

Session A (Tuesday, June 25 - 10:30AM-noon)				
A1: Nature-Based Solutions in Mitigation Projects				Mitigation
Himangshu	Das		US Army Corps of Engineers	Coastal Texas Mega Project
Elise	Ibendahl	CFM, PE, PMP®, F.ASCE	Jacobs	Flooding to Renewal: Brentwood Bound Flood Mitigation
Rachel	Bradley	CFM	ICF	Strategic Planning for Co-Benefits in Flood Mitigation and Habitat Restoration in Pierce County, Washington
A2: CRS – Tracking What’s New on the National Front				NFIP
Shilpa	Mulik	CFM	FEMA	Evolving the Community Rating System
Charles	Baker		FEMA	Floodplain Administrator Roles in the CRS Discount
French	Wetmore		French & Associates, Ltd.	Working with the National Violation Tracker
A3: Storytelling as Communications				Risk Communication
Tiffany	Tupper		Resilience Action Partners	Storytelling for Community Resilience: The Role of Inclusive Partnerships
Pamela	Roach		Ogilvy Public Relations	Can Communications Pros Help Save the World? Reframing the Climate Narrative from Fear to Hope
Vince	Hancock		Resilience Action Partners	Thanks for Coming to My TED Talk: Reaching New Audiences Through Partnerships
A4: Floods After WildFires Initiatives				Arid Regions
Mathew	Mampara		Dewberry	Colorado Flood Threat Bulletin – Where We’ve Been, Where We Are, and Where We are Going
Joshua	Prettyman	PE	CRS Engineers	Cost Effective Post-Fire Mitigation Methods
Amelia	Ochsenbein	PE	Stantec	Post-Wildfire Debris Flood Risk Assessment for Alluvial Fans in British Columbia
A5: Technical Assistance and Partnerships for Equity				Equity
Molly	Sullivan	PE, CFM	American Water Works Association	Community Engineering Corps - Pro-Bono Consultants Addressing Stormwater Challenges in Underserved Communities
Jennifer	Gilbert	CFM	NH Department of Environmental Services - Coastal Program	Regional Resiliency Partnership: Integrating Future Climate Flood Risk in Vulnerable Coastal New Hampshire Communities
Bridget	Mitchell	PE, CFM	Headwaters Economics	Bridging the Gap: Empowering Flood Resilience in Underserved Rural Communities
A6: Coastal Planning for Climate Change				Climate Change
Andy	Sternad	AIA, AICP	Waggonner & Ball	High Water in the Holy City: The Charleston Integrated Water Plan

Eleanor	Rappolee		ASFPM	Water Rises, Water Falls: Scenario Planning for Changing Lake Levels and Climate Change
Millicent	Cowley-Crawford	PE, CFM	Woodard & Curran	Rising Tides, Elevating Shorelines: Effective Adaptation Roadmaps for Sea Level Rise
A7: Dam and Levee Failure Planning				Dams & Levees
Edward	Beadenkopf	PE, CFM	AtkinsRealis	Is the dam about to break- The need to update FEMA P-946
Kaveh	Zomorodi	Ph.D., PE, CFM	Dewberry	Range of Additional Levee Failure Probabilities Due to Climate Change
Nicholas	Agnoli	P.E.	Applied Weather Associates	Rapid and Simplified Flood Hazard Analysis and Mapping with the Latest Free Tools
A8: Mapping and the Federal Flood Risk Management Standard (FFRMS)				Mapping
Andrew	Martin		FEMA	Paving the Way: Data Development for Federal Flood Risk Management Standard (FFRMS) Implementation
Sarada	Kalikivaya	PE, CFM, PMP	AtkinsRéalis	In the Zone: the unique considerations of FFRMS in the Western U.S.
Shane	Putnam		Dewberry	Federal Flood Risk Management Standard: Step Away from That Desktop
A9: Innovative Modeling to Quantify the Essential Benefits of Floodplains				Modeling
Timothy	Nelson	PG, CFM	Moffatt & Nichol	Evaluating Sustainable River Management in the Atchafalaya Basin through Hydrodynamic/Ecologic Modeling
Tom	Batroney	PE, CFM	HDR	Quantifying the Socioeconomic Impacts of a Flood Prone Urban Watershed in Pittsburgh, PA
Susannah	Byrd		U.S. Army Corps of Engineers	LifeSim Evaluation of Emergency Preparedness and Life Loss at Rapid City, SD
Session B (Tuesday, June 25 - 1:45PM-3:15PM)				
B1: Local and Private Funded Resilience Programs				Mitigation
Kelli	Reddick	CFM	ICF	Fight the Flood, Lessons Learned from Miami Beach's Private Property Adaptation Program
Ryan	Mortensen	PE, CFM	Westwood Professional Services	The City of Garland has a Voluntary Buyout Program! How did they do that?
Daniel	Furman	PE	FM Global	Promoting resilience for an uncertain climate future
B2: State Floodplain Management Initiatives				NFIP
Brad	Wenskoski	CFM	NYSDEC	Climate Resilient Floodplain Management Resources for Disadvantaged Communities in New York State
Alex	VanPelt	CFM	Kentucky DOW	A Bluegrass Perspective: Moving Floodplain Management Forward in the Commonwealth
Maureen	O'Shea	AICP, CFM	ID Dept of Water Resources	Quirky Challenges of Floodplain Management in Arid Rural Idaho

B3: Equity, Engagement, and Communications				<i>Risk Communication/Equity</i>
Victor	Ukpolo	CFM	DC Department of Energy and Environment	Equity Matters: The Data Spoke, We Listened, & Engaged Meaningfully
Jordan	Hayes	PE, CFM	WSP	Giving Power to the People! Rethinking Rural Alabama Discoveries.
Pattijean	Hooper	PhD, CEM	Tetra Tech	Hazard Mitigation in 70 languages
B4: International Floodplain Management				<i>International Committee Sponsored</i>
Del	Schwalls	PE, CFM	Schwalls Consulting LLC	Floods from Down Under: Lessons Learned from the Australian Floodplain Management Conference
Martin	Boshoff	CpEng RPEQ (Australia), CEng (United Kingdom)	AECOM	Delivering major infrastructure on complex Australian floodplains – Lessons, challenges, and progress
Gavin	Lewis		Fathom	The 2023 Nova Kakhovka Dam Attack in Ukraine: Fathom case studies in Disaster Risk Reduction
B5: Integrated Floodplain Management: Designs and Case Studies				<i>NBF</i>
Sarah	Murdock		The Nature Conservancy	Floodplains By Design Accelerator: Scaling a Successful Model
Eileen	Shader	CFM	American Rivers	Integrated Floodplain Management: A Multi-Benefit Solution for States
Brian	Murphy	PE, CFM	River Network	Resilient Riverscapes: The role of integrated floodplain management in the Colorado River Basin
B6: Post-Disaster Policies and Procedures				<i>Post Disaster</i>
Gregory	Wilson		FEMA	SI/SD Desk Reference (FEMA P-758): Spotlighting Upcoming Revisions and Additions
S. Marie	Yarbrough	PE	AtkinsRealis	Planning for the Unexpected: Post-Disaster Lessons Learned in Florida
Christina	Groves	RA, CFM	Advancing Resilience in Communities (ARC)	Substantial Damage Estimator (SDE) 3.0: Best Practices
B7: MOFFATT & NICHOL SHOWCASE				
Core Principles: Supporting Non-Federal Sponsors for US Army Corps of Engineers Coastal Storm Risk Management (CSRM) Projects				
B8: LIDAR and Vertical Data for Mapping				<i>Mapping</i>
Tyson	James	PE, CFM	AECOM	Beneath the Surface: Unveiling Hidden Depths of Flood Resilience with USGS 3DNTM

Christine	Gallagher		NOAA's National Geodetic Survey	Get Your Geodetic Advice about New Vertical Datums
Cynthia	Rachol	CFM	US Geological Survey	USGS 3D Hydrography Program: A New Model for the Nation's Hydrography
B9: Leveraging Modeling for Real-Time Flood Forecasts				Modeling
Chris	Ferrari	PE CFM	GEI Consultants	San Joaquin River Hydraulic Model Development and Flood Forecast Evaluation in CA.
Jason	Regina		NOAA NWS Office of Water Prediction	A Crash Course in Accessing Streamflow Forecasts from the National Water Model
Frank	McKinnie	PE, CFM	Streamline Technologies, Inc.	Modeling Compound Flooding in Real-Time
Session C (Tuesday, June 25 – 3:45PM–5:15PM)				
C1: Demonstrating Mitigation Project Effectiveness				Mitigation
Daniel	Bass	RA, CFM	FEMA, Building Science Branch	At the Intersection of Flood Mitigation and Wildfire Mitigation: Understanding the Crossroads
Tammie	Tucker	PE, CFM, PMP, PMI-ACP	AECOM	Demonstrating the Value of Mitigation
Daniel	Bass	RA, CFM	FEMA	Recommended improvements to flood resistant design and construction requirements based on Hurricane Ian
C2: 2+ Years Later – Understanding NFIP's Pricing Approach (Risk Rating 2.0)				NFIP
Lloyd "Tony"	Hake		FEMA	The NFIP Insurance Rating Blackbox Myth (The rating factors and the premium calculation worksheet).
Lloyd "Tony"	Hake		FEMA	What the Science Tells Us about Mitigation Activities and Credits related to NFIP Insurance Rating
Bruce	Bender	CFM	Bender Consulting Services, Inc.	Risk Rating 2.0 – What Floodplain Managers Need to Know (in 30 minutes or less!)
C3: State and Federal Risk Communications Initiatives				Risk Communication
Levi	Warr	PE	California Department of Water Resources	The Flood Risk Notification Program: Notifying Residents of Their Risk of Flooding
Katelyn	Noland		U.S. Army Corps of Engineers	We Know the Risk, We Know Our Audience, We Know Our Options – Now What?
Holly	Strand		Utah Dept of Public Safety	Using a Place-Based Approach to Flood Risk Communications: An Example from Southern Utah
C4: Identifying Debris Flow Risk Through Modeling				Arid Regions
Dai	Thomas	PhD, PE	Tetra Tech	Debris Flow Modeling: Insights and Applications

Eli	Gruber	PE, PMP	CDM Smith	FEMA Outreach Success Story: Debris Flow Modeling and Mapping in Ouray, Colorado
Thad	Wasklewicz	PhD	Stantec	Variations in Debris Flow Risk During Wildfire Recovery – FEMA R8 Flood After Fire
C5: Federal Floodplain Management and Equity				Equity
Jessica	Ludy	CFM	US Army Corps of Engineers - San Francisco	It Takes a Village: How the whole-of-government can deliver environmental justice for all
Ummekulsoom	Lalani	MPP, PMP	AtkinsRéalis	Equity Considerations for Floodplain Management: Analysis of Federal Efforts and Policy Implications
Jeremy	Rice		Freese and Nichols	Great Expectations: NRCS Arkansas Program for Flood Resilience in Underserved Communities
C6: Stormwater Master Planning				Stormwater
Kevin	Chapman	PE, CFM	Hazen and Sawyer	Analysis and Planning of Flood Relief Through a Constrained Urban Watershed
Christopher Matthew	Johns	AICP, CFM, CSI	Rapides Area Planning Commission	Put Up the Pirogues Sooner: Planning for Stormwater Resilient Roadways
Adrian	Ward	PE, CFM, CPESC	Barge Design Solutions	Beyond the Boom: Tackling Stormwater Challenges in Nashville
C7: FORERUNNER SHOWCASE				
C8: Making Use of FEMA Resources for Mapping				Mapping
Tim	Spears		FEMA Contractor / Michael Baker International	Best Practices for Acquiring NFIP Data
Jamie	Hughes	GISP	CDM Smith	LOMR Considerations for the SOMA Process within a Physical Map Revision
Christina	Black		Stantec	Navigating the MIP and submitting Flood Risk Products to the MSC
C9: Coastal Modeling for Resiliency				Modeling
KC	Kent		HDR	Shishmaref's Ice Problem: How Coastal Modeling is Helping an Alaskan Community Plan for Climate Change
Garland	Pennison	PhD, PE	HDR Engineering, Inc.	Evolving Challenges for Securing Regional Resiliency along the "National Safety Valve"
James	Barbis	PE, CFM	WSP	The future is here: Developing a combined flood risk model for Wilmington, DE
Session D (Wednesday, June 26 – 10:30AM-noon)				
D1: FEMA Hazard Mitigation Assistance Programs				Mitigation

Eric	Kenney	PE, PMP, CFM	CDM Smith	Best Practices for Application Development - Observations from the FY23 BRIC and FMA Application Cycles
Zain	Dadabhoy		FEMA	Simplifying the BCA: An Overview of Recent BCA Updates
Brandon	Sweezea		FEMA	Flood Mitigation Assistance Swift Current: National Rollout
D2: Floodplain Management Regulations				NFIP
James	Mawby	CFM	T&M Associates	Compare and Contrast Federal (FFRMS) and NJ Floodplain Standards
Lauren	Hayes Knutson		HUD	The Future of Flood Resilient Housing: Implementing the Federal Flood Risk Management Standard
Becca	Fricke-Croft	PMP, CFM	AtkinsRealis	Is it an Attached Garage or an Enclosure? The definitive resource you have always wanted.
D3: Using Data in Risk Communications				Risk Communication
Peter	Herrick		Federal Emergency Management Agency	Data, Data Everywhere, But Not a Map to Link: Understanding Flood Risk Information Ecosystems through a Year of Conversations
Gregg	Bowser	PhD	Booz Allen Hamilton	Recipe for Disaster (Mitigation): Using Open-Source Data to Understand Local Flood Risks
Dan	Tools for Visualizing, Communicating, and Assess		Climate Central	New Tools for Visualizing, Communicating, and Assessing Sea Level and Coastal Flood Risk
D4: Innovations in Flood Warning Systems				Warning Systems
Ryan	Brown	PE	Autodesk	Live Modeling for Real Time Stormwater Management
Neal	Banerjee	PE, CFM	LJB, Inc.	Racing the Runoff: Applications of Using Near-Realtime Rainfall Rasters for Predictive Flood Forecasting
Brandon	Wong		Hyfi	Urgent flood response in Dearborn: A pilot on technology and public engagement
D5: Completed Projects Showcasing Floodplain Function Restoration				NBF
Jennifer	Zung	PE, CFM	Harmony Design & Engineering	Floods, Fish, and Fun! How levee setback projects successfully achieve multiple goals
Brad	Hartman	PE, P.Eng, CFM	Jacobs	Modeling Floodplain Resilience: Innovations in Fish Passage Restoration and Infrastructure Design in Washington's Aquatic Ecosystems
Peggy	Bailey	PE Colorado	Tetra Tech	Colorado River Aquatic Habitat and Agricultural Land Restoration
D6: Climate Change Modeling and Tools				Climate Change
Kathryn	Roscoe	PhD	Deltares	Who Benefits? Using FloodAdapt to Support Equitable Flood Risk Management
Somayeh	Mohammadi		Michael Baker International	Towards a Realistic assessment of Compound Flood Risk in a Changing Climate

Jordan	Branham	PhD	Argonne National Laboratory	Future Flood: Modeling changing flood risk with dynamically downscaled climate data
D7: Technological Innovations in Floodplain Management				<i>Tech & Tools</i>
Darcy	Watts		Guidehouse	Digital Twins for Emergency and Floodplain Management
Curtis	Smith	PE, CFM	Stantec	Roadmap to Resilience: Scaling Site Specific Modeling for more Realistic Watershed-Wide Planning
Arslaan	Khalid	PhD	Michael Baker International	Semantic Segmentation for Flood Mapping: Prioritizing areas of Flood Risk Assessment with Computer Vision
D8: Mapping and Communicating Flood Risk to the Public				<i>Mapping</i>
Stefan	Schaepe	PE, CFM	Nebraska Department of Natural Resources	Nebraska Real-time Flood Forecasting: A web application for visualizing imminent flooding
Katherine	Osborne	CFM	Stantec	Predicting Flooding in Our Vulnerable Communities
Maria	Cox Lamm	CFM	South Carolina Department of Natural Resources	Helping Local Floodplain Managers Evolve in an ever-changing Flood Risk World
D9: 2D Modeling & Changing Standards				<i>Modeling</i>
Laura	Algeo	PE	FEMA HQ	Updates and Advancements in 2-Dimensional Modeling Processes: FEMA's 2D IPT
Matt	Chaney	PE, CFM	AECOM	Navigating Complex 2D Floodways in Urban Environments: A Case Study
Seungho	Song	PE, CFM	CDM Smith	Order of Operations: Case Study of Rainfall-Runoff Modeling Paired with Hydraulic Data
Session E (Wednesday, June 26 - 1:30PM-3:00PM)				
E1: State Mitigation Initiatives				<i>Mitigation</i>
Yohanes	Sugeng	PE, CFM	Oklahoma Water Resources Board	Building a Firm Foundation: Increasing Resilience through Oklahoma's First State Flood Plan
Kathy	Holder	CFM, MBA	Utah Division of Emergency Management	Utah's Mitigation Direct Technical Assistance Program
Marc	Recktenwald	MPA	Division of Mitigation Services Department of Environmental Quality	North Carolina Flood Resiliency Blueprint
E2: Spotlight on Repetitive Loss Properties				<i>NFIP</i>
Anna	Weber		Natural Resources Defense Council	Losing Ground: An Update on Severe Repetitive Loss Properties
Noreen	Clancy		RAND Corporation	Repetitive Loss Properties: Property Characteristics, Community Demographics and Mitigation Strategies

David	Conrad	CFM	Association of State Floodplain Managers	Privacy Act vs. Public Access to FEMA Repetitive Flood Loss Claims Information
E3: State Risk Communication Initiatives				<i>Risk Communication</i>
Shannon	McLachlan		FEMA	Resilience Accelerator for Local Governments
Ceil	Strauss	CFM	MnDNR	Minnesota's Newer Tools and Outreach Ideas
Sidney	Huffman	PE, CFM	Virginia DCR	The Virginia Flood Risk Information System (VFRIS): Enhanced Flood Risk Data for All Virginians
E4: Mitigating Alluvial Fan Flood Risks				<i>Arid Regions/Mitigation</i>
Jamie	Huff	CFM	Utah Division of Emergency Management	Communicating Alluvial Fan Hazards, Challenges and Potential Solutions
Deborah	Neddenriep	CFM	Carson Water Subconservancy District	Flood Risk Mitigation Challenges on Alluvial Fans in a Rural County
Geoff	Brownell	PE, CFM	Kimley-Horn and Associates, Inc.	Scenic/Littlefield, AZ Alluvial Fan Analyses; Assessing Active Fan Hazards to Inform Downstream Mapping
E5: Analytics with NFIP and DHS Datasets				<i>Data</i>
Matthew	Matsuyama		FEMA	Promoting a Culture of Open Government: Recent Updates to the OpenFEMA Initiative
Doug	Bausch	CEG, PG	NiyamIT	An Exploration of NFIP Claims Data to Validate FFRD Damage Functions
Daniel	Horner	CFM	Michael Baker International	Powerful and FREE DHS Geospatial Infrastructure Data For Your State or Community
E6: State Post-Disaster Best Practices				<i>Post Disaster</i>
Jamelyn	Trucks	CFM, PMP, CGM	AtkinsRealis	Implementing Post-Disaster Floodplain 406 Mitigation – A Case Study of Hurricane Ian
Hope	Morgan	NCPLS, GISP, CFM	AECOM	Texas Water Development Board High Water Mark Project
Max	Johnson	MPA, AICP	State of Utah - Division of Emergency Management	Constructing Creative Applications To Maximize Public Assistance & Individual Assistance Opportunities
E7: FEMA/Corps National Levee Safety Program Session				<i>Dams & Levees</i>
Melissa	Mullen	PE	U.S. Army Corps of Engineers	Levee Management Guide: A New Resource for Levee Owner/Operators
Michael	Bachand	PE	U.S. Army Corps of Engineers	National Levee Safety Program: Where Have We Been and Where are We Going?
E8: Regional Mapping Initiatives				<i>Mapping</i>

Diane	Howe	CFM	FEMA Region 6	Bridging the Data Gap for Disadvantaged Communities: BLE-to-FIRM
Sean	O'Melveny	CFM	AECOM	Paper Inventory Reduction: Leveraging Base Level Engineering
Susan	Morris	CFM	AECOM	Introducing the CNMS Unmapped Inventory Baseline and Tracking FEMA Region 6 Success
E9: Utilizing Changing Rainfall Data in Modeling				Modeling
Sandra	Pavlovic		NOAA/NWS/Office of Water Prediction	NOAA's Climate Informed Precipitation-Frequency Atlas of the United States
David	Sutley	PE	Dewberry	No NOAA Atlas 14, No Problem – Applying Stochastic Storm Transposition for Wyoming BLE in FEMA Region 8
Daniel	Perry	PE	San Antonio River Authority	Westside Creeks - San Antonio's Step Toward FFRD
Session F (Wednesday, June 26 – 3:30PM-5:00PM)				
F1: Mitigation Research and Policy				Mitigation
Annika	Tomson		Association of State Floodplain Managers / Coastal States Organization	Coastal Community Management of Acquired Hazard-Impacted Property
Mary	Baker		JEO Consulting Group, Inc.	Home Elevations & Acquisitions: To Lift or Move, that is the Question.
Anna Katya	Opel	EIT, S.M.ASCE	Louisiana Tech University	Multi-Scale Flood Loss Prediction Model Developed from Experimentally Derived Material Damage
F2: CRS Success – Local Lessons Learned				NFIP
Ashley	Gordon	CFM	Dewberry	Afraid of Taking on a CRS Program for Public Information? PPI / Floodplain Management Plan Made Easy
David	Stroud	CFM	WSP USA Environment & Infrastructure, Inc. (WSP)	CRS Class 3, The Little Guys Can Also Do It!
Emir	Williams	CFM	City of San Diego	What is it Like After You Join the CRS?
F3: Not Your Uncle's Flood Risk Communication				Risk Communication
Ronda	Nowak		Michael Baker International	Unlocking Risk Communication: The New Basics of Risk Communication for Floodplain Managers
Gary	Merrick	Master Exercise Practitioner	Booz Allen Hamilton	Gamify Your Flood Risk: How Games Can Engage Your Community and Drive Mitigation
Skye	King	MS, MPH, EQCC	Ogilvy	AI-Empowered Risk Communication and Public Engagement
F4: Challenges and Benefits of Watershed Management Initiatives				Watershed Management
Ian	Grosfelt		National Association of Wetland Managers	Cohort Trainings on Integrated Watershed Management: Outcomes, Lessons Learned, and Next Steps

Guillermo	Simon	PE, CFM	Halff	Applying watershed-based planning to create community resilience in Jacksonville, FL
Carter	Hubbard	PE, CFM, D. WRE	Olsson	Charting a Course for Resiliency - Management of the Salt Creek Floodplain
F5: Mapping and Assessing Risk with an Equity Lens				Equity
Russell	Jackson		NOAA Office for Coastal Management	Helping under-resourced communities plan for resilience
Haley	Selsor		University of Georgia	Flood vulnerability: Incorporating household-level susceptibilities and capacities for equitable flood risk assessment
Madi	Pluss		FEMA Region 8	Tailoring Risk MAP support to lower-resourced communities: A pilot to empower communities to utilize their new flood hazard information and increase resiliency
F6: Nature Based Solutions and Stormwater Management				Stormwater
Anastasia	Yankopoulos		New York City Emergency Management	New York City Cloudburst Stormwater Management Network
Valerie	Swick	PH, CFM	U.S. Bureau of Reclamation	Assessing Green Stormwater Infrastructure for Stormwater Management in the Phoenix, Arizona Area
Zachary	Schmidt	PE, CFM	Kimley-Horn	The Phoenix Valley's Next Frontier of LID Applications through retrofitting
F7: State Climate Change Initiatives				Climate Change
Kelli	Higgins-Roche	PE, CFM	NYS Department of Environmental Conservation	New York State's Community Risk and Resiliency Act - Approaches for Future Riverine Flood Risk Planning
Rachel	Pichelmann	PE, CFM	Minnesota Department of Transportation	MnDOT's Road to (Hydraulic) Resiliency: An Overview of Past, Present & Future Initiatives
Rhonda	Murphy	CFM	H2O Partners, Inc.	Can we Talk About Climate Change? Addressing FEMA CAP and Mitigation Planning Requirements
F8: Streamlining Techniques of Mapping Processes				Mapping
Bradley	Binder	CFM	CDM Smith	Using Model Builder for 2D BLE in Louisiana
Tripp	Spear	GISP	WSP	Tips, Tricks and Best Practices for CNMS Linework Replacement - Strategies to Reduce Efforts While Fostering Data Integrity.
Jeremy	McClung		CDM Smith Inc.	Tips and Tricks to Simplify and Automate Creating Flood Profiles Using RASPLLOT
F9: Solutions to Complex Watershed Modeling				Modeling
Brandon	Gonzalez	PE	AtkinsRealis	A well-balanced RAS diet in Watershed Modeling
Brian	Schalk	PE, CFM	Wilson & Company	Edwards AFB 2-D H&H Analyses and Floodplain Delineation

Corbin	Bendel		Wilson & Company, Inc., Engineers & Architects	Town of Camp Verde Area Drainage Master Study
Session G (Thursday, June 27 - 10:30AM-noon)				
G1: Know the Code: Building Codes and Mitigation				Mitigation -1
Katie	Ringland	PE, CFM	AECOM	Strengthening Building Codes Against Future Flooding
Karen	Kabbes	PE, CFM	Kabbes Engineering Inc	First of Its Kind National Sustainable Infrastructure Community Standard Issued
Zach	Faulkner	CFM	Floodproofing.com	Focus on the Basics – Flood Venting
G2: Floodplain Management Compliance				NFIP
Michelle	Staff	CFM	FEMA	Floodplain Audit App - Moving Compliance into the Next Millennium
Sarah	Owen		FEMA	Ins and Outs of the Redesigned NFIP Compliance Audit Program: Overview & Demo of FEMA's New Compliance Health Tool
Stephen	Altman	PE (IL, NV, TX), CFM	Illinois Department of Natural Resources	State of Illinois-owned Properties and the NFIP: A journey towards compliance
G3: Risk Communication How-to				Risk Communication
Matt	Lyttle	PMP	Guidehouse	Clear as Mud: crafting plain language messages to increase flood awareness
Sean	McCarthy		Booz Allen Hamilton	A Primer on Public-Facing Data Visualization
Griffin	Smith		Resilience Action Partners	Be (havioral Science) the Change: Using Applied Behavioral Science to Better Communicate Risk and Support Behavior Change
G4: Modeling Flood Risk in Arid Regions				Arid Regions/Modeling
Nathanael	Vaughan	PE	JE Fuller Hydrology & Geomorphology, Inc.	Green and Ampt Infiltration in the West: Applications and a Little Theory
Benjamin	Cary	PE, CFM	Kleinschmidt Group	The Silvies River Basin- Balancing Flood Mitigation With Groundwater Regeneration
Rachel	Mares	PE, CFM	WSP	Zion National Park: Post-Flash Flood Modeling and Mitigation
G5: Natural and Beneficial Functions and Coastal Environments				NBF
Michelle	Gonzales	CFM	Jefferson Parish Government	Resilience, Redundancy, and Recreation - Construction of a Mile Long Living Shoreline in front of a Federal Levee
Luce	Bassetti	PhD, ENV SP, GISP, WEDG	Jacobs	Getting More Benefits and Equity from Integrated Solutions. Go Nature-Positive!
Meg	Goecker		Moffatt & Nichol	Using a large-scale marsh habitat restoration project to reduce Risk Rating 2.0 on Dauphin Island, Alabama
G6: Risk Assessments for Mitigation				Mitigation -2
Shanene	Thomas		FEMA Region 6	Elevate Your Risk Assessment with BLE

Nora	Nieminski	PhD	Alaska Division of Geological & Geophysical Surveys	Flood Impact Assessments to Serve Vulnerable Alaskan Communities
Casey	Zuzak		FEMA	Upcoming Updates to the National Risk Index - Inland Flood Hazard with FEMA Risk Rating 2.0 Data
G7: Planning and Design for Structural Flood/Floodplain Protection				Dams & Levees
Matthew	Redington	PE	HDR	Best Practices for a Large-Scale Levee System Survey Data Collection Program
Caroline	Jones	PE, CFM	Freese and Nichols	Illuminating Levee Outreach: Boosting Flood Risk Reduction in Disadvantaged Communities
JD	McLandrich	GISP	AECOM	Breaking Up The Banks: Willamette River Bank Protection Consequence Assessment
G8: Mapping and 2D Modeling				Mapping
Richard	Gleason	P.E., CFM	Kasraie Consulting	Floodways in 2D – How much of an increase does one foot of surcharge cause
Benjamin	Hefner		AtkinsRéalis	Problems integrating provided 2D BLE data with effective flood maps; Case Study
Cody	Garcia		CDM Smith/Compass	Federal Flood Risk Management Standard 2D Freeboard Value Analysis Mapping Approach
G9: AI, Tools & Planning for Large Scale Modeling Efficiency				Modeling
Doug	Brugger	PE, CFM	Montana Department of Natural Resources and Conservation	Floodplain Studies as Elephants: A Method for Partitioning a 485-mile Long Study Reach
William (Bill)	Katzenmeyer	PE, CFM	C. H. Fenstermaker and Associates	Leveraging AI-Assisted Scripting for HEC-RAS and HEC-HMS Automation
Reuben	Cozmyer	PE, CFM	AECOM	Using Closing Teams to Improve Project Delivery: How to keep your project from slowing down
G10: FEMA FPM Training Showcase				NFIP
Session H (Thursday, June 27 - 2:00PM-3:30PM)				
H1: Mitigation Planning				Mitigation
Cindy	Engelhardt	PE, CFM	Halff	Changing the Trajectory – Advancing Texas Flood Planning Initiatives
Jaleesa	Tate	CFM	Tetra Tech	Meeting Those Dam Requirements – Lessons on Meeting HHPD Criteria in Hazard Mitigation Plans
Jeff	Brislawn	CFM	WSP Environment & Infrastructure Inc.	NRI applications in Hazard Mitigation Planning: Practitioner Case Studies

H2: No Adverse Impact Floodplain Management				NFIP -1
Janet	Thigpen	CFM	Southern Tier Central Regional Planning & Development Board	Land Use Strategies for Managing Flood Risk: No Adverse Impact Floodplain Stewardship
Jerry	Murphy	JD, AICP, CFM	University of Florida	Avoiding Legal Pitfalls When Implementing No Adverse Impact Floodplain Stewardship Regulations
Thomas	Ruppert	Esquire	William & Mary	Legal Precedents Supporting Local Implementation of No Adverse Impact Floodplain Stewardship Programs
H3: Risk Communication Tips for Floodplain Administrators				Risk Communication
Rhonda	Montgomery	CFM	FEMA	Communicating Flood Risk
Yi	Chan	CFM	AtkinsRéalis	What's flood got to do with it?: A new course for local elected officials, taught by their own FPA
Anna	Susman		Booz Allen Hamilton	Hello? Anyone There? Take a Simple Approach to Engage a Disinterested Public
H4: Local Floodplain Management Programs				NFIP -2
Albert	Schmidt	CFM	City of Sioux Falls	A Proactive Approach to Floodplain Management using 2D BLE Models
Kristin	Owen	AICP, CFM	Henrico County	You've Adopted Higher Standards Now What?
Ferrin	Affleck	PE, PMP, CFM	AtkinsRéalis USA, Inc.	How can a small rural communities use BLE data?
H5: Case Studies in Equity				Equity
Cindy	Wirz		FEMA Region 6	Mitigation in Action Strike Team – The Next Iteration in Equity
Kristin	Smith	PhD	Headwaters Economics	Mobile Homes in Deep Waters: Strategies for Decreasing Flood Risk to Affordable Housing
Adam	Lucas		Guidehouse	Supporting Equitable Community Engagement Through Place-Based Initiatives
H6: Local Post-Disaster Lessons Learned				Post Disaster
Isabella	Causey		Charleston County	Citizen Damage Reporting Made Easy
Derek	Schriner	PE	U.S. Army Corps of Engineers	From Flooded Island to Flood Mitigation Success Story: Fremont's Partnership with USACE
Travis	Warren	PLS	Spanish Fork City	Spanish Fork River Emergency Management Response
H7: Local Climate Change Initiatives				Climate Change
Joshua	Crowley	PE, CFM, D.WRE, PMP	STARR II	Why Won't the Flood Stay in the Floodplain?
Kyle	Spencer		City of Norfolk	Advancing Pre-Disaster Resilient Norfolk Through Coastal Storm Risk Management

Jeffrey	Roth		Booz Allen Hamilton	Underwater Assets: Lessons Learned From the District of Columbia's Climate Change Simulation
H8: State and Local Mapping Initiatives				Mapping
Reem	Zoun	PE, CFM	Texas Water Development Board	Back to the future: mapping future condition flood hazard across Texas
Maria	Neeland	PE, CFM	Benesch	Leveraging a "Liberal" Partnership for Mapping Success in Kansas
Garrett	Shields	GISP, CFM	WSP USA	NC RAFT: A Resiliency Framework Helping NCDOT Prepare for Future Flood Hazards with Digital Solutions
H9: Modeling Unique Features & Problems				Modeling
Mohsen	Tahmasebi Nasab	PhD	AECOM	Complexities in Hydrologic Modeling in Cold Climate and Depression-Dominated Areas: Insights from the Red River and Missouri River Basins
Colton	Smith	PE, CFM	J-U-B Engineers, Inc.	Holy Flood! Bridge Scour and Riprap Countermeasures in Moab, Utah
Patrick	Bussen	PE, CFM	Benesch	A Case Study in Addressing Unique Drainage Issues of an Underground Tunnel
Session J (Thursday, June 27 - 4:00PM-5:30PM)				
J1: FEMA and Non-FEMA Mitigation Funding and Programs				Mitigation
Rhiannon	Kincaid	PE	FEMA	FEMA's Safeguarding Tomorrow Revolving Loan Fund Program: A New Way to Fund Mitigation Projects
Shannon	Rhoten		U.S. Small Business Administration	SBA's Expanded Disaster Efforts
Jennifer	Roberts		USACE, National Nonstructural Committee	USACE Nonstructural Case Studies
J2: NFIP and Alternatives to the NFIP				NFIP
Kara	Jacobacci	LEG	FEMA	Hyperconcentrated flood, mud flow, or debris flow? Navigating uncertain terms pertaining to the National Flood Insurance Program and flood after fire
Anna	Serra-Llobet	Dr.	University of California Berkeley	Flood Insurance Systems and Regulatory Flood Maps: What Can the US Learn from Canada, the European Union and Australia?
Allison	Heck	PhD	Federal Insurance Directorate, FEMA	Building A Financially Sustainable National Flood Insurance Program (NFIP)
J3: Research in Risk Communications				Risk Communication
Eric	Coughlin	CFM, GISP	ABS Group	A Comparison of Commercial Flood Risk Tools for Real Estate End Users: Free and Open Data from the Private and Public Sectors
Sarah	Devaney-Ice		FEMA	Using Research and Behavioral Insights Related to Flood Insurance to Increase Co
Karyn	Reid	CFM	Virginia Department of Conservation and Recreation	Why is Flood-Risk Communication being ignored by the public?

J4: Designing Infrastructure in Arid Regions				<i>Arid Regions</i>
Darren	Hinton	PE, PhD	NHC	Benefits of Alternative Culvert Design Methods in Arid Environments
Megan	Frye	PE	FHWA	Design Considerations for Transportation Infrastructure Subject to Wildfire-Induced Flooding
Ben	Rood	PE, CFM	WSP	Difficulties of Owning, Operating and Maintaining a Levee in an Arid Region
J5: Benefits and Co-Benefits of Natural Floodplain Functions				<i>NBF</i>
Ashley	Hoke	MA in Applied Geography & Geospatial Sciences	NiyamIT	Mapping the Risk Reduction Benefits of Coral Reef Conservation – Hawai'i Case Study
Emily	Donahoe	J.D.	National Wildlife Federation	Versatility of Nature-Based Solutions: Protections and Benefits from the Parcel to Community Scales
Colin	Vissering	AICP CFM	Vissering Consulting Group	Expanding ecological benefits when evaluating nature-based flood reduction projects
J6: Innovative Tools and Ideas for Stormwater Management				<i>Stormwater</i>
Kirsten	Heerding	EIT	Kimley-Horn	Integration of Advancing Transportation Infrastructure with Stormwater Management Techniques
Joanna	Colletti	PE, CFM	GRAEF-USA, Inc.	River Trail School's Agricultural Program: Urban Forest & Stormwater Reuse
Mehedi	Tarek	PhD	Streams Tech, Inc.	Building Flood Resilient Cities: An Analysis of Causes, Risks and Mitigation Options
J7: Modeling for Mitigation & Design				<i>Modeling-2</i>
Matthew	Zelin	PE	Hazen and Sawyer	A Blueprint for Flood-Resilient Communities: Using Modern Tools to Identify and Prioritize Solutions
Rameez	Qureshi		Freese and Nichols	Modeling Benefits to Habitation for Improved Flood Mitigation Project Analysis
Ashikur	Rahman	PE, CFM, ENV SP	Michael Baker International	High Level Coastal Flooding Analysis Using HEC-RAS
J8: Coastal Mapping				<i>Mapping</i>
Heather	Zhao	PE, CFM, PMP	AECOM	FFRMS Coastal FVA Challenges and Solutions
David	Betenbaugh	GISP, CFM	CSS (working on contract for NOAA's Office for Coastal Management (OCM))	High Resolution Land Cover for Coastal U.S. (and Beyond): What Can It Do for You?
Christina	Lindemer		FEMA	From Pilots to Prototypes: Progress on FFRD Dataset Conceptualization over the F
J9: Evaluating Data Uncertainty in Modeling				<i>Modeling-1</i>

Timothy	Stephens	Ph.D., P.E.	Dynamic Solutions, LLC	Quantifying flood protection reliability with uncertainty and nonstationarity
Sanjay	Negi	PE, PMP, CFM	WSP	Extracting Streams from DEM using Deep Learning and the ArcGIS Python API
Brandon	Palin		Ecopia AI	Enhancing Statewide Flood Resilience and Equity - Leveraging Geospatial Data for Advanced Hydrological Modeling
J10: ASFPM Showcase				