Showcase:
Free the Data to Mange Risk and Improve Resilience Curacao 7&8

The path of developing 2D flood risk data sets for the historically 1D NFIP regulatory process – Building models for the Future and Beyond.
Frustrated with only providing great Flood Risk Data Set Impacts – Develop Flood Resilience Blueprints One Community at a Time.
We are the Flood Risk Data Experts and we are here to help you! – Skit with a Floodplain Manager, State NFIP Coordinator, 2D Modeler (SME) and Mayor.

Noon-1:30 **Open lunch** *(on-site concessions available for purchase in Exhibit Hall.)*

Noon-1:30 **FEMA State Roundtable** Grand Sierra B
This event is only for state floodplain managers, state hazard mitigation officers and their staff.

12:30-1:30 **Chapter Networking Lunch** Grand Sierra A
 Grab a lunch and bring it to this event. ASFPM Chapter Directors representing all 5 chapter districts will be present to meet with chapters over lunch. This is a great opportunity to learn more about ASFPM's plans to improve chapter benefits and to network with other chapters.

1:30-3:00 **Natural Floodplain Functions Alliance Meeting** Antigua 3
 The Natural Floodplain Functions Alliance (NFFA) is an affiliation of nonprofit and private organizations, government agencies, and individuals dedicated to the protection and preservation of the natural functions of floodplains, including coastal areas. To support its mission to share information and promote collaboration, the NFFA is hosting a discussion session open to members and other interested parties.

1:30-3:00

CONCURRENT SESSION E

E1 **State Floodplain Management Initiatives** Bonaire 1&2

Moderator: Tara Lanzrath, CFM, Kansas Dept. Agriculture

160 CACs in 6 Months: How to Streamline Your Community Assistance Process. Elijah Kaufman, CFM, Nebraska Dept. of Natural Resources

Leveraging the NFIP for Resiliency: New Jersey's Strategies for Effective Equitable Climate Change Adaptation. Rebecca Jones, CFM, New Jersey Department of Environmental Protection
Indiana's New Floodplain Information Portal. Doug Wagner, CFM, Indiana Department of Natural Resources

E2 **Local Mitigation Case Studies** Bonaire 3&4

Moderator: Richard Flood, CFM, FEMA, Region IV

Local Government Perspectives on Buyout Programs. Adam Short, CFM, AICP, CZO, Lenoir County & City of Kinston
Mitigation Successes/Failures - Post-Ida Mitigation Assessment in Jefferson Parish. Maggie Talley, CFM, Jefferson Parish

Tyndall Air Force Base – Coastal Flood Mitigation Approach for Future Military Bases. Jason Bird, CFM, Jacobs

E3 **Compound Flooding: Modeling Coastal and Inland Interaction** Bonaire 5&6

Moderator: Brian Caufield, PE, D.CE, PMP, CFM, CDM Smith

When Every Minute Counts: Real-Time Forecasting During the Storm. Jim Keith, PE, CFM, Freese and Nichols, Inc.

A Comprehensive Model to Develop Mitigation Plans for Extreme Flooding Events in Coastal Urban Areas. Noemi Gonzalez Ramirez, PhD, FLO-2D Software, Inc.

Advancements in Compound Flood Risk Analysis and Application for the Texas Coast. Patrick Kerr, PhD, PE, U.S. Army Corps of Engineers Galveston District

E4 **Local Flood Warning System Innovations** [Bonaire 7&8](#)

Moderator: Lori Schrader, PE, CFM, Stantec Flood Warning Systems: One Size Doesn't Fit All. Andrew Yung, PE, CFM, D.WRE, Walter P Moore

Real-time Flood Modeling for Live Traffic Routing using Waze. Juliette Murphy, PE, FloodMapp

Case Study on Low-Cost Flood Sensor Deployment in Southeast Texas. Liv Haselbach, PE, PhD, BCEE, Lamar University

E5 **Communicating Risk through Art, Technology, and Youth** [Curacao 1&2](#)

Moderator: Dan Horner, CFM, NiyamIT ArtWorks: Connecting art with mitigation in a new FEMA initiative. Tony Mendes, CFM, FEMA R8

Using Augmented Reality to Communicate Flood Risk & Risk Management Solutions. Daniel Gwartney, GISP, CFM, Wood

RISE Challenge: A Replicable Model for Youth Engagement. Nicholas Bruscato, FEMA

E6 **Pursuing Equitable Floodplain Management in Your Community** [Curacao 3&4](#)

Moderator: Gib Jones, PE, CFM, Dewberry Blight or Flight? Establishing a Toolkit to Combat Social Injustice While Building Resilient Communities. Kelly Keefe, CFM, AECOM

Leveraging Open-Source Data to Drive Equitable Communication Development.

Alyxandra Colgan, Guidehouse

Holding up the Mirror: Conducting Equity Diagnostics and Building a Reflective Culture. Katrina Tavanlar, Booz Allen Hamilton

E7 **Navigating the Post-Disaster Substantial Damage Process** [Curacao 5&6](#)

Moderator: Jason Hunter, CFM, FEMA, Region IV

Substantial Damage for "Safer" Communities Where Disaster Doesn't Strike Often. Celinda Adair, CFM, Atkins

Getting Ahead of the Next Disaster: Additional Resources for Meeting Your Post-Disaster Requirements. Adrienne Sheldon, PE, CFM, FEMA

Navigating DRRA 1206 Post-disaster Resources. Molly Kaput, FEMA

E8 **Coastal Information and Data** [Curacao 7&8](#)

Moderator: Roy McClure, CFM, FEMA, Region IV

New Coastal Inundation Information and Services Coming to Address Climate Timescales. Doug Marcy, NOAA Office for Coastal Management

Correlating Water Level Observations Reported during King Tides with Spatial Inundation through Aerial Photography. Daniel Tomczak, CFM, Jacobs Engineering
Natural Design Enhancements for Wave Attenuation and Storm Surge Mitigation. Erin Hague, CEP, ENV SP, Tetra Tech, Inc.
Community Technical Assistance: A Model for Mitigation Action. Tara Lanzrath, CFM, Kansas Department of Agriculture
Successfully Integrating Climate Adaptation into the Massachusetts Hazard Mitigation Plan. Joy Duperault, CFM, Massachusetts Dept. of Conservation & Recreation

3:00-3:30 **Break & Final Exhibits Viewing** [Exh](#)

3:30-5:00 **CONCURRENT SESSION F**

F1 Highlighting Local Higher Regulatory Standards [Bonaire 1&2](#)
Moderator: Angela Davis, CFM, Virginia Dept. of Conservation & Recreation
Falling Rain, Rising Standards – Climate-Informed Updates to Floodplain Regulations in Washington, DC. Victor Ukpolo, CFM, DC Department of Energy & Environment
Rising Waters, Higher Standards: New York City's Recently Enacted Floodplain Ordinance. James P. Colgate, Esq., AIA, CFM, Bryan Cave Leighton Paisner LLP
The Next Generation of Floodplain Management Regulations: Incorporating

Additional Types of Flooding, Climate-Change, and Watershed Development. Vince DiCamillo, PMP, CFM, Stantec

F2 Risk Assessment and Mitigation Option Tools [Bonaire 3&4](#)

Moderator: Timothy J. Trautman, PE, CFM, Mecklenburg Cnty., NC
Evaluating Mitigation Options – Which One is Worth It? Eliza Ledwell, CFM, Niyam IT
Evaluating our Readiness through Geospatial Intelligence Solutions - Case Studies in Risk Analysis. Patrick Heck, CSM, Guidehouse
Exploring Open Source Alternatives to Hazus Flood. Andrea Jackman, PhD, ABS Group

F3 Academic Research in Mitigation and Flood Impacts [Bonaire 5&6](#)

Moderator: Jeff Crump, PE, Moffatt & Nichol
Parks: Hazard Mitigation Tool or Economic Development Boon? Carrie Beth Lasley, PhD
Evaluating Mental Health Risk Factors in Hurricane Survivors. Holly Davies, LMSW, MBA, Graduate College of Social Work, University of Houston
Climate Change, Ecosystem Loss & Disaster Risk: A Case of Burlington, Ontario. Megan Sipos, York University

F4 Modeling Complex Systems [Bonaire 7&8](#)
Moderator: Jennifer Aldridge, EI, CFM, City of Panama City, FL

Leveraging Local Data to Prioritize Texas Flood Modeling. Garrett Johnston, PE, CFM, Freese and Nichols, Inc.

Old Meets New: Combining Tradition with Innovation to Catalyze Change. Samuel Acosta, PE, CFM, HDR
Modeling Rush to Resiliency – A Minnesota 2D CLOMR Story. Rachel Pichelmann, PE, CFM, SEH Inc.

F5 Predictive & Real-Time Inundation Mapping Curacao 1&2

Moderator: Eric Grizzle, OST Global
Emerging Role of Big Data for Climate Change and Flood Hazard Analyses. Namrata Batra, PE, CFM, Atkins
Real-time Inundation Maps Using New Sensor Data: Case Studies from Great Lakes Watersheds. Brandon Wong, Hyfi
Moving Toward Near-Real-Time Forecast Flood Inundation Mapping Services in the Northeast U.S. Jason Elliott, NOAA/National Weather Service

F6 Risk Perception and Understanding Curacao 3&4

Moderator: Robert Wilkison, OST Global
It Won't Happen to Me! Perceptions of household flood risk in America. Matt Lyttle, Guidehouse
What Does Your Flood Zone Really Mean? Dina Bautista, PE, CFM, AC Disaster Consulting
Combating Misperceptions About Flood Magnitude. Kim Dunn, PE, D.WRE, CFM, T&M Associates

F7 Advocating for Natural Floodplain Functions Curacao 5&6

Moderator: Caroline Roberts, Jacobs
Save Guilford Woods - Community Advocacy for Its Natural and Ecological Benefits and Functions to Reduce Flooding. Stuart Adams, EI, CFM, ENV SP, Stantec

Nature-based Solutions for Flood-Induced Chemical Risk Reduction in the Galveston Bay. Devyani Kar, PhD, PMI, CC-P, CFM, Environmental Defense Fund
San Pedro Creek Culture Park: Turning a Flood Control Project into A World Class Linear Park. Christine Clayton, PE, CFM, San Antonio River Authority

F8 Guidance for Local Stormwater Management Programs Curacao 7&8

Moderator: Ed Dickson, PE, CFM, Freese & Nichols
Creating and Maintaining Resilient Stormwater Infrastructure. Jennifer Walker, PE, D.WRE, ENV SP, CFM, QSD, Watearth
Stormwater Fees: The Good, the Bad, and the Ugly. Warren Campbell, PhD, PE, CFM, Western Kentucky University
Utilizing 2D Modeling in Stormwater Management and Master Planning. Maria Neeland, PE, CFM, Wood Environment & Infrastructure Solutions, Inc.

3:30-5:00 FFMA Annual Members Meeting Grand Sierra Ballroom D-I

5:30-6:30 FEMA Town Hall Grand Sierra Ballroom D-I

Across the country, Americans have been impacted by the life-altering effects of hurricanes, floods, wildfires, extreme heat, drought, tornados, and other natural disasters. Due to climate change, we should expect these events to be more frequent, and more destructive, with people living in underserved communities most often feeling the brunt of lasting impacts struggling to bounce back.

Climate change has become a defining moment in human history, but it also presents an opportunity for the emergency management community to seize the moment and respond in unprecedented ways.

During this Town Hall, Senior leaders from across FEMA's Federal Insurance and Mitigation Administration will engage in discussions around their ongoing and upcoming efforts to instill equity and climate change into our tools, resources and programs that shape how we plan for and mitigate against future disasters. The conversation will focus on the increasing demands on FIMA program delivery and the deliberate actions they're taking to bring down barriers, achieve equitable outcomes and ultimately reduce disaster suffering for all.

6:30-8:30 **ASFPM Foundation
Donor Appreciation Reception
& Live Auction**
(Ticket required)
Foundation donors have received invitations with tickets to this event. Tickets for this event are available for purchase at \$125 each.

6:30.... Dinner on your own, enjoy Orlando! **Buses will be shuttling attendees to Disney Springs and back if desired. Last bus leaves Disney Springs at 11:30 pm.**

Day 4: Thursday, May 19

7:00-5:00 **Registration Desk Hours** Reg
7:15-8:30 **Early Bird Session on Risk Rating 2.0** Bonaire 1&2

7:30-5:00 **Speaker Prep Lounge Hours** Hibiscus

7:45-8:30 **Light Breakfast** Grand Sierra Foyer

8:00-Noon **TECHNICAL TOUR (\$)** Bus
Orlando Wetlands Park (\$50)

8:30-10:00 **PLENARY SESSION** Grand Sierra D-I
Theme: Local Success Stories
Sponsored by: Michael Baker International
1. Harriott Festing, Executive Director, Anthropocene
2. Deborah Neddenriep, CFM, Water Resource Specialist II, Carson Water Sub Conservancy
3. Paul Zachary, PE, CFM, Director, City of Tulsa PW Engineering Services Department
Moderator: Steve Samuelson, CFM, ASFPM Vice Chair

10:00-10:30 **Break** Grand Sierra Foyer

10:30-Noon **CONCURRENT SESSION G**

G1 **CRS - National and Regional** Bonaire 1&2
Focus
Moderator: Bruce Bender, CFM, Bender Consulting Svcs., Inc.
CRS Next: What We've Heard and Where We Go Next. Rachel Sears, FEMA
Effectiveness of the Community Rating System in reducing flood damages. Jesse Gourevitch, PhD, UC Davis

Growing the CRS in Virginia: Local Government CRS Program Evaluation Trainings. Mary-Carson Stiff, CFM, Wetlands Watch

G2 International Floodplain Management Bonaire 3&4

Moderator: Richard S. Flood, CFM, FEMA Region IV

COVID 19 Pandemic impacts on disaster events in Latin America and the Caribbean. Alejandro Riano, PE, CFM, AECOM

Flood Risk Management and Disaster Recovery in Mexico: Past, Present, and Future. David Powers, PE, PH, D.WRE, CFM, CDM Smith

Flood Recovery in Indigenous Communities of Central Guatemala. Erin Hughes, PE, Solidarity Engineering

G3 Resiliency and Climate Adaptation Planning Bonaire 5&6

Moderator: Celinda Adair, CFM, Atkins North America, Inc.

Integrating Hazard Mitigation and Climate Adaptation Planning in Frederick County, MD. Scott Choquette, CFM, Dewberry

Exploring a Community's Quest for Resilience: Struggling with Past Plans. Bob Freitag, CFM, Institute for Hazard Mitigation Planning and Research, University of Washington

From Hazard Mitigation Planning to Resiliency Planning: A Logical Next Step in Rocky Mount, NC. David Stroud, CFM, Wood

G4

New Approaches to Bonaire 7&8

Hydrologic Data and Analysis

Moderator: Sarada Kalikivaya, PE, PMP, CFM, Atkins North America

Don't Judge a Flood by Its Peak:

Hydrologic Considerations for 2D Hydraulics. Ana Simões, Ph.D., PH, CFM, STARR II / ATKINS

Can HEC-RAS Be a 'One Stop Shop'?

Vahid Zahraeifard, PE, CFM, Atkins- Member of SNC-Lavalin

1-percent-plus Discharge for Flood Resiliency and its Relationship with 1-percent Discharge. Kaveh Zomorodi, PhD, PE, CFM, Dewberry

G5

Advancing Flood Risk Curacao 1&2

Communication & Outreach Platforms

Moderator: Jack Hampson, MIAM, CFM, Atkins North America

Is this Heaven? No, it's the Iowa Digital Platform. Marc Pearson, GISP, CFM, Stantec

Flood Risk Under the Big Sky. Katie Shank, CFM, Montana Department of Natural Resources and Conservation

What's Next: Management of the Modeling, Assessment, and Awareness Project (MAAPnext). Todd Ward, PE, CFM, Harris County Flood Control District

G6

Mapping for Risk Curacao 3&4

Communication

Moderator: Marissa Bartus-Dobson, Guidehouse

Storm Tide Pathways on Cape Cod: Mapping, Use, and Outreach. Shannon Hulst, CFM, Barnstable County Cape Cod

Cooperative Extension / Woods Hole Sea Grant
Understanding User Needs for Coastal Flooding to Improve Resilience: NOAA's Evolving Water Information. Cayla Dean, NOAA
Telling the Story of Local Flood Risk to Improve Resilience. Kathleen Fallon, New York Sea Grant

G7

Planning for Dam and Levee Risk Management Curacao 5&6
Moderator: Brad Winters, P.E., CFM, CDM Smith
CTA- Collaborative Approach to Understanding and Planning for Dam Risk on a Watershed Level. Edward Beadenkopf, PE, CFM, Atkins
Flood Risk and Environmental Benefits from Setting Levees Back from the River. Randall Behm, PE, CFM, Behm Hazard Mitigation, LLC.
Preparing for Failure: How Levee Emergency Preparedness Plans Reduce Risk. Rebecca Appleford, CFM, JEO Consulting Group

G8

Understanding and Planning for Climate Change Curacao 7&8
Moderator: Darryl Hatheway, CFM, AECOM
Climate Driven Changes in Frequency and Intensification of Extreme Weather Events, Perception or Reality? – A Synoptic Literature Review. Christine Gralher, PE, CFM, Stantec
The State of Climate Knowledge: An Overview and Update for Floodplain

Managers. Siamak Esfandiary, PhD, PE, Dewberry
A Path to Flood Resilience in a Changing and Uncertain Climate. Paul Robinson, Jacobs

Noon-1:45

ASFP National Awards Luncheon Grand Sierra D-I
 and an invitation to the ASFP 2023 Conference in Raleigh, North Carolina hosted by the North Carolina Floodplain Management Association

TRAINING WORKSHOPS (\$)

2:30-4:30

FRESH Map and CRS Endangered Species Credit (\$45) Grand Sierra A
Instructor: French Wetmore, CFM, French & Associates, Ltd.

2:30-4:30

Partnering with your Real Estate Community for Better Risk Communication (\$45) Grand Sierra C
Instructors: Lisa Foster, CFM, Pinellas Cnty., FL, Maxine Moore, CFM, Pinellas Cnty., FL and Cece McKiernan, CFM, FFMA

2:00-3:30

CONCURRENT SESSION H

H1

No Adverse Impact Legal Guide: A Resource for Floodplain Managers Bonaire 1&2
Moderator: Ceil Strauss, CFM, Minnesota Dept. Natural Resources
No Adverse Impact How-To Guides and Legal Guide to Flood Risk Management. Terri Turner, AICP, CFM, Planning & Development Dept.

Making the Case for a No Adverse Impact Approach to Floodplain Management.

Jerry Murphy, JD, AICP, CFM, Program for Resource Efficient Communities, University of Florida

Constitutional Law and Property Protections in Floodplain Management.

Thomas Ruppert, Esquire, Florida Sea Grant

H2 Mitigation Partnerships Bonaire 3&4

Moderator: Russell Koff, AICP, Jacobs

Leveraging Federal Funding and Partnerships to Support Community Resilience. Kayed Lakhia, AIA, NCARB, LEED AP, CFM, Federal Emergency Management Agency

Execution of Flood Mitigation Projects through Private-Public Partnerships.

Jeanne Hornsby, MS, PE, CFM, C.H. Fenstermaker & Associates, L.L.C.

Building Community Resilience through Partnerships: FEMA's Guides to

Expanding Mitigation. Kelly Pflicke, AICP, FEMA FIMA

H3 2D & Dynamic Modeling Solutions Bonaire 5&6

Moderator: Mark Pauls, CFM, Freese & Nichols

Pluvial Flood Hazard Assessment using 2D Rain-on-Grid Models: Faster, Cheaper, and Ready for Prime Time. Siamak Esfandiary, Dewberry

Static vs. Dynamic Sea Level Rise Inundation Mapping in Hollywood, Florida.

Jordon Cheifet, PE, CFM, Cummins Cederberg, Inc.

FEMA Floodway Boundaries Solved for Any Unsteady Modeling. Ataul Hannan, PE, CFM, HCFCDC

H4 Unique Challenges to Analyzing Rainfall and Runoff Bonaire 7&8

Moderator: David Sutley, PE, Dewberry

GIS Tools for Post-Wildfire Hydrologic Analysis. Michael Schultz, CFM, GISP, CDM Smith

Adaptive Flood Mitigation Techniques.

Gamal Hassan, PE, HWR

Cloudburst Analysis - Forecasting, Tools and Methods. Zachary Ranstead, PE, CFM, LEED-AP, T&M Associates

H5 Future Conditions & Flood Risk Mapping Products Curacao 1&2

Moderator: Adam Lucas, Guidehouse

Leveraging Probabilistic Flood Risk Data to Develop Climate-Informed Future Flood Risk Data for Communities. Justin Vandever, PE, PMP, AECOM

Leveraging Coastal Risk MAP Non-Regulatory Products to Enhance Community Flood Resilience and Achieve the Administration's Goals. Elena Drei-Horgan, PhD, CFM, AECOM

The Best Available Science: A Roadmap to Future Conditions Flood Hazard Mapping. Sarada Kalikivaya, PE, CFM, PMP, Atkins North America

Mapping. Sarada Kalikivaya, PE, CFM, PMP, Atkins North America

H6 Communication about Nature-based Resilience Curacao 3&4

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

Resiliency Implementation Planning in Coastal Georgia: Assessing Risks and Incorporating Nature-Based Infrastructure. Ashby Worley, CFM, The Nature Conservancy
How Goats Can Help Floodplain Managers Educate the Public About the Natural and Beneficial Function of Streams and Riparian Corridors. Tom Jacobs, PE, CFM, City of Lenexa, KS
Nature-Based Solutions: Achieving Sustainable Water Resources Infrastructure by Implementing Engineering With Nature Principles. Jane Thompson, CFM, GISP, AECOM

H7 **Strategies for More Equitable Floodplain Management** Curacao 5&6
Moderator: Garrett Skinner, PMP, CFM, CDM Smith
Equitable Alternatives to the Traditional Benefit-Cost Analysis. Robyn Williams, CFM, Texas Water Development Board
Place-Based Inequality: How Its Persistence Impacts Floodplain Management. Heather Hilliard, CEM, CFM, IEM
Driving Change by Creating an Equitable Experience. JaQuisha Hudson, APR, Ogilvy

H8 **Post-Harvey Statewide Flood Reduction Initiatives in Texas** Curacao 7&8
Moderator: Veronica Villalobos-Pogue, CFM, Texas Water Dev. Board
A Story of State-Focused Regional Flood Mitigation. Shonda Mace, Community Development & Revitalization Department of the Texas General Land Office

Empowering Decision Makers in Texas with Information They Want. Tyler Payne, PMP, Community Development & Revitalization Department of the Texas General Land Office
Updates on Texas's First Ever Statewide Flood Planning Effort. Reem Zoun, PE, CFM, ENV SP, Texas Water Development Board

3:30-4:00

Break Grand Sierra Foyer

4:00-5:30

CONCURRENT SESSION J

J1

Local FPM Programs and Processes Bonaire 1&2
Moderator: Paul Robinson, Jacobs
Beyond the FIRM, Using Best Available Data for Best Floodplain Management Practices. Lisa Foster, CFM, Pinellas County Government
Continuing to Work Together to Simplify Permitting in the Trinity River Corridor. Lisa Biggs, PE, CFM, City of Fort Worth
The FM Area Diversion: Navigating NFIP Requirements on a Large Regional Flood Control Project. Joel Paulsen, PE, Metro Flood Diversion Authority

J2

Nature-Based Mitigation Policy and in Practice Bonaire 3&4
Moderator: Mitch Paine, CFM, FEMA, Region X
Once in a Generation Federal Funding Opportunity to Enhance Community Resilience. Sarah Murdock, The Nature Conservancy
Mitigation: Coast to Coast. Lauren Dozier, CFM, Hagerty Consulting

Measuring the Risk Reduction Benefits of Coral Reef Conservation: The Importance of Nature-Based Solutions. Ashley Hoke, Niyam IT inc.

J3 Local Case Studies of Prioritizing Mitigation Actions Bonaire 5&6

Moderator: Amit Sachan, PE, CFM, Atkins North America

Elevating Windsor Heights – Prioritizing Resilience. John Callen, PE, CFM, JEO Consulting Group, Inc.

Specific Mitigation Benefit Estimating.

Tom Morey, RS, CFM, Stantec

Building a Watershed Master Plan

Program for Flooding Resiliency - From the Ground Up. Alicia Lanier, PE, CFM, City of Fayetteville, Public Services

J4 2D Modeling: Large Scale and Rain-on-Grid Bonaire 7&8

Moderator: Swamy Pati, PE, CFM, Jacobs

Lower Missouri River: Flood Risk Data for the Future. William Zung, PMP, CFM, Stantec

Using 2D Rain on Grid Modeling for Rapid

Emergency Response Flood Mapping.

Mitchell Blum, PE, CFM, HDR Engineering Inc.

Challenges with 2D Rain on Mesh (RoM)

and Detailed Studies for Communities.

Meredith Miller, EIT, CFM, AECOM

J5 Mapping Tools and Processes Curacao 1&2

Moderator: Eric Grizzle, OST

LOMC Revalidation Best Practices. Jamie Hughes, GISP, CDM Smith

2D Models to Maps: Understanding Variability Between Different Mapping Methods. Andrew C. Reicks, CFM, GISP, CDM Smith
eLOMA – A Collaborative Tool for Licensed Professionals, Communities, and FEMA. David Mummert, Michael Baker International

J6 Climate Change and Risk Communication Curacao 3&4

Moderator: Alyx Colgan, Guidehouse

To Infinity and Beyond: Managing Flood Risks Now and Into the Future. Marcia Tobin, AICP, AECOM

Tools and Visualizations for

Communicating Sea Level Rise and

Coastal Flood Risk. Dan Rizza, Climate Central

Engaging Communities and Residents on Current and Future Coastal Flood Risk.

Andrew Medhurst, SLR/MSU/Sea Grant

J7 Natural and Beneficial Functions: How-To Curacao 5&6

Moderator: Shandy Heil, CFM, Stantec

Developing an Action Plan for No Net

Loss of Floodplain Functions. Eileen Shader, American Rivers

Financing the Restoration of Mangrove

Ecosystems to Protect Florida's Coastal

Communities. Rod Braun, The Nature Conservancy

Application of the USACE International

Guidelines on Natural and Nature-Based

Features for Beaches and Dunes. Chris Mack, PE, PMP, D.CE, Stantec

J8

Professional Development Curacao 7&8

Moderator: Karen McHugh, CFM, Missouri

Floodplain Management

ASFPM Spotlight: The Official Guide to Taking the CFM Exam and Maintaining Your Certification. Louie Greenwell, GISP, CFM, ASFPM

Taking the Mystery Out of Floodplain Management Education: Providing the Right Clues for Aspiring CFMs. Michael Rimoldi, CFM, CBO, MPA, Florida Floodplain Managers Association

The Emerging Workforce of Programming Engineers. Geoff Uhlemann, PE, PMP, CFM, Michael Baker

6:30-10:30

NETWORKING RECEPTION:

Mitigation Royale: Florida-Fancy Soirée Off-site

Located at the Dr. Phillips Center for the Performing Arts in in Downtown Orlando

Join us as we celebrate the end of our first in-person conference in three years! We will be having an improv comedy show, casino tables, and a DJ! It's been a while since we've gotten to dress up, but let's not overdo it – it is Florida in May after all.

What is the attire for a Florida-Fancy Soirée you ask? Think casual beach wedding in the Florida Keys, the mullet of fashion – a button-up collared shirt with shorts and flip flops; a summer dress with sandals. Or go all out with a flamingo tie or sequin blouse! You'll be fancy enough for the casino tables, but casual enough for the DJ party. Whatever you wear, don't forget to put on your dancing shoes and your party smiles – you've earned it!

Pre-registration required. Included in FULL registration. Appetizers and beverages included. Bus transportation will be provided. Buses will leave the resort beginning at 6 pm, and will run back & forth throughout the night.

ATTENDEE/GUEST NAME BADGE OR TICKET
MUST BE PRESENTED FOR ADMISSION

SAVE THE DATE

May 7-11, 2023

Raleigh, North Carolina

ASFPM Annual National Conference 2023

