

Session A (Tuesday, May 11 - 9:00AM-10:30AM)					
A1: CRS - National Focus				NFIP	
125	Rachel	Sears	CFM	FEMA	CRS Transformation: Incentivizing the Future of Risk Reduction
140	Bill	Lesser	CFM	FEMA	The Community Rating System: Program Updates and the 2021 Addendum
162	French	Wetmore	CFM	French & Associates, Ltd.	New CRS Credits for Conservation and Recovery of Threatened and Endangered Species
A2: Mitigation Successes and Loss Avoidance Studies				Mitigation	
145	Jonathan	Westcott	PE	FEMA Headquarters	The Results are in! Building Codes Save
253	Lisa	Graff	GISP, CFM	Prairie Research Institute	Shorewood, Illinois Loss Avoidance Study: 24 years and 17 floods later
196	John	Callen	PE, CFM	JEO Consulting Group, Inc.	Bomb Cyclone Shelter – Why Grand Island Stayed Dry in the Flood of 2019
A3: 2D Floodways: The Confluence of Modeling and Regulations				Modeling	
23	Isaac	Allen	PE, CFM	AECOM	Two-Dimensional Floodway Testing and Evaluation
267	Lori	Schrader	PE, CFM	Stantec	2D Hydraulic Modeling including Multiple Levee Systems and Floodway Analyses – A Case Study
175	Stephen	Sands	PE, CFM	Hazen & Sawyer, P.C.	Floodway Assessment: 1D vs 2D Modeling Perspectives
A4: Evolution of the National Flood Mapping Program				Mapping	
173	Cindy	Engelhardt	PE, CFM	Halff Associates	Evolution of Floodplain Mapping
49	Jen	Marcy	PMP, CFM	Atkins	Stakeholder Feedback on the Future of Flood Risk Data: Insights from the TMAC 2020 Stakeholder Meeting
126	Sarah	Abdelrahim		FEMA	Dream. Design. Deliver: Demonstrating the Future of Flood Risk Data
A5: Innovative Risk Communications				Risk Communication	
3	Rocky	Schneider	MBA, CFM	Advanced Engineering and Construction	Weathering the Storm of Project Development: Public Affairs Tips & Tricks
191	Joe	Clarke	Meng, DEng	Jacobs	New Technologies and Skills Will Solve The Challenges of The Future
92	Andrew	Warren		Deltares	Playing for Keeps: Serious Games for Floodplain Management
A6: Showcase #1				Showcase	
A7: Dam and Levee Risk Education				Dams & Levees	
69	Kelly	Soule	PE, MBA	CA Department of Water Resources	State of California Model Floodplain Management Ordinances, Higher Standards, and Quick Grants
245	Thomas	Langan	PE, CFM	North Carolina Floodplain Management	North Carolina Dam Monitoring Gauges and Alert System
63	Jim	Maroukis	CMAP, Six Sigma	Booz Allen Hamilton	Dam Safety Signage Guidance – Promoting Public Awareness and Preventing Loss of Life and Property
Session B (Tuesday, May 11 - 1:30PM-3:00PM)					
B1: Floodplain Management Compliance				NFIP	
152	Sarah	Owen		FEMA, Floodplain Management	A Fresh Look at Community Compliance with the National Flood Insurance Program
263	Jessica	Artz	CFM	SCDNR	Long Term Substantial Damage in South Carolina
129	Bret	Gates		FEMA	FEMA's New Direction on NFIP ESA Compliance
B2: Mitigation and Resilience Planning				Mitigation	

121	Jennifer	Burmester		FEMA	Mitigation Planning Program Essentials for Floodplain Managers
224	Mike	Robinson	CFM	Moffatt & Nichol	Resilience is More than a Word: A New Bern, NC Case Study
294	Sarah	Edwards	J.D.	The Pew Charitable Tru	State Resilience Planning: Learnings from Emerging Practices Across the Country
B3: Modeling Coastal Hazards					Modeling
235	Matthew	Lauffer	PE, CPM	NCDOT	Extreme Storm Event Preparedness – GIS Mapping of NCDOT’s Vulnerable Bridges
13	Ashley	Kaupila		Taylor Engineering	Leveraging 2D Storm Surge Modeling Results to Support Coastal Graduate Risk Analyses
70	Brian	Caufield	PE, PMP, CFM	CDM Smith	Conveying the Various Messages around Coastal Erosion
B4: Mapping x					Mapping
96	Shannon	Brewer	PMP, CFM	Dewberry	Innovative Community Outreach Solutions: How the GA CTP Program Has Overcome Commur
201	Carey	Johnson		Kentucky Division of Wa	Outreach During the Pandemic: Making Virtual Risk MAP Connections
326	Cameron	Druery	BE MIEAust	Worley	Flooding Information On The Cloud – Sharing Understanding Without Transferring Any Data
B5: Social Justice, Equity, and Flood Risk Management					Risk Communication
167	Alyx	Colgan	MPH	Guidehouse	Adapting Risk Communications to Create Equitable Mitigation Strategies
257	Terence	Milstead	PhD	Ogilvy	Housing Security and Flood-Risk Mitigation Activities
306	Merrie	Koester	PhD	USC Center for Science	Get Hurricane Smart! Taking on the Problem of Educational Vulnerability
B6: Student Paper					Showcase
B7: Local Urban Flooding Initiatives					Stormwater & Urban Flooding
156	Edward	Schenk	CFM	Flagstaff Water Services	Going digital with open channel storm water asset management for a high elevation municipa
230	Eddie	Paulino	PE, CFM	MWRDGC	A Decision Modeling Approach to Project Selection
281	Michael	Thatcher	PE, CDT, ENV S	Tetra Tech	Flood Mitigation in an Urban Environment: Cypress Street Outfall Regional Stormwater Improv
Session C (Tuesday, May 11 - 3:30PM-5:00PM)					
C1: Local Floodplain Management Initiatives					NFIP
216	Stefani	Bell	PE, CFM	Michael Baker Internati	Reimagining the City of San Diego’s Approach to Floodplain Management
58	Joe	Waln	PE, CFM	Barr Engineering Co.	How strong is your local floodplain ordinance? Findings and recommendations from the Red R
185	David	Knipe	PE, CFM	Indiana Dept. Natural R	Structure Level Floodplain Analysis and Flood Elevation Points in Indiana
C2: Highlighting Local Mitigation Projects					Mitigation
256	Shaun	Gannon	PE, D.WRE, CF	Ramboll	Forensics of Flood Evaluation in Sauquoit Cree, NY and Innovative Flood Mitigations
76	David	Kroening	PG, CFM, GC	Charlotte-Mecklenburg	Development of a Joint Water Quality and Flood Mitigation Goal Driven Capital Improvement
209	Joel	Paulsen	PE, CFM	Metro Flood Diversion A	Implementing the Largest Flood Protection P3 Project in the World
C3: Flood Risk Assessment in Complex Urban Environments					Modeling
93	Sivaramakrishnan	Sangamesw	PhD, PE, D.WR	Dewberry	CHOOSING THE RIGHT MODEL TO ESTIMATE URBAN FLOOD RISK IN THE CONTINENTAL USA
198	Karen	Kabbes	PE, CFM	Kabbes Engineering, Inc	Comparison of 2D HEC-RAS Models of Shallow Urban Floodplain, Without and Without Buildin

31	Jeremy	McCall	PE, CFM	Arcadis	Lessons Learned from Integrating 1D and 2D Riverine and Collection System Models
C4: Understanding and Mitigating Coastal Flooding					Coastal
228	Renee	Collini		MS-AL Sea Grant/Missis	Sea-Level Rise: Turning uncertainty into action
254	D.J.	Rasmussen		Princeton University	The political complexity of coastal flood risk reduction
89	Lauren	Knapp	Dr.	CSS Inc. on contract to	Property Values, Taxes, Infrastructure: What's at Stake? Assessing Coastal Infrastructure at Risk
C5: Behavioral Science and Risk Communication					Risk Communication
7	Jordanna	Rubin	LEED AP O+M,	AECOM	Behavior-based change – What Can Flood Mitigation Leaders Learn from the Energy Industry
62	Glenn	Locke	PMP, PMI-ACF	Booz Allen Hamilton	Common Barriers to Achieving Resilience in Hazard Mitigation and Personal Financial Planning
66	Kristin	Murphy	ICAgile Certified	Booz Allen Hamilton	Using Data and Science to Influence Complex Decisions in a Complex World
C6: Showcase #3					Showcase
C7: Building Resilience into Recovery					Post-Disaster
264	Del	Schwalls	PE, CFM	Schwalls Consulting	Mexico Beach: A Hurricane Michael Story of a Small Beach Community on the "Never" Forgotten
180	WB	Smith	PE, CFM	HISIINC LLC	Roll'n on the River – 2019 Flood – Arkansas River Park Remediation
195	Dan	Fricke	PE, CFM	JEO Consulting Group	Responding to Near Drowning with Resilient Actions – A Real World Example
Session D (Wednesday, May 12 - 9:00AM-10:30AM)					
D1: Flood Insurance					NFIP
139	Lloyd "Tony"	Hake		FEMA	Risk Rating 2.0: Progress to Date and Next Steps
59	Bruce	Bender	CFM	Bender Consulting Servi	The Evolution of the Private Flood Insurance Market: A Look at the Past, Present and Future o
134	David	Stearrett	CFM	FEMA	Office of the Flood Insurance Advocate: Five Years of Advocacy
D2: Spotlight on Mitigation Techniques					Mitigation
315	Mary-Carson	Stiff		Wetlands Watch	A Match (Maybe) Made in Heaven: FEMA Acquired Properties & Land Trusts
181	Tammie	DeVooght Blaney		International Assn of St	Home Elevation for Flood Hazard Mitigation
182	Michael	MacGowan	CFM	ILC Dover	Flood Protection Measures - When, Where, and How
D3: Modeling for Flood Warning Systems					Modeling/Warning Systems
116	David	Key	PE,CFM	ESP Associates, Inc.	FIMAN-T: NCDOT's Response Tool for Managing Flood Impacts to Transportation Assets
172	David	Leone	PE, CFM	GZA	Feed the Machine: Flood Response Automated Predictions to Improve Emergency Planning
255	Venkatesh	Merwade		Purdue University	Urban Flooding Open Knowledge Network: Delivering Flood Information to Anyone, Anytime, ,
D4: Mapping Avant-Garde					Mapping
105	David	Sutley	PE	Dewberry Engineers, Inc	Developing Floodplain Designations that Account for Future Climate Change: A Case Study on
56	Sarada	Kalikivaya	PE,PMP,CFM	Atkins North America	Why Do People Keep Talking about Probabilistic? Is it Probability? Now, I Am Confused!
163	Lee	Beshoner	PE, CFM	FTN Associates, Ltd.	BLEs and the Flood Risk Factor: Competing Sources, Different Stories, or Beneficial Partners?

D5: Case Studies in Risk Communication					Risk Communication
77	James	Scanlon	CFM, GISP	Charlotte-Mecklenburg	DHS Flood Apex: Enhancing Flood Mitigation Strategies and Tools in Mecklenburg County
80	Bruna	Attila	PMP, LEED AP	City of Baltimore	City of Baltimore Public Outreach Campaign for Flood Awareness
123	Olivia	Humilde		FEMA	Communicating the Value of Flood Insurance During Flood Awareness Campaigns
D6: Student Paper Competition					
D7: Joint USACE & FEMA Levee Session					Dams & Levees
n/a	Tammy	Comforti	PE, CFM	USACE	National Levee Safety Program and National Levee Database Updates: Improving Community
	Suzanne	Vermeer	PE, CFM	FEMA	
	Brian	VanBockern		USACE	
	Will	Lehman		USACE	
	David	Bascom		FEMA	
Session E (Wednesday, May 12 - 1:30PM-3:00PM)					
E1: International Floodplain Management					NFIP
11	Alejandro	Riano	PE, CFM	AECOM	Flood Risk Management Along the Rio Grande on the US-Mexico Border
71	Marc Daniel	Heintz		International Commission	The Complexity of Transnational Cooperation – 70 Years of International River Basin Flood Ma
300	Anna	Serra-Llobet	Dr.	University of California,	Transboundary River Basin Management to Prevent Drowning of the Mekong Delta
E2: Nature-Based Mitigation Actions					Mitigation
109	Johnny	Mojica		Earth Economics	Nature Based Solutions to Hazard Mitigation
168	Matt	Lyttle		Guidehouse	Bootstrapping Federal Grants on your way to Green Resilience
189	Elise	Ibendahl	PE, PMP, CFM	Jacobs	Biomimicry and Nature-Based Solutions: Designing for Optimized Social and Ecological Value
E3: Beyond Regulatory: Risk Assessment and Climate Adaptation					Modeling
18	Gray	Minton	PE, GISP	AECOM	North Carolina Floodplain Mapping Program's (NCFMP) Advisory Floods Studies & Website
321	Matthew	Jones	CCM	Woodard & Curran	America's Next Top Model: Comparing Climate Change Modeling Tools and Data Sets for Pract
131	Sarah	Abdelrahim		FEMA	Great Interagency Collaboration, Greater Mitigation Outcomes
E4: CTP Ensemble					Mapping
234	Jerry	Snead	PE, CFM	NCDOT	Better Together – The Value of a State CTP and Interagency Partnership
118	Nancy	Durham	MURP, CFM	Fairbanks North Star Bo	Correcting an Overstated Un-Numbered "A" Flood Zone for the Chena Slough through a CTP G
147	Laura	Algeo	PE	FEMA HQ	Cooperating Technical Partners 5-Year Operations Plan (2022-2027)
E5: Flood Risk Training & Education Programs and Practices					Risk Communication
138	Tony	Mendes	CFM	FEMA	RISE Challenge - Engaging Youth to Build Resilient Communities
157	Michael	Rimoldi	MPA, CFM, CB	Florida Floodplain Mana	Statewide Virtual Training - FFMA's Approach to Education During the Pandemic
21	Kelly	Keefe	CFM	AECOM	The A, B, C's of Facilitating a Virtual Community Meeting

E6: Challenges in Dealing with Rising Tides					Coastal
289	Carey	Schafer		The National Academies	High Tide Flooding Thresholds: Real-World Consequences of Scientific Datums
303	Camille	Sicangco		University of Florida	Considering Sea-Level Rise in Long-Term Infrastructure Planning - What is it worth?
311	Gabe	Lederman		Wapro Inc	Staying dry with rising tides - case study Miami Beach
E7: Addressing Social Justice in Floodplain Management					Social Justice
27	Eileen	Shader	CFM	American Rivers	ASFPM Social Justice Committee: Working for Diversity, Equity and Inclusion in Floodplain Management
120	Peter	Herrick		FEMA	Laying the Foundation for an Equity-Centered Directorate
297	Jessica	Ludy	CFM	U.S. Army Corps of Engineers	Flood Risk at the Frontline: Systemic Inequities in Floodplain Management
Session F (Wednesday, May 12 - 3:30PM-5:00PM)					
F1: Discussions on Floodplain Management Policy					NFIP
247	Joel	Scata	esq.	NRDC	Changing the NFIP for a Changing Climate: Update the NFIP's Floodplain Management Regulations
48	Phetmano	Phannavong	PE, PMP, CFM	Atkins	Shifting from Binary to Graduated View of Flood Risks: Workable and Flexible Minimum NFIP Requirements
272	Stuart	Adams	El, CFM, ENV S	Stantec	The Compelling Case for a Residential Flood-Resistant Construction Appraisal Addendum
F2: FEMA Hazard Mitigation Programs and Requirements					Mitigation
135	Kayed	Lakhia		FEMA	Overview of FEMA's Hazard Mitigation Assistance (HMA) Grant Programs 2021: What Applicants Need to Know
72	Eric	Kenney	PE, PMP, CFM	CDM Smith	Technical Observations from the Inaugural BRIC Application Cycle
16	Chris	Levitz	PE, CFM	AECOM	Making Nature-Based Solutions Possible with Hazard Mitigation Funding
F3: Assessing Impact of Unique Factors on Flood Risk					Modeling
200	Tara	Lanzrath	CFM	Kansas Department of Agriculture	Western Kansas: The Wild West of Hydrology
51	Pravan	Krovidi	PE, CFM	Atkins - SNC Lavalin Group	Deforestation, Reforestation / Afforestation, What Has It Got To Do With My H&H?
213	Mark	McBroom	PE	Michael Baker International	Ice Jam Flood Risk Assessment: Methods & Lessons Learned
F4: FEMA Tools and Resources					Mapping
2	Bradford	Hartley Jr.	PMP, GISP, CFM	ABS Group, a member of the FEMA Flood Risk Consortium	Tools of the Trade: Leveraging FEMA's Flood Risk Toolbox
238	Daniel	Horner	CFM	NiyamIT	Viewing Best Available Flood Hazard Data for a Location and Creating a Report on Proposed Changes
220	David	Mummert		Michael Baker Intl.	eLOMA – A Collaborative Tool for Licensed Professionals, Communities, and FEMA
F5: Showcase #4					
F6: Natural & Beneficial Floodplain Functions					Natural & Beneficial Functions
29	Olivia	Dorothy	CFM	American Rivers	Nutrient Retention in Ecologically Functional Floodplains: A Review
312	Ricardo	Aguirre	PE	WEST Consultants	Building Healthy Soil to Reduce Flooding – A Case Study of Holistic Land Management in Arizona
	Tim	Harrison			
F7: Modeling for Urban Flooding Project Prioritization					Stormwater & Urban Flooding
214	Thirumurugan	Bose	PE CFM	Michael Baker International	Mitigation Alternatives for Regional Flooding Issues in Cudia City Wash

317	Maria	Neeland	PE, CFM	Wood	Utilizing BLE Modeling in Stormwater Master Planning
325	David	White	PE, CFM	Woodard & Curran	Redeveloping the City of Presidents in 2D
Session G (Thursday, May 13 - 9:00AM-10:30AM)					
G1: CRS - Local Focus					NFIP
57	Shannon	Hulst	CFM	Barnstable County Cape	Regional CRS and Floodplain Management: Making it Work for Resource-Limited Communities
75	Josh	Overmyer	CFM	Charlotte County	CRS Retrograde, Now What?
84	Heather	Hilliard	CEM, CFM	IEM	Using Emergency Management as a Lever to Improve your CRS Score
G2: Risk Assessments					Mitigation
128	Casey	Zuzak		FEMA	Establishing a nationwide baseline for natural hazard risk in the U.S.
154	Matt	Hutchins		FernLeaf Interactive	Integrating Social Vulnerability in Flood Risk Assessments: A New Bern, NC Case Study
17	Richard	Fogleman	GISP, CFM	AECOM	North Carolina Emergency Management's (NCEM) Statewide Building Footprint Data Develop
G3: Hydraulic Analysis for Risk and Structure Evaluation					Modeling
183	Chris	Hanstad	PE, CFM	Illinois State Water Surv	Cache River Valley 2D Floodplain Analysis
155	Scott	Hogan	PE	FHWA	Understanding the Importance of Hydraulic Controls and Mesh Resolution in 2D Hydraulic Mo
271	Mark	Bartlett	PhD, PE	Stantec	Machine Learning Insight for Rapid Inundation Screening
G4: Risk MAP Lifecycle					Mapping
73	Taylor	Grove	PE, CFM, ENV	CDM Smith	Third-Party Data and the Golden Triangle (Cost, Schedule, Quality)
53	Traci Danielle	Murray	CFM	Atkins North America	The Forgotten "P": Reviving Mitigation Planning Technical Assistance in Risk Mapping, Assessm
275	Emily	Whitehead	CFM, GISP	Stantec / STARR II	Leveraging Local Mapping Needs into FEMA's Discovery Process: A Discovery Needs Ranking S
G5: Crowd-Sourcing for Risk Communications					Risk Communication
171	Patrick	Heck	CSM	Guidehouse	Using Social Media to Crowdsourc Community Feedback Throughout Project Implementation
194	Daniel	Tomczak	CFM	Jacobs Engineering Gro	Correlating Citizen Tidal Flooding Observations with Understanding Roadway Impacts
32	Jeff	Stone	GISP, CFM	ASFP	A Community Flood Notebook: Gilbert White Meets Crowdsourcing
G6: Tech & Tools for Warning Systems					Warning Systems
250	Mark	Jensen	PE	Pacific Northwest Natio	Explorations of a community-based repository for rapid flood response data using cloud techn
78	Matthew	Storosh	CFM	Charlotte-Mecklenburg	Low Cost Flood Sensors: An Urban Installation Guidebook
164					
G7: Post-Flood Floodplain Management Compliance Assistance					Post-Disaster
144	John	Ingargiola	EI, CBO, CFM	FEMA Headquarters	Leveraging Mutual Aid Teams and DRR 1206 for Post-Disaster Compliance Success
149	Jennifer	Tylander		FEMA HQ	Implementing the DRR 1206, Code Implementation and Enforcement, Policy for Floo
277	Celinda	Adair	CFM	State of Oregon Depart	Floodplain Management Community Engagement - Lessons Learned from the 2020 Oregon W
Session H (Thursday, May 13 - 1:30PM-3:00PM)					
H1: Local Floodplain Management Initiatives 2					NFIP
81	Kimberly	Dewailly	PE, CFM	City of Dallas - Dallas W	4 Score and Seven Years Ago – City of Dallas Journey towards becoming a CRS Class 4

309	Glenn	Shephard	PE	Ventura County Public V	Floodplain Management and COVID-19 Pandemic Response – An Essential Industry’s Agility an
296	Sandy	Cross	CFM	Town of Duck	Community Planning, Support and Engagement in Floodplain Protection
H2: Hazard Mitigation Policy					Mitigation
111	Laura	Marshall		ECONorthwest	Effectiveness and Equity Considerations of Buy-Out Programs: Johnson Creek Willing Seller Pro
231	Anna	Weber		Natural Resources Defe	Losing Ground: Mitigation Status of Severe Repetitive Loss Properties
293	Matt	Fuchs	J.D.	The Pew Charitable Tru	Policies to Help Communities Benefit from Buyouts: Partnerships, Valuing Multiple Benefits, an
H3: Advancing Hydrologic Methods for Flood Risk Assessment					Modeling
39	Clark	Barlow	PE, CFM	Atkins	Adapting 1D Hydrologic Methods for 2D Hydraulic Applications in Clark County, Nevada and O
177	Mark	Forest	PE, CFM	HDR	Transformations in Hydrologic Methods without Transforms, Testing of New HEC-RAS 6.0 Rain
83	Ed	Dickson	PE, CFM	Freese and Nichols, Inc.	Utilizing a Citywide Rain-on-Mesh Analysis to Identify Flood Risk for the City of Fayetteville
H4: Coastal Mapping Advances					Mapping
91	Jennifer	Pongratz	CFM	DE Dept. of Natural Res	Is Holding the Line Sustainable? Retreat as a Means of Defense
100	Jeff	Gangai	CFM	Dewberry	Storm Surge Study Update for Select Communities in North Carolina
		Caufield			
H5: FEMA Program Tools and Resources					Risk Communication
217	Kimberley	Schwenk	CFM	Michael Baker Internati	Reinforce Mitigation Messaging – Leverage the FEMA Mapping and Insurance eXchange
130	Steve	Greene		FEMA	Finding the Right Fit: FEMA Region 5’s Mitigation Assistance Resource Guides
276	Will	Zung	PMP, CFM	STARR II	Living with Levees: FEMA’s Products and Tools for Community Officials and Professionals
H6: Green Infrastructure and Living Shorelines for Coastal Flood Mitigation					Coastal
90	Jannek	Cederberg	PE	Cummins Cederberg, In	Waterfront Parks Sea Level Rise and Flooding Adaptations
95	Alaurah	Moss		Dewberry	Fortifying our Coastal Economies and Ecosystems with Living Shorelines
322	Millicent	Cowley-Crav	PE, CFM	Woodard & Curran	Beyond Local Boundaries: Local and Regional Sea Level Rise Adaptation Strategies on the San F
H7: Local Levee Challenges					Dams & Levees
284	Patti	Sexton	PE, CFM	Tetra Tech	One Levee’s Journey Towards FEMA Certification – Case Study in New Orleans
45	Amit	Sachan	PE, CFM	Atkins	Making Lumberton Resilient by putting Floodgate in the Levee System
161	Phil	Martin		Fort Bend County Levee	Hurricane Harvey Recovery: Modernizing drainage systems inside a fully developed levee.
Session J (Thursday, May 13 - 3:30PM-5:00PM)					
J1: Data Analysis for Floodplain Management Decisions					NFIP
160	Susanna	Pho	CFM	Forerunner	Elevation Certificate Data: Unlocking Opportunities for More Informed Floodplain Managemen
127	Quentin	Cummings	CFM	FEMA	Emerging Technologies: Web-Based Tools to Analyze Data and Drive Decisions
20	Christopher	Moss	PE, CFM	AECOM	Post Disaster Rapid Screening for Likely Substantially Damaged Structures
J2: Building Science and Mitigation					Mitigation
74	Adam	Reeder	PE, CFM	CDM Smith	Using Asset Vulnerability To Assess Flood Mitigation For Multiple Building Facilities

146	Daniel	Bass	RA	FEMA Headquarters	Virtual Damage and Building Performance Assessments During a Pandemic
158	Jessica	Waters		FM Global	Out-Smarting Flood: Resilience in the Face of the Storm
J3: Analyzing and Leveraging Data for H&H Analysis					Modeling
97	Seth	Lawler		Dewberry	Model Library: Approaches for cataloguing and querying flood hazard models in the cloud
320	Al	Souid	PhD, PE, CFM	Wood, PLC.	Uncertainty and Sensitivity Analysis for Risk Assessments and Planning
308	Peter	McCarthy		USGS	StreamStats: A web-based application for retrieving basin characteristics and streamflow statistics
J4: GIS-Geospatial Data Advancements, Workflow & Tools					Mapping
25	Hope	Morgan	NCPLS, CFM, C	AECOM	We're not finished - Flood maps, the impact of ongoing collection of high resolution lidar, and
44	Andrew	MacDonald	CFM	Atkins	Introducing QGIS to Communities as a Free and Open Source Tool for Floodplain Management
237	Eliza	Ledwell	CFM	NiyamIT	Simplifying and Automating Geospatial Data Workflows - Quality, Transformation, and Geopro
J5: Mitigation Planning and Outreach					Risk Communication
251	Lori	Laster	PE, CFM	Papio-Missouri River Na	PIVOT! The One with the New Approach to Public Outreach
285	Alison	Miskiman	GISP, CFM	Tetra Tech	Staying Engaged in Mitigation During a Global Pandemic
37	Vikram	Shrivastava	PE, PMP, D.W	Atkins	"Turning Obstacles into Opportunities"
J6: Watershed Management Initiatives					Water Resources Management
205	Alexandra	Carter	AICP	Louisiana Watershed In	Introduction to Louisiana's Watershed Initiative
246	Mia	Brown	CFM	North Central Texas Cou	The Trinity River Common Vision Program: 30 Years and Growing
262	Larry	Trout	PE	RK&K	Watershed Scale Coastal Resilience: Concept through Delivery Case Study: Delaware's Inland B
J7: Spotlighting Stormwater Management Techniques					Stormwater & Urban Flooding
190	Dustin	Atchison	PE, PMP	Jacobs	Healthy Streets for Urban Flooding in Your Neighborhood
280	Chris	Jansen	PE, LEED GA	Tetra Tech	Flood Management: An Ancillary Benefit to Site Development and Public Works Projects
292	Kristiane	Huber		The Pew Charitable Tru	Action Plan for Advancing Nature-based Stormwater Strategies in North Carolina