

Updated: 4/27/22				
*Track will be available virtually				
Session A (Tuesday, May 17 - 10:30AM-Noon)				
A1: Flood Insurance*				NFIP/Floodplain Management
Moderator: Steve Samuelson, CFM, Kansas Dept. Agriculture				
Bruce	Bender	CFM	Bender Consulting Services, Inc.	Floodplain Management and Risk Rating 2.0 – Understanding and Explaining the Changes
Bill	Nechamen	CFM	Nechamen Consulting	Risk Rating 2.0: Perspectives on Flood Insurance, Floodplain Management, Mitigation and FEMA's 3-Legged Stool
John	Ingargiola	EI, CFM, CBO	FEMA Headquarters	Reducing Flood Insurance Premiums with Flood-Resistant Design under RR2.0
A2: Mitigation Planning*				Mitigation
Moderator: Darrin Punchard, FAICP, CFM, Punchard Consulting				
Cathleen	Carlisle	MPA, CFM	Federal Emergency Management Agency	What's [in] the Plan? What Floodplain Managers Need to Know about FEMA's Mitigation Planning Policies
Stacy	Wright	AICP, PMP, CFM	APA HMDR	Planners Unite! The Rise of Planners in Floodplain Management
Tony	Subbio	CEM, CFM, PMP	Tetra Tech, Inc.	Integrating Hazard Mitigation Planning and Floodplain Management Programs
A3: Flood Damage Assessment and Probabilistic Analysis*				Modeling
Moderator: Rob Flaner, CFM, Tetra Tech				
Jeff	Gangai	CFM	Dewberry	Resolving the High-Frequency Coastal Flood Risk for Probabilistic Flood Analysis and Mitigation Action
Betsy	Hicks	PE, CFM	AECOM	Computing Multi-Frequency Coastal Storm-Induced Erosion Damages
Michael	DePue	PE, CFM, PMP	Atkins	Flood Damage Assessment in High Velocity Flood Zones
A4: State Mapping Initiatives*				Mapping
Moderator: Vikram Shrivastava, PE, PMP, D.WRE, CFM, Atkins North America				
Rachel	Forster		Texas Water Development Board	Quilting: Not Just a Pandemic Hobby
Dani	Halloran		AECOM	Discovery Reimagined
Jason	Currie	PE, CFM	Freese and Nichols	Transitioning Midstream: A Case Study of the Migration of data development and stakeholder engagement activities to ArcGIS Online for the Louisiana Watershed Initiative
A5: Changing the Story: Real Estate, Risk Rating, and Communications*				Risk Communication
Moderator: Shelly Klose, True Flood Risk				
Butch	Kinerney		FEMA	Having the Flood Talk in the Age of Risk Rating 2.0
Leslie	Chapman-Henderson		FLASH	Tapping into the Great Real Estate (and Data) Migration
A6: Local Levee Processes and Success Stories				Dams & Levees

Moderator: Jamelyn Trucks, CFM, Atkins				
Vicki	Twerdochlib	PE, CFM	HDR	FEMA Has Accredited Your Levee - What Comes Next?
Amit	Sachan	PE, CFM	Atkins	Tackling Regional Resiliency with Floodgate in the City of Lumberton Levee System
Rich	Niles		Woodard & Curran	Re-Mapping Implication on Levee Certification: Challenges and Opportunities for Greater Flood Protection
A7: Local Case Studies of Navigating Post-Disaster Recovery Programs*				Post-Disaster
Moderator: Tammy Hansen, CFM, FEMA, Region IV				
Gary	O'Neal	CFM	CH Fenstermaker & Associates, LLC	Calcasieu Parish and the Case for Unsiloed Consultants
Jennifer	Aldridge	E.I., CFM	City of Panama City	Holistic Roadmap to Recovery
Dan	Fricke	PE, CFM	JEO Consulting Group	Dodging Flood Impacts With Multiple Approaches and Funding Programs
A8: Moffatt & Nichol Showcase				Showcase
				Ideas to Implementation: Solving the Resilience Jurisdictional Jigsaw Puzzle
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				
Session B (Tuesday, May 17 - 1:45PM-3:15PM)				
B1: Floodplain Management Legislation and Policy*				NFIP/Floodplain Management
Moderator: James Mascellino, CFM, FEMA				
Scott	Edelman	PE	AECOM	Impacts of the Infrastructure Act Upon Floodplain Management
Joel	Scata	esq.	NRDC	Changing the NFIP for a Changing Climate: Update the NFIP's Floodplain Management Standards through Rulemaking
Zane	Hadzick		FEMA	Updates on the National Flood Insurance Program (NFIP) Endangered Species Act (ESA) Compliance Planning
B2: State Mitigation Initiatives*				Mitigation
Moderator: Susanna Pho, CFM, Foreunner				
Kelly	Hill		GA Department of Natural Resources	Innovative Flood Resilience Tools for Local Governments
Diane	Quigley	AICP, WEDG	Florida Department of Environmental Protection	The Resilient Florida Program: An Unprecedented Investment in Florida's Future
Shaun	Gannon	PE, D.WRE, P.H.,	Ramboll	Resilient NY Initiative - Enabling Communities to Address Current and Future Flood Risk
B3: Coastal Modeling and Marshes*				Modeling
Moderator: Sam Hinojosa, Halff Associates				

Erin	Benford	GIT	AECOM	Study Design: Accounting for Wave, Sea Level Rise Risk for Marsh Communities
Christopher	Bender	PhD, PE, D.CE	Taylor Engineering	Coastal Storm Surge Study Innovations – Addressing Tide Phases, Transitioning Storms, and Supercharging Quality
Scott	Blossom	PE, CFM, LEED AP	Blossom Consulting and Engineering Inc.	Interdisciplinary Forward-Thinking Approaches to Floodplain and Tidal Wetland Restoration
B4: FEMA Mapping Program Showcase*				Mapping
Moderator: Krista Bethune Melnar, PE, CFM, PMP, Freese & Nichols				
David	Bascom		FEMA Headquarters	Exploring the Benefits and Multi-Program Uses of Graduated Flood Hazard and Risk Data
Alan	Johnson	PE	FEMA Region VI	Collaboration is Road to Coastal Appeal Resolution St. Tammany Parish
Laura	Algeo	PE	FEMA HQ	Exploring Opportunities for Flood Hazard Inventory Expansion
B5: Risk: Behavior and Perception*				Risk Communication
Moderator: Jeremias Alvarez, PMP, CSM, Guidehouse				
Kristin	Murphy	ICAgile Certified	Booz Allen Hamilton	Garnering Public Support for Climate Adaptation in the Face of Uncertainty
Sweta	Chakraborty	PhD	We Don't Have Time	COVID-19 to Climate Change: Effective Communication for Behavioral Change
Ronda	Oberlin Nowak	CFM, CEM	Michael Baker International	The Economics of Emotion: Understanding the cost of risk reduction
B6: Toward Equitable Floodplain Management				Equity
Moderator: Elise Ibendahl, PE, PMP, ENV SP, F.ASCE, CFM, Jacobs				
Rhonda	Montgomery	CFM	FEMA	Identifying Barriers to Accessing NFIP Resources
Jessica	Ludy	CFM	US Army Corps of Engineers	Bridging the Equity Gap: Flood resilience for the whole community
Mike	Onufrychuk	PMP, CFM	AECOM	Incorporating Environmental, Social, and Governance (ESG) Principles into Flood Mitigation Projects
B7: Local Climate Change Initiatives*				Climate Change
Moderator: Matt Lyttle, Guidehouse				
Claire	Jubb	AICP, CFM	Charlotte County Board of County Commissioners	Climate Change – Taking a Regional Approach to Resiliency
Christian	Kamrath	CFM	Miami-Dade County	Localizing Planning for Sea Level Rise: The Little River Adaptation Action Area
Renee	Collini		PLACE: SLR	Sea-Level Rise: Turning Uncertainty into Action
B8: True Flood Risk Showcase				Showcase
				New tools & technologies to advance floodplain management and risk communications
Session C (Tuesday, May 17 - 3:45PM-5:15PM)				

C1: Local CRS Administration*				NFIP/Floodplain Management
Moderator: Angelia Crowther, Utah Div. Emergency Mgmt.				
Chris	Hill	GISP, CFM	Meshek & Associates, LLC	CRS and GIS: The Perfect Marriage?
Joanna	Colletti	PE, CFM	McHenry County Dept. of Planning & Development	Participation in CRS with Minimal Staff and a Shoestring Budget
Lori	Lehr	CFM	Lori Lehr Inc.	Monroe County, FL: Sustainability Planning, the Bridge to CRS Class 3
C2: FEMA Hazard Mitigation Assistance: Programs and Improving Your Grant App				Mitigation
Moderator: Michelle Gonzales, CFM, Jefferson Parish, LA				
Ryan	Janda		FEMA	New FMA Initiative Pilot: Overview and Stakeholder Feedback Session
Eric	Kenney	PE, PMP, CFM	CDM Smith	Best Practices for Application Development - Observations from the FY21 BRIC and FMA Application Cycles
Jamelyn	Trucks	CFM, PMP	Atkins	BRIC - Lessons learned and Recommendations for Process Improvement
C3: Incorporating Groundwater and Water Quality into Flood Modeling*				Modeling
Moderator: Mike Moya, PE, CFM, Halff Associates				
Francisco	Peña	PhD	Florida International University	The Importance of Surface-Subsurface Water Interactions in Low Elevation Coastal Zones
Reinaldo	Garcia		Hydronia LLC	A Coupled Overland-Sewer 2D Hydraulic Model with Pollutant Transport
Rehal	Kharel	EIT	Wood	Fall and Rise of the Santa Fe River
C4: BLE Mapping*				Mapping
Moderator: Bob Davies, PE, CFM, Wood				
Patrick	Dobbs	PE	Stantec	The Evolution of BLE
Jared	Newell	CFM, GISP	CDM Smith	Large Scale 2D BLE Mapping: Best Practices, Case Studies, and Regional Nuances
Manuel	Razo	GISP, CFM	Texas Water Development Board	Mapping the State of Texas
C5: Understanding and Reaching Your Target Audience*				Risk Communication
Moderator: Ben Pylant, PE, CFM, Halff Associates				
Shonda	Mace		Community Development & Revitalization Department, Intergovernmental Relations of the Texas General Land Office	Best Practices for Outreach Across Four Regions in Texas
Tony	Mendes	CFM	FEMA R8	Using Social Intelligence and Artificial Intelligence to Better Understand the Audience
David	Betenbaugh	CFM	CSS, Inc. (on contract for NOAA's Office for Coastal Management)	Reaching Elected Officials - A New Visualization Tool for Community Resilience
C6: Designing Natural Functions into Floodplain Restoration Projects*				NBF

Moderator: Traci Sears, CFM, Montana Dept. Nat. Res. & Consvn.				
Sarah	Kessler	CFM	City of Clearwater	Natural and Beneficial Functions of Man-Made Wetland and Mitigation Sites
Garland	Pennison	PhD, PE	HDR	Intermodal Rail Logistics Park Preserves Floodway with Ecological Conservation Corridor
Guillermo	Simon	PE, CFM	Halff Associates, Inc.	Creating Environmental and Community Resiliency through Stream Restoration
C7: Local Stormwater Initiatives from Coast to Desert				Stormwater Management
Moderator: Jack Hampson, MIAM, CFM, Atkins North America				
Millicent	Cowley-Crawford	PE, CFM	Woodard & Curran	Rivers of Opportunity – Upper Petaluma River Watershed’s Plan for Stormwater Management
Kevin	Hart	P.E., CFM	South Broward Drainage District	Sluice Gate Benefits/Climate Change Impacts/Tropical Storm Eta Recap
TBD				
C8: Dewberry Showcase				Showcase
				“Resilience in Motion: How Vision, Innovation, and Fortitude Drive Resilience Actions”
Session D (Wednesday, May 18 - 10:30AM-Noon)				
D1: Compliance and Enforcement*				NFIP/Floodplain Management
Moderator: Conn Cole, CFM, Florida Div. Emergency Mgmt.				
Sarah	Owen		FEMA	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)
Becca	Fricke-Croft	CFM	Atkins	Making Elevation Certificate Review Easy
Mike	Graham	CFM	Smart Vent Products Inc	Flood Venting 101
D2: Floodproofing and Retrofitting*				Mitigation
Moderator: Laura Kelliher, CDM Smith				
Louie	Greenwell	GISP, CFM	ASFPM	Flood Mitigation Certification Program Spotlight
Manny	Perotin	PE, PMP, CFM	CDM Smith	Evolving Dry Floodproofing
Aditya	Bhagath	PE, CFM, WEDG	Thornton Tomasetti	A Climate Resilience Approach to Building Retrofits
D3: Modeling and Flood Forecasting*				Modeling
Moderator: Robert Wilkison, OST				
Shane	Putnam	PhD	Dewberry	Floodcast: Providing realtime flood forecast information to DOT’s and beyond for emergency response
Warren	McKinnie	PE, CFM	Streamline Technologies, Inc.	Repurposing HEC-RAS Models for Flood Forecasting Purposes in Mecklenburg County, NC
Jennifer	McGee	PE, CFM, GISP	Wood PLC	Flood Forecast Alerting based on NOAA’s National Water Model

D4: State CTP Showcase*				Mapping
Moderator: Aaron Carranza, PE, CFM, North Dakota Dept. of Water Resources				
Riegel	Rucker	PE, CFM	AECOM	Colorado 2D Consortium: Strategies and Lessons Learned from Interagency Collaboration
Steve	Story	PE, CFM	Montana DNRC	How to Design, Build, and Manage a Robust CTP Contractor Ensemble
Vikram	Shrivastava	PE, PMP, D.WRE,	Atkins	Bottom-up approaches to FIMA's Four-Legged Stool
D5: Decision Support Tools*				Risk Communication
Moderator: Kristen M. Martinenza, PE, CFM, FEMA, Region IV				
Jenna	Moran		ASFPm	Hold 'em or fold 'em: Decision-making tools and resources for flood mitigation
Doug	Marcy		NOAA	NOAA's Experimental Potential Coastal Flood Impact Mapping for Effective Decision Making
Ron	Langhelm		Science & Technology Directorate, U.S. Department of Homeland Security	Research-Based Pilot Projects to Increase Flood Resilience
D6: USACE Levee Session*				Dams & Levees
Moderator: Mike Hanke, PMP, CFM, CDM Smith				
Tammy	Conforti	PE	US Army Corps of Engineers	National Levee Safety Program: The Future of Reducing Disaster Suffering and Improving Community Resiliency
Jamie L.	McVicker	PE	US Army Corps of Engineers Levee Safety Center	National Levee Safety Guidelines: A Resource for Achieving Nationwide Consistency
Brian	Vanbockern		US Army Corps of Engineers	National Levee Database & Data Collection: Supporting Levee Management Decisions
D7: Local and State Watershed Management Initiatives				Watershed Management
Moderator: Kelli DeFedericis, CFM, City of Marco Island				
Christine	Mehle	PE, CFM, ENV SP	Wood	A Comprehensive Watershed Management Plan Aimed at the Rehabilitation of a Culturally Significant Urban Creek and Bayou in the Heart of Pensacola, FL
LaKesha	Hart		Louisiana Office of Community Development	Snapshot of the Louisiana Watershed Initiative
Jason	Evans	PhD	Institute for Water and Environmental Resilience, Stetson University	Watershed Management Planning in the Coastal Environment: Recent Lessons from the Florida Keys and Coastal Georgia
D8: Wood Showcase				Showcase
				Free the Data to Mange Risk and Improve Resilience
1. The path of developing 2D flood risk data sets for the historically 1D NFIP regulatory process – Building models for the Future and Beyond.				
2. Frustrated with only providing great Flood Risk Data Set Impacts – Develop Flood Resilience Blueprints One Community at a Time.				
3. 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.				
Session E (Wednesday, May 18 - 1:30PM-3:00PM)				

E1: State Floodplain Management Initiatives*				NFIP/Floodplain Management
Moderator: Tara Lanzrath, CFM, Kansas Dept. Agriculture				
Elijah	Kaufman	CFM	Nebraska Dept. of Natural Resources	160 CACs in 6 Months: How to Streamline Your Community Assistance Process
Rebecca	Jones	CFM	New Jersey Department of Environmental Protection	Leveraging the NFIP for Resiliency: New Jersey's Strategies for Effective Equitable Climate Change Adaptation
Doug	Wagner	CFM	Indiana Department of Natural Resources	Indiana's New Floodplain Information Portal
E2: Local Mitigation Case Studies*				Mitigation
Moderator: Richard Flood, CFM, FEMA, Region IV				
Adam	Short	CFM, AICP, CZO	Lenoir County & City of Kinston	Local Government Perspectives on Buyout Programs
Maggie	Talley	CFM	Jefferson Parish	Mitigation Successes/Failures - Post-Ida Mitigation Assessment in Jefferson Parish
Jason	Bird	CFM	Jacobs	Tyndall Air Force Base – Coastal Flood Mitigation Approach for Future Military Bases
E3: Compound Flooding: Modeling Coastal and Inland Interaction*				Modeling
Moderator: Brian Caufield, PE, D.CE, PMP, CFM, CDM Smith				
Jim	Keith	PE, CFM	Freese and Nichols, Inc.	When Every Minute Counts: Real-Time Forecasting During the Storm
Noemi	Gonzalez Ramirez	PhD	FLO-2D Software, Inc.	A Comprehensive Model to Develop Mitigation Plans for Extreme Flooding Events in Coastal Urban Areas.
Patrick	Kerr	PhD, PE	U.S. Army Corps of Engineers Galveston District	Advancements in Compound Flood Risk Analysis and Application for the Texas Coast
E4: Local Flood Warning System Innovations				Warning Systems
Moderator: Lori Schrader, PE, CFM, Stantec				
Andrew	Yung	PE, CFM, D.WRE	Walter P Moore	Flood Warning Systems: One Size Doesn't Fit All
Juliette	Murphy	PE	FloodMapp	Real-time Flood Modeling for Live Traffic Routing using Waze
Liv	Haselbach	PE, PhD, BCEE	Lamar University	Case Study on Low-Cost Flood Sensor Deployment in Southeast Texas
E5: Communicating Risk through Art, Technology, and Youth*				Risk Communication
Moderator: Dan Horner, CFM, NiyamIT				
Tony	Mendes	CFM	FEMA R8	ArtWorks: Connecting art with mitigation in a new FEMA initiative
Daniel	Gwartney	GISP, CFM	Wood	Using Augmented Reality to Communicate Flood Risk & Risk Management Solutions
				RISE Challenge: A Replicable Model for Youth Engagement
E6: Pursuing Equitable Floodplain Management in Your Community*				Equity
Moderator: Gib Jones, PE, CFM, Dewberry				
Kelly	Keefe	CFM	AECOM	Blight or Flight? Establishing a Toolkit to Combat Social Injustice While Building Resilient Communities
Alyxandra	Colgan		Guidehouse	Leveraging Open-Source Data to Drive Equitable Communication Development

Katrina	Tavanlar		Booz Allen Hamilton	Holding up the Mirror: Conducting Equity Diagnostics and Building a Reflective Culture
E7: Navigating the Post-Disaster Substantial Damage Process*				Post-Disaster
Moderator: Jason Hunter, CFM, FEMA, Region IV				
Celinda	Adair	CFM	Oregon DLC	Substantial Damage for "Safer" Communities Where Disaster Doesn't Strike Often
Adrienne	Sheldon	PE, CFM	FEMA	Getting Ahead of the Next Disaster: Additional Resources for Meeting Your Post-Disaster Requirements
Molly	Kaput		FEMA	Navigating DRR 1206 Post-disaster Resources
E8: Coastal Information and Data				Coastal
Moderator: Roy McClure, CFM, FEMA, Region IV				
Doug	Marcy		NOAA Office for Coastal Management	New Coastal Inundation Information and Services Coming to Address Climate Timescales
Daniel	Tomczak	CFM	Jacobs Engineering	Correlating Water Level Observations Reported during King Tides with Spatial Inundation through Aerial Photography
Erin	Hague	CEP, ENV SP	Tetra Tech, Inc.	Natural Design Enhancements for Wave Attenuation and Storm Surge Mitigation
Session F (Wednesday, May 18 - 3:30PM-5:00PM)				
F1: Highlighting Local Higher Regulatory Standards*				NFIP/Floodplain Management
Moderator: Angela Davis, CFM, Virginia Dept. of Conservation & Recreation				
Victor	Ukpolo	CFM	DC Department of Energy & Environment	Falling Rain, Rising Standards – Climate-Informed Updates to Floodplain Regulations in Washington, DC
James P.	Colgate	Esq., AIA, CFM	Bryan Cave Leighton Paisner LLP	Rising Waters, Higher Standards: New York City's Recently Enacted Floodplain Ordinance
Vince	DiCamillo	PMP, CFM	Stantec	The Next Generation of Floodplain Management Regulations: Incorporating Additional Types of Flooding, Climate Change, and Watershed Development.
F2: Risk Assessment and Mitigation Option Tools				Mitigation
Moderator: Timothy J. Trautman, P.E., CFM, Mecklenburg Cnty., NC				
Eliza	Ledwell	CFM	Niyam IT	Evaluating Mitigation Options – Which One is Worth it?
Patrick	Heck	CSM	Guidehouse	Evaluating our Readiness through Geospatial Intelligence Solutions - Case Studies in Risk Analysis
Andrea	Jackman	PhD	ABS Group	Exploring Open Source Alternatives to Hazus Flood
F3: Academic Research in Mitigation and Flood Impacts*				Mitigation
Moderator: Jeff Crump, PE, Moffatt & Nichol				
Carrie Beth	Lasley	PhD	TBD	Parks: Hazard Mitigation Tool or Economic Development Boon?
Holly	Davies	LMSW, MBA	Graduate College of Social Work, University of Houston	Evaluating Mental Health Risk Factors in Hurricane Survivors
Megan	Sipos		York University	Climate Change, Ecosystem Loss & Disaster Risk: A Case of Burlington, Ontario
F4: Modeling Complex Systems*				Modeling

Moderator: Jennifer Aldridge, EI, CFM, City of Panama City, FL				
Garrett	Johnston	PE, CFM	Freese and Nichols, Inc.	Leveraging Local Data to Prioritize Texas Flood Modeling
Samuel	Acosta	PE, CFM	HDR	Old Meets New: Combining Tradition with Innovation to Catalyze Change
Rachel	Pichelmann	PE, CFM	SEH Inc	Modeling Rush to Resiliency – A Minnesota 2D CLOMR Story
F5: Predictive & Real-Time Inundation Mapping*				Mapping
Moderator: Eric Grizzle, OST Global				
Namrata	Batra	PE, CFM	Atkins	Emerging Role of Big Data for Climate Change and Flood Hazard Analyses
Brandon	Wong		Hyfi	Real-time Inundation Maps Using New Sensor Data: Case Studies from Great Lakes Watersheds
Jason	Elliott		NOAA/National Weather Service	Moving Toward Near-Real-Time Forecast Flood Inundation Mapping Services in the Northeast U.S.
F6: Risk Perception and Understanding*				Risk Communication
Moderator: Robert Wilkison, OST Global				
Matt	Lyttle		Guidehouse	It Won't Happen to Me! Perceptions of household flood risk in America
Dina	Bautista	PE, CFM	AC Disaster Consulting	What Does Your Flood Zone Really Mean?
Kim	Dunn	PE, D.WRE, CFM	T&M Associates	Combating Misperceptions About Flood Magnitude
F7: Advocating for Natural Floodplain Functions				NBF
Moderator: Caroline Roberts, Jacobs				
Stuart	Adams	EI, CFM, ENV SP	Stantec	Save Guilford Woods - Community Advocacy for Its Natural and Ecological Benefits and Functions to Reduce Flooding.
Shannon	Cunniff		Environmental Defense Fund	Nature-based Solutions for Flood-Induced Chemical Risk Reduction in the Galveston Bay
Christine	Clayton	PE, CFM	San Antonio River Authority	San Pedro Creek Culture Park: Turning a Flood Control Project into A World Class Linear Park
F8: Guidance for Local Stormwater Management Programs*				Stormwater Management
Moderator: Ed Dickson, PE, CFM, Freese & Nichols				
Jennifer J.	Walker	PE, D.WRE, ENV SP	Watearth	Creating and Maintaining Resilient Stormwater Infrastructure
Warren	Campbell	PhD, PE, CFM	Western Kentucky University	Stormwater Fees: The Good, the Bad, and the Ugly
Maria	Neeland	PE, CFM	Wood Environment & Infrastructure Solutions, Inc.	Utilizing 2D Modeling in Stormwater Management and Master Planning
Session G (Thursday, May 19 - 10:30AM-Noon)				
G1: CRS - National and Regional Focus*				NFIP/Floodplain Management
Moderator: Bruce Bender, CFM, Bender Consulting Svcs., Inc.				
Rachel	Sears		FEMA	CRS Next: What We've Heard and Where We Go Next
Jesse	Gourevitch	PhD	UC Davis	Effectiveness of the Community Rating System in reducing flood damages
Mary-Carson	Stiff	CFM	Wetlands Watch	Growing the CRS in Virginia: Local Government CRS Program Evaluation Trainings

G2: International Floodplain Management				NFIP/Floodplain Management
Moderator: Richard S. Flood, CFM, FEMA Region IV				
Alejandro	Riano	PE, CFM	AECOM	COVID 19 Pandemic impacts on disaster events in Latin America and the Caribbean
David	Powers	PE, PH, D.WRE, C	CDM Smith	Flood Risk Management and Disaster Recovery in Mexico: Past, Present, and Future
Erin	Hughes	PE	Solidarity Engineering	Flood Recovery in Indigenous Communities of Central Guatemala
G3: Resiliency and Climate Adaptation Planning*				Mitigation
Moderator: Celinda Adair, CFM, Atkins North America, Inc.				
Scott	Choquette	CFM	Dewberry	Integrating Hazard Mitigation and Climate Adaptation Planning in Frederick County, MD
Bob	Freitag	CFM	Institute for Hazard Mitigation Planning and Research, University of Washington	Exploring a Community's Quest for Resilience: Struggling with Past Plans
David	Stroud	CFM	Wood	From Hazard Mitigation Planning to Resiliency Planning: A Logical Next Step in Rocky Mount, NC
G4: New Approaches to Hydrologic Data and Analysis*				Modeling
Moderator: Sarada Kalikivaya, PE, PMP, CFM, Atkins North America				
Ana	Simões	Ph.D., PH, CFM	STARR II / ATKINS	Don't Judge a Flood by Its Peak: Hydrologic Considerations for 2D Hydraulics
Vahid	Zahraeifard	PE, CFM	Atkins- Member of SNC-Lavalin	Can HEC-RAS Be a 'One Stop Shop'?
Kaveh	Zomorodi	PhD, PE, CFM	Dewberry	1-percent-plus Discharge for Flood Resiliency and its Relationship with 1-percent Discharge
G5: Advancing Flood Risk Communication & Outreach Platforms*				Mapping
Moderator: Jack Hampson, MIAM, CFM, Atkins North America				
Marc	Pearson	GISP, CFM	Stantec	Is this Heaven? No, it's the Iowa Digital Platform
Katie	Shank	CFM	Montana Department of Natural Resources and Conservation	Flood Risk Under the Big Sky
Todd	Ward	PE, CFM	Harris County Flood Control District	What's Next: Management of the Modeling, Assessment, and Awareness Project (MAAPnext)
G6: Mapping for Risk Communication*				Risk Communication
Moderator: Marissa Bartus-Dobson, Guidehouse				
Shannon	Hulst	CFM	Barnstable County Cape Cod Cooperative Extension / Woods Hole Sea Grant	Storm Tide Pathways on Cape Cod: Mapping, Use, and Outreach
Cayla	Dean		NOAA	Understanding User Needs for Coastal Flooding to Improve Resilience: NOAA's Evolving Water Information
Kathleen	Fallon		New York Sea Grant	Telling the Story of Local Flood Risk to Improve Resilience

G7: Planning for Dam and Levee Risk Management				Dams & Levees
Moderator: Brad Winters, P.E., CFM, CDM Smith				
Edward	Beadenkopf	PE, CFM	Atkins	CTA- Collaborative Approach to Understanding and Planning for Dam Risk on a Watershed Level
Randall	Behm	PE, CFM	Behm Hazard Mitigation, LLC.	Flood Risk and Environmental Benefits from Setting Levees Back from the River
Rebecca	Appleford	CFM	JEO Consulting Group	Preparing for Failure: How Levee Emergency Preparedness Plans Reduce Risk
G8: Understanding and Planning for Climate Change*				Climate Change
Moderator: Darryl Hatheway, CFM, AECOM				
Christine	Gralher	PE, CFM	Stantec	Climate Driven Changes in Frequency and Intensification of Extreme Weather Events, Perception or Reality? – A Synoptic Literature Review
Siamak	Esfandiary	PhD, PE	Dewberry	The State of Climate Knowledge: An Overview and Update for Floodplain Managers
Paul	Robinson		Jacobs	A Path to Flood Resilience in a Changing and Uncertain Climate
				Session H (Thursday, May 19 - 2:00PM-3:30PM)
H1: No Adverse Impact Legal Guide: A Resource for Floodplain Managers*				NFIP/Floodplain Management
Moderator: Ceil Strauss, CFM, Minnesota Dept. Natural Resources				
Terri	Turner	AICP, CFM	Planning & Development Dept.	No Adverse Impact How-To Guides and Legal Guide to Flood Risk Management
			Program for Resource Efficient Communities, University of Florida	
Jerry	Murphy	JD, AICP, CFM		Making the Case for a No Adverse Impact Approach to Floodplain Management
Thomas	Ruppert	Esquire	Florida Sea Grant	Constitutional Law and Property Protections in Floodplain Management
H2: Mitigation Partnerships*				Mitigation
Moderator: Russell Koff, AICP, Jacobs				
Kayed	Lakhia	AIA, NCARB, LEED	Federal Emergency Management Agency	Leveraging Federal Funding and Partnerships to Support Community Resilience
Jeanne	Hornsby	MS, PE, CFM	C.H. Fenstermaker & Associates, L.L.C.	Execution of Flood Mitigation Projects through Private-Public Partnerships
Kelly	Pflicke	AICP	FEMA FIMA	Building Community Resilience through Partnerships: FEMA's Guides to Expanding Mitigation
H3: 2D & Dynamic Modeling Solutions*				Modeling
Moderator: Mark Pauls, CFM, Freese & Nichols				
Siamak	Esfandiary		Dewberry	Pluvial Flood Hazard Assessment using 2D Rain-on-Grid Models: Faster, Cheaper, and Ready for Prime Time
Jordon	Cheifet	PE, CFM	Cummins Cederberg, Inc.	Static vs. Dynamic Sea Level Rise Inundation Mapping in Hollywood, Florida
Ataul	Hannan	PE, CFM	HCFCF	FEMA Floodway Boundaries Solved for Any Unsteady Modeling
H4: Unique Challenges to Analyzing Rainfall and Runoff				Modeling

Moderator: David Sutley, PE, Dewberry				
Michael	Schultz	CFM, GISP	CDM Smith	GIS Tools for Post-Wildfire Hydrologic Analysis
Gamal	Hassan	PE	HWR	Adaptive Flood Mitigation Techniques
Zachary	Ranstead	PE, CFM, LEED-A	T&M Associates	Cloudburst Analysis - Forecasting, Tools and Methods
H5: Future Conditions & Flood Risk Mapping Products*				Mapping
Moderator: Adam Lucas, Guidehouse				
Justin	Vandever	PE, PMP	AECOM	Leveraging Probabilistic Flood Risk Data to Develop Climate-Informed Future Flood Risk Data for Communities
Elena	Drei-Horgan	PhD, CFM	AECOM	Leveraging Coastal Risk MAP Non-Regulatory Products to Enhance Community Flood Resilience and Achieve the Administration's Goals
Sarada	Kalikivaya	PE, CFM, PMP	Atkins North America	The Best Available Science: A Roadmap to Future Conditions Flood Hazard Mapping
H6: Communication about Nature-based Resilience*				Risk Communication
Moderator: Lori Ann Laster, PE, CFM, Papio Missouri River NRD, NE				
Ashby	Worley	CFM	The Nature Conservancy	Resiliency Implementation Planning in Coastal Georgia: Assessing Risks and Incorporating Nature-Based Infrastructure
Tom	Jacobs	PE, CFM	City of Lenexa, KS	How Goats Can Help Floodplain Managers Educate the Public About the Natural and Beneficial Function of Streams and Riparian Corridors
Jane	Thompson	CFM, GISP	AECOM	Nature-Based Solutions: Achieving Sustainable Water Resources Infrastructure by Implementing Engineering With Nature Principles
H7: Strategies for More Equitable Floodplain Management*				Equity
Moderator: Garrett Skinner, PMP, CFM, CDM Smith				
Robyn	Williams	CFM	Texas Water Development Board	Equitable Alternatives to the Traditional Benefit-Cost Analysis
Heather	Hilliard	CEM, CFM	IEM	Place-Based Inequality: How Its Persistence Impacts Floodplain Management
JaQuisha	Hudson	APR	Ogilvy	Driving Change by Creating an Equitable Experience
H8: Post-Harvey Statewide Flood Reduction Initiatives in Texas				Post-Disaster
Moderator: Veronica Villalobos-Pogue, CFM, Texas Water Dev. Board				
Shonda	Mace		Community Development & Revitalization Department of the Texas General Land Office	A Story of State-Focused Regional Flood Mitigation
Tyler	Payne	PMP	Community Development & Revitalization Department of the Texas General Land Office	Empowering Decision Makers in Texas with Information They Want

Reem	Zoun	PE, CFM, ENV SP	Texas Water Development Board	Updates on Texas's First Ever Statewide Flood Planning Effort
Session J (Thursday, May 19 - 4:00PM-5:30PM)				
J1: Local FPM Programs and Processes*				NFIP/Floodplain Management
Moderator: Paul Robinson, Jacobs				
Lisa	Foster	CFM	Pinellas County Government	Beyond the FIRM, Using Best Available Data for Best Floodplain Management Practices
Lisa	Biggs	PE, CFM	City of Fort Worth	Continuing to Work Together to Simplify Permitting in the Trinity River Corridor
Joel	Paulsen	PE	Metro Flood Diversion Authority	The FM Area Diversion: Navigating NFIP Requirements on a Large Regional Flood Control Project
J2: Nature-Based Mitigation Policy and in Practice*				Mitigation
Moderator: Mitch Paine, CFM, FEMA, Region X				
Sarah	Murdock		The Nature Conservancy	Once in a Generation Federal Funding Opportunity to Enhance Community Resilience
Lauren	Dozier	CFM	Hagerty Consulting	Mitigation: Coast to Coast
Ashley	Hoke		Niyam IT inc.	Measuring the Risk Reduction Benefits of Coral Reef Conservation: The Importance of Nature-Based Solutions
J3: Local Case Studies of Prioritizing Mitigation Actions				Mitigation
Moderator: Amit Sachan, PE, CFM, Atkins North America				
Aashka	Patel		FernLeaf	Integrating Social Equity into Flood Resilience: A New Hanover County, NC Case Study
Tom	Morey	RS, CFM	Stantec	Resilience Planning and Structure Specific Mitigation Benefit Estimating
Alicia	Lanier	PE, CFM	City of Fayetteville, Public Services	Building a Watershed Master Plan Program for Flooding Resiliency - From the Ground Up
J4: 2D Modeling: Large Scale and Rain-on-Grid*				Modeling
Moderator: Swamy Pati, PE, CFM, Jacobs				
William	Zung	PMP, CFM	Stantec	Lower Missouri River: Flood Risk Data for the Future
Mitchell	Blum	PE, CFM	HDR Engineering Inc.	Using 2D Rain on Grid Modeling for Rapid Emergency Response Flood Mapping
Meredith	Miller	EIT, CFM	AECOM	Challenges with 2D Rain on Mesh (RoM) and Detailed Studies for Communities
J5: Mapping Tools and Processes*				Mapping
Moderator: Eric Grizzle, OST				
Jamie	Hughes	GISP	CDM Smith	LOMC Revalidation Best Practices
Andrew C.	Reicks	CFM, GISP	CDM Smith	2D Models to Maps: Understanding Variability Between Different Mapping Methods
David	Mummert		Michael Baker International	eLOMA – A Collaborative Tool for Licensed Professionals, Communities, and FEMA
J6: Climate Change and Risk Communicaiton*				Risk Communication
Moderator: Alyx Colgan, Guidehouse				
Marcia	Tobin	AICP	AECOM	To Infinity and Beyond: Managing Flood Risks Now and Into the Future
Dan	Rizza		Climate Central	Tools and Visualizations for Communicating Sea Level Rise and Coastal Flood Risk
Andrew	Medhurst		SLR/MSU/Sea Grant	Engaging Communities and Residents on Current and Future Coastal Flood Risk

J7: Natural and Beneficial Functions: How-To*				NBF
Moderator: Shandy Heil, CFM, Stantec				
Eileen	Shader		American Rivers	Developing an Action Plan for No Net Loss of Floodplain Functions
Laura	Geselbracht		The Nature Conservancy	Financing the Restoration of Mangrove Ecosystems to Protect Florida's Coastal Communities
Chris	Mack	PE, PMP, D.CE	Stantec	Application of the USACE International Guidelines on Natural and Nature-Based Features for Beaches and Dunes
J8: Professional Development				Professional Development
Moderator: Karen McHugh, CFM, Missouri Floodplain Management				
Louie	Greenwell	GISP, CFM	ASFPM	ASFPM Spotlight: The Official Guide to Taking the CFM Exam and Maintaining Your Certification
Michael	Rimoldi	CFM, CBO, MPA	Florida Floodplain Managers Association	Taking the Mystery Out of Floodplain Management Education: Providing the Right Clues for Aspiring CFMs
Geoff	Uhlemann	PE, PMP, CFM	Michael Baker	The Emerging Workforce of Programming Engineers