

# ASFPM 2018 DRAFT CONCURRENT PROGRAM

## Session A (Tuesday - 10:30AM-12:00PM)

### A1: Real Time Modeling

Modeling

John	Pritchard	PE, CFM	Wood Rodgers, Inc.	Integrating Social Vulnerability and Flood Safety Modeling
				Improving the Flood Intelligence for the Sacramento River System using the California-Nevada/National Weather Service Flood Forecast Data
Chris	Ferrari	PE, CFM	GEI Consultants	Real-Time Flood Forecasting in Nashville, TN using HEC-RTS
Brantley	Thames	PE - TN	USACE	

### A2: Large Scale Assessments of Mitigation Options

Mitigation

		CFM, AICP,		
Caroline	Cunningham	ABCP	Stantec	Go, Collaborate, and Mitigate! Coordinated Solutions Floodplain Management and Risk Reduction
Geoff	Brownell	PE, CFM	Michael Baker International	Hazus – More Than a Loss Estimator -- Using Hazus as a tool for Drainage Master Planning
Ellie	Graeden	PhD	Talus Analytics	Linking Flood Risk to Resilience: A Decision Support Tool for Risk-based Resilience Investment

### A3: Community Rating System: State and Local Initiatives

NFIP

			University of New Orleans Center for Hazards Assessment, Response & Technology (UNO-CHART)	Developing a CRS Strategy for the State of Louisiana
Monica	Farris	PhD, CFM	Flanagan & Associates LLC	Repetitive Loss Area Planning- The Tulsa Model
Ronald	Flanagan	CFM	Florida Division of Emergency Management	
Josh	Overmyer	CFM		The Florida CRS Initiative: Providing State Support of Municipal CRS Programs

### A4: 2017 Hurricanes in Review

Recent Events in Review

		BSCE,		
Mr. Victor	Hom	MSEE, PE	NOAA NWS	NWS Synopsis of 2017 Hurricanes Harvey, Irma, and Maria
Jeff	Gangai	CFM	Dewberry	The Storm Surges Impacts of the 2107 Hurricane Season
Jonathan	Westcott	PE	FEMA	Still Standing?: Building Performance in the 2017 Hurricane Season

### A5: Factors Affecting Levee Performance

Dams & Levees

		PE, GE, ENV		
Larry	Roth	SP	Arcadis U.S.	Risk Analysis of Vegetation on Levees
Jonathan	Simm	PhD, CEng	HR Wallingford	15 Years of Development of Fragility Curves for UK Levees: Lessons Learned for the US
Bryan	Scholl	PhD, PE	WEST Consultants	Sandy or Clayey Levees: What it Means for Levee Resiliency

### A6: Web-Based Tools for Risk Communication

Risk Communication

Vincent	Brown		FEMA	Hide Tides and High Returns: How a Low Cost Communication Method Can Transform Your Information Flow
			North Carolina Emergency Management	
John	Dorman	N/A		Next generation flood hazard risk communication website – WWW.FLOOD.NC.GOV
Clay	Campbell	PE, CFM	Wood	Comprehensive Flood Information at Your Fingertips

### A7: Transforming the Flood Mapping Program

Mapping

Vince	DiCamillo	PMP, CFM	Stantec	FEMA's Mapping Program – Past, Present, and Future
Rick	Sacbibit	PE	FEMA	Risk MAP Exploratory Innovation Products, Part 2
Eliza	Ledwell	CFM	IBM	One Stop Shop to Access FEMA's Best Available Flood Risk Information

### A8: SHOWCASE 1: Reserved - Theme: TBD

Showcase

# ASFPM 2018 DRAFT PROGRAM

Session B (Tuesday - 1:45PM-3:15PM)					
<b>B1: Urban Stormwater Flooding Analysis</b>					<b>Modeling</b>
Yangbo	Chen	Professor	Sun Yat-sen University	Evaluating and adapting the impact of urbanization on watershed flood risk	
Reem	Zoun	PE, CFM	City of Austin	The City of Austin Local Flood Risk Reduction: Prioritization, Challenges and 2D Modeling	
John	Covey	PE, CFM	Wood	Identifying Flood Risk in Unmapped Urban Environments	
<b>B2: Climate Adaptation in Resilience Planning</b>					<b>Mitigation</b>
David	Murphy	PE, CFM	Milone & MacBroom, Inc.	Critical Facilities Assessment for Southeastern Connecticut: Strategies for Flood Resilience	
Kristen	Gelino	CFM	Tetra Tech	Integrating Adaptive Capacity Assessment into Mitigation Planning	
Shana	Udvardy	CFM	Union of Concerned Scientists	Rising Seas Hit Home for US Coastal Communities: Using Response Time Wisely	
<b>B3: International Approaches to Floodplain Management</b>					<b>NFIP</b>
Jessica	Ludy	CFM	Environmental Science Associates	The Case for Tolerable Risk Guidelines to Manage Flood Risk	
Anna	Serra-Llobet	PhD	University of California, Berkeley	Flood Risk and the NFIP: International Perspectives and Opportunities for the U.S.	
David	Powers	PE, PH, D.WRE, CFM	Watershed Systems	Applying risk-informed floodplain management lessons from overseas in the USA	
<b>B4: Local Disaster Recovery Case Studies</b>					<b>Post Disaster</b>
Josh	Sherman	PE	City of Longmont	Resilient St. Vrain Project! Planning, Design and Construction to Reduce Future Flood Risk	
Kevin	Barlow		Colorado City Fire Department	Lessons Learned From 2015 Colorado City, Arizona Flash Floods	
Jeff	Jacobs	PhD	USACE	Cedar Rapids Flood Risk Management: A Case Study in Flood Disaster Recovery	
<b>B5: Natural and Beneficial Floodplain Functions in Holistic Floodplain Management</b>					<b>NBF</b>
Marla	Stelk		Association of State Wetland Managers	Integrated Floodplain, Wetland and Riparian Mapping: Leveraging Ecosystem Functions to Reduce Risk	
Brad	Gordon		American Rivers	Floodplain Restoration in the Upper Mississippi Basin: Connecting the dots between floodplain management and water quality	
David	Radabaugh	CFM, AICP	Department of Ecology	State of Washington Floodplain Management and Natural Beneficial Functions	
<b>B6: Building Support for Floodplain Management</b>					<b>Risk Communication</b>
Steve	Samuelson	CFM	Kansas Dept. Agriculture Charlotte County Board of County Commissioners	Political Support for Local Floodplain Management Programs	
Claire	Jubb	AICP, CFM	Commissioners	State and Federal Policy making: How to get involved at a local level.	
Mark	Boone	CFM	Mecklenburg County	Putting the Storm in Your Media Strategy	
<b>B7: CTP Showcase</b>					<b>Mapping</b>
Laura	Algeo	PE	FEMA	Performance Measures for the CTP Program - How to make them work for your mapping project	
Thuy	Patton	MPA, CFM	Colorado Water Conservation Board	Colorado Hazard Mapping Program (CHAMP) - Lessons Learned	
Stephen	Noe		Wood	Missouri PIR Counties with Risk MAP Infusion – Bootheel of Missouri	
<b>B8: SHOWCASE 2: Reserved - Theme: TBD</b>					<b>Showcase</b>

# ASFPM 2018 DRAFT PROGRAM

Session C (Tuesday 3:45PM-5:15PM)				
<b>C1: Coastal Modeling and Analysis</b>				<b>Modeling</b>
Tanveer	Chowdhury	P.E., CFM, CPESC	USACE	Hydrodynamic Two-Dimensional Coastal Circulation Modeling for Cell 5AB of Poplar Island, MD
Reinaldo Brian	Garcia Batten	PhD Ph.D., CFM	Hydronia LLC RAMPP (Dewberry)	Let it Rain on your mesh: Integrating Hydrologic and Hydraulic Modeling to Simulate Hurricane Flooding in Coastal Areas Exploring Future Conditions Modeling and Mapping through the FEMA Florida Sea Level Rise Pilot Study
<b>C2: Local Mitigation Initiatives</b>				<b>Mitigation</b>
Alan	Turner	P.E., CFM PE, CFM,	CH2M	The Resilient St. Vrain Program: Collaborative Recovery from the 2013 Colorado Floods Strategy to Implement a Flood Risk Reduction System in an Urban Environment - Rebuild by Design- Hudson River Project in Hoboken, Jersey City and Weehawken
Rahul	Parab	D.WRE	Dewberry	
Scott	Choquette	CFM	Dewberry	The NYC Residential Technical Assistance Pilot Program (RTAPP): Increasing Resilience - Lowering Flood Insurance
<b>C3: Compliance and Enforcement</b>				<b>NFIP</b>
Brian	Varrella	PE, CFM	Colorado DOT	No-Rise, No Problem; Managing Infrastructure in FEMA Floodways
Alan	Johnson	PE, CFM	FEMA Region 6	Win-Win - Base Level Engineering Data Supports Local Oil & Gas Permitting
Bradford	Hartley Jr.	GISP, CFM	Stantec	Geospatially Mitigating Violations into Compliance
<b>C4: Stormwater Management in the Desert</b>				<b>Arid Regions</b>
Kieran	Sikdar	CFM	Watershed Management Group	Green Stormwater Infrastructure Case Studies in the Southwest for Flood Mitigation
John	Wise	PE, CFM, EnvSP	Stantec	Evaluation of GI/LID Benefits in the Desert Environment
Ricardo	Aguirre	PE, CFM, WHC, AP, ENV SP	HELM - Holistic Engineering and Land Management	A New Perspective in Stormwater Management
<b>C5: Local Levee Case Studies</b>				<b>Dams &amp; Levees</b>
Vicki	Twerdochlib	PE, CFM	HDR Federal Emergency Management Agency, Region VII, Risk Analysis Branch	Omaha Regional Flood Risk Reduction System - A Comparison and Contrast of Scale and Function
Rick	Nusz		Flood Control District of Maricopa County	FEMA and USACE Collaboration on Levee Risk Communication – City of Clarkson, Nebraska
Frank	Brown	PE, CFM		The FCDMC has Levees? A Flood Control District's Perspective on Levee Safety
<b>C6: Engaging Communities in New Ways</b>				<b>Risk Communication</b>
Dennis	Dixon	CFM	Pierce County Surface Water Management	Evolving to communicate risk
Amanda Carey	Siok Johnson		FEMA, Region 10 Kentucky Division of Water	Earthquakes and Tsunamis are Fun: Meaningful Community Engagement from the Cordova, Alaska Salmon Jam Festival Using Technology to Increase Flood Risk Awareness
<b>C7: Fostering Stakeholder Relationships &amp; Ownership</b>				<b>Mapping</b>
Dane	Bailey	CFM	KDA-DWR	Leveraging local leadership through a timely map review process
Vince	Geronimo	PE, CFM	AECOM	Transparency into FEMA's Appeal Process for the California Coastal Analysis and Mapping Project
Laura	Adleman		AECOM	Stakeholder Outreach and Engagement for the California Coastal Analysis and Mapping Project
<b>C8: SHOWCASE 3: Reserved - Theme: TBD</b>				<b>Showcase</b>

# ASFPM 2018 DRAFT PROGRAM

**Session D (Wednesday 10:30AM-12:00PM) - NO STATE, 4 SESSIONS**

**D1: Modeling Infrastructure in a Changing Climate Modeling**

Bryan	Martindale	PE, CFM	Knight E/A	Regulate, Litigate or Capitulate
Scott	Hogan	PE	Federal Highway Administration	Advancements in Two-Dimensional Floodplain Modeling with SRH-2D
Alex	Coronel	PE, CFM	Wood	Comparing Three 2D Software Packages for Modeling and Designing Highway Drainage Structures

**D2: Proving Mitigation Effectiveness Mitigation**

Lawrence	Frank	CFM	Atkins North America	Flood Reduction Lessons Learned after Major Disasters: Mitigation Project Performance Post-Harvey and Irma Mitigation Effectiveness Study – Beatrice, Nebraska
George	Riedel	CFM	Michael Baker International	
Janey	Camp	PhD, PE, GISP, CFM	Vanderbilt University	Tearing Down Homes to Build Community Resilience – An Evaluation of the Benefits of the Nashville Home Buyout Program

**D3: Higher Floodplain Management Standards NFIP**

French	Wetmore	CFM	French & Associates, Ltd.	Adopting Higher Regulatory Standards
Amy	Cannon	PE,CFM	City of Arlington	The Pitfalls of Higher Standards
Nick	Shufro		FEMA	FEMA and the Executive Branch's Interest in a Higher Federal Flood Standard

**D4: Post-Disaster Rapid Assessments Post Disaster**

Rob	Flaner	CFM	Tetra Tech	Substantial Damage Estimation: Using Hazus-MH as a Screening Tool After Hurricane Harvey
Jane	Frantz	AICP, PMP, CFM	Dewberry	Fast and Furious: Use of Remove Damage Assessment during Harvey, Irma, and Maria
James	Johnston	CFM, GISP	AECOM	Reducing Time and Cost of Substantial Damage Estimates After a Disaster; Lessons from the Hurricane Harvey Substantial Damage Task Force Analytics Cell

**D5: Holistic Floodplain Management Case Studies NBF**

Ranko	Pudar	PMP, PE, CFM	Pudar Mitigation Consulting, Inc.	Utilizing Ecosystem Services and Nature-Based Solutions in Reducing Flood Risks in Central Europe
Matt	Van Deren		Earth Economics	“Win-Win” Decision-Making: Using Holistic Benefit-Cost Analysis to Evaluate Floodplain Management Projects
Cat	Bowler		The Nature Conservancy	Linking Policy and Practice: Models for State Natural Infrastructure Policy

**D6: Flood Warning Systems Flood Warning Systems**

Becca	Fricke-Croft	CFM	Atkins North America	Building a RAFT: Advanced methods for linking forecasts and stream gages for rapid flood assessment
Peter	Acton	PE	JE Fuller Hydrology & Geomorphology, Inc.	Integration of Advanced Flood Warning Technologies
Jim	Keith	PE, CFM	Walter P Moore	Floodfeed: You Won't Believe These 3 Nomographs That Predict Your Flood Elevation!

# ASFPM 2018 DRAFT PROGRAM

## Session E (Wednesday 1:30PM-3:00PM) - NO STATE

<b>E1: Innovations in Analyzing H&amp;H</b>				<b>Modeling</b>
Andrew	Park-Friend	PE	Michael Baker International	Not Your Father's Manning's n: Adjusting Manning's n values for 2D Modeling
Andrew	Reicks	CFM	CDM Smith	MATS-TC: Automating Time of Concentration Through Multidisciplinary Collaboration
Siamak	Esfandiary	PhD, PE	FEMA	Structure-level Risk Assessment Using Monte Carlo Method Coupled with 2D Hydraulic Modeling
<b>E2: Mitigation Techniques and Case Studies</b>				<b>Mitigation</b>
Roderick	Scott	CFM	L & R Resources, LLC Flood Control District of Maricopa County	Steps to Elevation - International Association of Structural Movers flood hazard mitigation program
Tim	Murphy	PE, CFM	County	Solving Repeated Flooding Problems One Structure at a Time
Shandy	Heil	CFM	LSU AgCenter	Repairing the Homes that "Weren't Supposed to Flood": Flood-Hardy Restoration for Code Compliant Structures
<b>E3: Flood Insurance: Policy and Process</b>				<b>NFIP</b>
David	Stearrett	CFM	FEMA	The Office of the Flood Insurance Advocate (OFIA) 2017 Annual Report
Josh	Price	CFM, GISP	MassiveCert	Seriously, why is my Flood Zone Determination Wrong!? Answers From an Insider.
Bruce	Bender	CFM	Bender Consulting Services, Inc.	Private vs. Federal Flood Insurance - What to Know. What to Ask.
<b>E4: Modeling and Mapping Re-delineations of Alluvial Fans</b>				<b>Arid Regions</b>
Shimin	Li	PE, PhD	Flood Control District of Maricopa County	Re-delineation for Two Alluvial Fans in Scottsdale and Phoenix, Maricopa County, Arizona Desert Mountain Flood Modeling Showdown
Seunggho	Song	CFM, PE	CDM Smith	
Mike	Kellogg	PG, CFM, GISP	JE Fuller/Hydrology & Geomorphology, Inc.	Neffs Creek – Assessing the Flooding Hazards on an Urbanized Alluvial Fan
<b>E5: USACE &amp; FEMA Working Together with Your Help to Address the Nation's Levee Challenges</b>				<b>Dams &amp; Levees</b>
Steve	Fink	PE	USACE	
Suzanne	Vermeer		FEMA	
Jim	Murphy		AECOM	
<b>E6: GIS Tools, Data, and Floods</b>				<b>Risk Communication</b>
Peter	McCarthy	Hydrologist	USGS	StreamStats: A web-based application for retrieving basin characteristics and streamflow statistics (such as the 1-percent flood) for gaged and ungaged streams.
Chris	Doscher	GISP	CDM Smith	The Workmap Geoportal: A Tall Drink of Water in a Digital Desert
Joanna	Rohlf	GISP, CFM	Wood	Using GIS to Increase Outreach and Data Accuracy for the Risk MAP program currently in the State of Missouri
<b>E7: Advances with Survey Data</b>				<b>Mapping</b>
Mark	Seidelmann	PE, GISP, CFM	STARR II / Stantec Consulting Services Inc	Innovative survey solutions to limited survey budgets.
Christine	Gallagher		NOAA National Geodetic Survey	NAVD88 No More: A Modernized Vertical Datum for the Future
Neal	Banerjee	PE, CFM	ESP Associates, P.A.	Knowledge (Data) is Power – Innovative Applications of Data to Increase Your Watershed Management Intelligence
<b>E8: Stormwater Management Integration Case Studies</b>				<b>Stormwater</b>
Michelle	Gonzales	CFM	Jefferson Parish	Resilient Mitigation Planning Leads to Jefferson Parish Green Infrastructure Implementation
J. Scott	Pippin	JD, CFM	University of Georgia	Integrated stormwater planning for flooding resilience, water quality, and community values
Kingsley	Allan	GISP, CFM	Illinois State Water Survey	Assessing Potential Opportunity Areas for Developing Stormwater Management Facilities in suburban Cook County: Nothing fancy, just meat-and-potatoes GIS.

# ASFPM 2018 DRAFT PROGRAM

## E9: New State Floodplain Management Initiatives

State Day

Steven	Martin	CFM, CPM	Florida Division of Emergency Management	Florida's CRS/CAV Pilot Program – A Pathway to Flood Resiliency
Tara	Lanzrath	CFM	Kansas Dept. Agriculture	Grid-Based Zone A BFEs: Now Streaming on a Portal Near You
John	Brubaker	PE, CFM	North Carolina Department of Public Safety	The North Carolina Certified Floodplain Surveyor (CFS) Pilot Program

# ASFPM 2018 DRAFT PROGRAM

## Session F (Wednesday 3:30PM-5:00PM) - NO STATE

Session F (Wednesday 3:30PM-5:00PM) - NO STATE					
<b>F1: Reviewing and Understanding 2D Models for Local Officials</b>					<b>Modeling</b>
Stravan	Krovidi	PE, CFM	Wood	Empowering Floodplain Administrators on 2D Hydraulic Modeling using HEC-RAS Case Study	
Rudy	VanDrie	PEng	Wollongong City Council	Who is Responsible for Checking Flood Models?	
Cameron	Jenkins	PE	Atkins North America	How to Review 2D Models and what to Submit in Client Submittals	
<b>F2: FEMA Mitigation Grants: Process and Considerations</b>					<b>Mitigation</b>
Eric	Kenney	PE, CFM	CDM Smith	Lessons Learned from 2017 FMA and PDM Grant Reviews – Best Practices for Application Development	
Hilary	Kendro	AICP, CFM	Atkins North America	Lessons Learned: Mitigation Project Benefit-Cost Analyses in Riverside County, California	
Michael	Herman	MA, JD	EY	FEMA Mitigation and Disaster Grants – Facts, Myths and Legends:	
<b>F3: FPM Tech</b>					<b>NFIP</b>
Bruce	Phillips	PE	PACE	Advances in Drone (UAS) Technology for Floodplain Management Applications	
Patrick	Heck	CSM	PwC	Training Tomorrow's Disaster Mitigation and Flood Insurance Workforce with Virtual Reality Technology	
Keith	Owens		Fugro Geospatial, Inc.	Recent Advances in Geospatial and Computing Technologies Can Better Protect Against Coastal and Riverine Flooding	
<b>F4: Post Disaster Assistance Resource Initiatives</b>					<b>Post Disaster</b>
Julie	Grauer	CFM	FEMA	Peer to Peer Local Floodplain Administrator Imbedded Project for Hurricane Harvey	
Andrew	Molthan	PhD	NASA	The NASA Earth Science Disasters Program: Sizing up Floods from Space	
Mike	Schultz	CFM, GISP	CDM Smith	Mobile GIS for Disaster Response	
<b>F5: Dam and Levee Failure: Risk Communication and Planning</b>					<b>Dams &amp; Levees</b>
Rinda	Tisdale	MEP, CEM, CFM	US Bureau of Indian Affairs	Flood Risks from Spillways: Communicating Non-Dam-Failure Impacts to Native American Tribes	
Jeffrey	Brislawn	CFM	Wood	Evacuation Planning for Extreme Events: Failure of the Cherry Creek Dam	
Edward	Beadenkopf	PE, CFM	Atkins North America	FEMA Guidelines for Modeling and Mapping the Impact of Dams and Dam-Like Structures on FEMA Risk MAP Products	
<b>F6: Science Behind Communicating Risk</b>					<b>Risk Communication</b>
Burrell	Montz	PhD	East Carolina University	Major Risks, Uncertain Outcomes: Making Ensemble Forecasts Work for Multiple Audiences	
Sarah	Devaney-Ice	N/A	FEMA	Behavioral Science A-Z: Explore the myriad ingredients that influence how we see the world and the risks in it	
Peter	Herrick, Jr.		FEMA	Evolving Flood Risk—Community-Level Needs and Preferences for Depicting, Packaging, and Communicating Information for Adaptation	
<b>F7: Coastal - Future Conditions &amp; Sea Rise</b>					<b>Mapping</b>
Joe	Faries	PE, CFM	Stantec	Washington Coastal Resilience Project: A Collaboration between Washington Sea Grant, FEMA Region X and Other Partners	
Alex	Trahan	PE	ESA	Relating Future-Conditions Coastal Flood Hazards to Existing-Conditions FEMA Maps	
Nicole	Kinsman	PhD	NOAA National Geodetic Survey	Case Studies in the Paradox of Static Vertical Flood Datums	
<b>F8: Complex Stormwater</b>					<b>Stormwater</b>
Gabriel	Novak	PE, CFM	Dowdey, Anderson, & Associates	Use of Linear Lakes in Amenitizing Floodplain Reclamation for Communities	
Rocky	Keehn	PE, CFM, D.WRE, ENV	Common Sense Water Resources	Green Infrastructure Resiliency and Computer Modeling	
Tom	LaRue	SP, LEED AP	Engineering, LLC	Hydromodification Design Solutions and Best Practices	

# ASFPM 2018 DRAFT PROGRAM

## F9: State Floodplain Management Policies

State Day

Stephen	Altman	PE, CFM	Illinois Department of Natural Resources, Office of Water Resources	LOWER THAT LEVEE standard!– The Illinois Experience
Alex	VanPelt	CFM	Kentucky Division of Water	Communicating Technical Information to Laymen: A Kentucky Perspective
Brad	McVay	GISP, CFM	Illinois State Water Survey	Estimating the Economic Impact of Buyouts: Loss Avoidance Study for the City of Ottawa, Illinois



# ASFPM 2018 DRAFT PROGRAM

## Session G (Thursday 10:30AM-12:00PM)

Session G (Thursday 10:30AM-12:00PM)					
<b>G1: Modeling for Complex Situations</b>					<b>Modeling</b>
Linda	Potter	PE, CFM	Atkins North America	Calibration of Post-Burn Hydrology and Hydraulics: Goodwin Fire, Arizona	
Benjamin	Pope	PE	AECOM	Hurricane Harvey Rainfall and Streamflow Frequency Analysis	
Andy	Bonner	PE, CFM	AECOM	Flood Velocity Data - Benefits, Examples, and 2D Floodway Uses	
<b>G2: Social and Cultural Considerations of Mitigation</b>					<b>Mitigation</b>
Earthea	Nance	PhD, PE, CFM	Texas Southern University	Equitable Buy-Out Strategies for Mitigating Flood Risk in Houston	
Ashley	Samonisky		Vision Planning and Consulting	Historic Preservation and Hazard Mitigation: Always at Odds?	
Elizabeth	English	PhD, AM ASCE	University of Waterloo	Flood Risk Reduction in Historic Neighborhoods: A Visually Unobtrusive Approach	
<b>G3: Floodplain Management Theory &amp; Research</b>					<b>NFIP</b>
Andy	Yung	PE, CFM	Walter P Moore and Associates	A 50,000-Year Storm... Really?	
Jennifer	Gerbasi	CFM	Terrebonne Parish	What is flood safety worth? Eliminate the mystery of financing risk reduction in new building.	
Rachel	Sears		FEMA	What Data Science Reveals about the Value of 21st Century Floodplain Management	
<b>G4: Post-Wildfire Modeling, Risk Communication, and Mitigation</b>					<b>Arid Regions</b>
Ellen	Berggren	PMP	USACE	After A Wildfire, Collaborating to Reduce Flood and Debris Flow Risks	
Dan	Cherry	PE, CFM	Yavapai County Flood Control District	Flood Follows Fire - Communicating the Heightened Flood Risk After a Fire	
Joseph	Loverich	PE, CFM	JE Fuller Hydrology and Geomorphology Inc.	Coconino County: Pre-Fire Assessment of Post-Fire Flood and Debris Flow Risk	
<b>G5: Disaster Response for Dams and Levees</b>					<b>Dams &amp; Levees</b>
Michael	McMahon	Env SP	HDR	Harvey, Irma, Debbie, Maria, and Ophelia: The New Normal?	
Noel	Laughlin	PE, Env SP	HDR	The Implications of the Oroville Dam Spillway Failure	
Curtis	Smith	PE, CFM	Stantec	A Rapid Assessment of Dam Inventory – Lessons Learned from Two Category 4 Hurricanes Impacting Puerto Rico	
<b>G6: Coastal Flood Risk Management</b>					<b>Coastal Management</b>
Jake	Thickman	n/a	ASFPM Barnstable County Cape Cod Cooperative Extension / Woods Hole	Beyond elevation: exploring a holistic approach to coastal flood risk management	
Shannon	Jarbeau	CFM	Sea Grant	Sea Grant Programs Working Together Nationwide to Address Flooding and Assist Communities	
Jason	Evans	PhD	Stetson University	Future Flood Modeling and Dataset Development for Sea Grant's Southeast Atlantic Regional Resilience Project	
<b>G7: Flood Mapping Behind the Scenes</b>					<b>Mapping</b>
Yukun	Xing	PHD, CFM	Wood	Take a Closer Look at the Water Surface TIN	
Jeffrey	Tabar	PE, D.CE	Stantec	Guidance for Conducting Wave Runup and Overtopping in a Coastal Environment	
Molly	Cox	CFM	CDM Smith	Map Mod Alchemy: Turning Paper into Digital Gold	
<b>G8: SHOWCASE Reserved - Theme: TBD</b>					

# ASFPM 2018 DRAFT PROGRAM

Session H (2:00PM-3:30PM)				
<b>H1: State Initiatives in Modeling</b>				<b>Modeling</b>
Steve	Story	PE, CFM	MT DNRC	Collaborative Pilot Study to update Flood Flow Frequencies in Big Sky Country Kansas 2D Modeling – “All You Have to Do” is Integrate Policy with Accuracy! No Cell Left Behind: North Dakota Statewide 2D Modeling and Mapping
Joe	File	PE, CFM	Amec Foster Wheeler	
Brandon	Banks	GISP	AECOM	
<b>H2: Resilience: Measuring, Quantifying, Funding</b>				<b>Mitigation</b>
		PE, CFM, D.		
Sally	McConkey	WRE	ISWS/PRI/ Uof I	Pursuing Community Resilience Over Time
Stephen	Bourne	PE	Atkins North America	Maximizing the Value of Resilience
Samantha	Medlock	CFM	Willis Towers Watson	Innovative Finance for Flood Resilience: Lessons from the Capital Markets
<b>H3: Community Rating System: Guidance for Local Administration</b>				<b>NFIP</b>
Bill	Lesser	CFM	FEMA/FIMA	The Role of the Community CRS Coordinator: For the New and For the Old More Bang for your Buck: Coordinating CRS and Hazard Mitigation Planning Activities to Increase Impact
Amanda	Sharma	CFM	FEMA/FIMA	
		PE, ENV SP,		
Mark	Fountain	CFM	HDR	City of Phoenix 5-Year Cycle Verification with NFIP CRS
<b>H4: State Post-Disaster Initiatives</b>				<b>Post Disaster</b>
Stacy	Wright	AICP, CFM	Atkins North America	How Hurricane Matthew Helped NC Think Differently About Recovery and Resilience Planning
Shona	Gibson	PE	FEMA Region 6	A Regional Watershed Approach to Disaster Recovery in Louisiana
Jeffrey	Sickles	PE, CFM	Enginuity Engineering Solutions	Building Resilience into Flood Recovery: Lessons Learned from the Colorado EWP Program
<b>H5: Levee Risk Analysis</b>				<b>Dams &amp; Levees</b>
Ben	Gouldby	Bsc. (Hons)	HR Wallingford	International best practice in levee system flood risk analysis
William	Zung	CFM, PMP	Stantec	Visualizing the Flood Risk from a Levee Breach
John	Callen	PE, CFM	JEO Consulting Group, Inc.	May 2015 Salt Creek Flooding – Simulation vs. Reality
<b>H6: Risk-Informed Decision Support</b>				<b>Risk Communication</b>
Nathan	Montague	n/a	ABS Group	The Natoinal Risk Index: A New Tool to Communicate and Interpret Community Risk
Bin	Wang	PE, CFM	GZA GeoEnvironmental, Inc.	Risk-Informed Decision-Making Approach for Flood Risk Assessment and Management
Jacqueline	Snelling		FEMA	Relevant Targeted Flood Protective Actions for the Public
<b>H7: Guidance &amp; Standards Highlights</b>				<b>Mapping</b>
Mary Jo	Mullen	PE, PMP	Advantage Strategy Consul	It Begins with Quality: Improving Trust in and Use of FEMA's Flood Risk Products
Paul	Rooney		FEMA	Transformation Complete
Stephanie	DiBetitto	CFM	State of Colorado	Mapping Fluvial Hazard Zones: Implementing a Statewide Program for Colorado
<b>H8: SHOWCASE Reserved - Theme: TBD</b>				

# ASFPM 2018 DRAFT PROGRAM

Session J (Thursday 4:00PM-5:30PM)				
<b>J1: New Tools and Methods for Modeling</b>				<b>Modeling</b>
Seth	Lawler		Dewberry	Riding the Open Source Wave: Leveraging Innovations for Flood Risk Analysis
Matthew	Johnson	PE, CFM	HDR	Numerical Tools and their Effects on Floodplain Mapping
Jennifer	Duan	PE	University of Arizona	Large Scale Simulation of Flood Flow Inundation Processes Using CHRE2D Model
<b>J2: Mitigation and Resilience Planning</b>				<b>Mitigation</b>
Mike	Robinson	CFM	AECOM	Building Community Resilience Through Integrated Risk Modeling and Community Planning
Aric	Torreyson	PE	Tetra Tech	Flood Hazard Mitigation Planning for FEMA Grants - Soboba Band of Luiseño Indians
Darrin	Punchard	AICP, CFM	Punchard Consulting	Mainstreaming Mitigation: Lessons Learned + Applied in Comprehensive Community Planning
<b>J3: Local FPM Challenges and Resources</b>				<b>NFIP</b>
Del	Schwalls	PE, CFM	Schwalls Consulting LLC	Clarifying Contradictions and Gaps in NFIP Regulations, FEMA Guidance, and Community Policy
Traci	Sears	CFM	Montana DNRC	Local Choices and How They Can Impact the National Flood Insurance Program
Jeff	Bigby	PE, CFM	City of Broken Arrow	Municipal Floodplain Ownership and Maintenance – How Much Can A Community Handle?
<b>J4: Challenges of Water Resources Along the Border</b>				<b>Arid Regions</b>
		EIT, CFM, MOLO		
John	Hays		Santa Cruz County	Nogales Wash - Potrero Creek Conceptual Drainage Masterplan
Erin	Boyle		NOAA National Weather Service	Coordination and Decision Support for International Outfall Interceptor Breach in Nogales Wash
Alejandro	Riano	PE, CFM	Michael Baker International	Border Mitigation - Flood Mitigation for Binational Flood Hazards
<b>J5: Dam and Levee Breach Modeling</b>				<b>Dams &amp; Levees</b>
			Flood Control District of Maricopa County	
Hussein	Hussein	PE, CFM		Is Detailed 2D Modelling of Dam Breach Inundation Worth the Expense?
		PhD, PE,	Flood Control District of Maricopa County	
Carlos	Carriga	CFM		Real-Time Dam Fill Time and Outflow Prediction Software
Brent	Travis	PhD, PE	WEST Consultants	What Levee Risk? Simplified Levee Breach Analysis for Non-Accredited FEMA Levees
<b>J6: Risk MAP</b>				<b>Risk Communication</b>
Ferrin	Affleck	PE, CFM	Atkins/STARR II	Smart Scoping with Community Engagement and Base Level Engineering
Scott	Schelling	PMP, MBA	Michael Baker International	Convergence of Discovery and Resilience Meetings, a path to Mitigation Actions
		PE, PMP, D.WRE, CFM		
Vikram	Shrivastava		Atkins North America	Innovations on Changes Since Last FIRM toolset
<b>J7: Mapping Toolbox Innovations and Applications</b>				<b>Mapping</b>
Tammie	Tucker	PE, CFM	AECOM	FEMA's CNMS Database – More Than Metrics: Hurricane Harvey Disaster Response
Cindy	Engelhardt	PE, CFM	Half Associates, Inc.	Texas Water Development Board Cooperating Technical Partner –Statewide Prioritization Tool
Chris	MacDougall	CFM	AECOM	Leveraging Coastal Data: The Development of a Coastal MultiFrequency Geospatial Data Catalog
<b>J8: Local Assessments for Prioritizing Stormwater Management Options</b>				<b>Stormwater</b>
Scott	Hubley	PE, CFM	Freese and Nichols, Inc.	Too Many Projects, Not Enough Money: Practical Solutions to Optimize Limited Funding
			Lexington Fayette Urban County Government	
Greg	Lubeck	PE, CFM		Flood Mitigation Plan: Supplemental Environmental Project (SEP) to Implementation
Drew	Beck	PE, CFM	Matrix Design Group	Developing a Comprehensive Stormwater Infrastructure Master Plan to Meet Multiple Objectives