

2020 VFMA Floodplain Management Fall Workshop Urban and Stormwater Flooding Issues

Tuesday, November 17, 2020
9:00 a.m. – 12:00 p.m.

AGENDA

Time	Presentation/Topic	Speaker(s)
09:00 a.m.	Welcome and Introductions	Kristin Owen, AICP, CFM <i>VFMA Workshop Chair</i>
09:10 a.m.	Flood Resilient Arlington	Aileen Winquist <i>Communications Manager Arlington County</i>
09:40 a.m.	Flood Mitigation in Roanoke's Central Business District (CBD)	Don Rissmeyer, PE, CFM <i>Consulting Engineer A. Morton Thomas and Associates, Inc.</i> Marcus Aguilar, PhD, PE <i>Acting Stormwater Utility Manager City of Roanoke</i>
10:10 a.m.	Break	
10:25 a.m.	Floodplain Restoration: Moving streams from dead gullies to living ecosystems	John Newton <i>Capital Project Manager Henrico County</i> Alex Lucado, PE, CFM <i>Project Manager Timmons Group</i>
10:55 a.m.	Evaluation of rainfall data in Fairfax County and potential implications for hydrologic methods used in floodplain studies	Dipmani Kumar, CFM, PE <i>Engineer V Fairfax County</i>
11:25 a.m.	Using Emergency Management as a lever to improve your CRS Class	Heather M. Hilliard, CEM, CFM <i>Assistant Director of Emergency Management and CRS Coordinator City of Kenner, Louisiana</i>
11:55 a.m.	Closing Remarks	Kristin Owen, AICP, CFM <i>VFMA Workshop Chair</i>
12:00 p.m.	Workshop Adjourns	

2.5 CECs

Speaker Biographies

Flood Resilient Arlington

Aileen Winqvist | Arlington County

Ms. Winqvist has a Master's degree in environmental science from the University of Virginia and over twenty years of experience in environmental outreach and communication. Ms. Winqvist manages communications for Arlington County stormwater programs, including public engagement for stream restoration and storm sewer projects, outreach on flood resilience, managing the StormwaterWise Landscapes incentive program, and coordinating educational workshops on green infrastructure.

Flood Mitigation in Roanoke's Central Business District (CBD)

Don Rissmeyer, PE, CFM | A. Morton Thomas and Associates, Inc.

Don Rissmeyer is a licensed Professional Engineer and Certified Floodplain Manager for A. Morton Thomas and Associates, with 30 years of experience in providing consulting engineering services to municipal stormwater clients including the City of Roanoke and many others. He is a Past-President of the Virginia Section of ASCE and a Past-President of the Virginia Floodplain Management Association, as well as a member of the Western Virginia Floodplain Network.

Marcus Aguilar, PhD, PE | City of Roanoke

Marcus Aguilar is a Senior Research Engineer in the City of Roanoke's Stormwater Utility. His expertise is in understanding and improving the long-term interaction between humans, our built infrastructure, and the natural ecosystem in urban watersheds. Marcus received his Ph.D. and MS in Civil and Environmental Engineering from Virginia Tech, and a BS in Civil Engineering from the University of Alabama and is a licensed Professional Engineer in the Commonwealth. He has over 10 years of experience in water resources consulting, academia, and local government and is the author of numerous journal articles, conference proceedings and technical reports.

Floodplain Restoration: Moving streams from dead gullies to living ecosystems

John Newton | Henrico County

John Newton has worked in the environmental field for 25 years. Currently, he manages Henrico County's Capital Projects related to the Chesapeake Bay TMDL requirements in the county's MS4 Permit.

Alex Lucado | Timmons Group

Alex Lucado is a Project Manager, Professional Engineer and Certified Floodplain Manager with Timmons Group in Richmond, VA. He has 8 years of experience in the field of stormwater engineering with primary responsibilities that include the management of stream restoration design, storm sewer and BMP design, hydrologic and hydraulic analysis, dam failure modeling, and floodplain study preparation. He is also Rosgen Level IV certified in natural channel design.

Evaluation of rainfall data in Fairfax County and potential implications for hydrologic methods used in floodplain studies

Dipmani Kumar, CFM, PE | Fairfax County

Dipmani Kumar has over 26 years of experience in water resources planning, analysis, and project implementation. He currently serves as chief of the Watershed Planning and Evaluation Branch within the Stormwater Planning Division at Fairfax County. He holds graduate degrees from Virginia Tech and is a licensed professional engineer and certified floodplain manager.

Using Emergency Management as a lever to improve your CRS Class

Heather M. Hilliard, CEM, CFM | City of Kenner, Louisiana

Heather M. Hilliard is an experienced homeland security and emergency management professional with more than 25 years of service. Ms. Hilliard has served as a Professor of Practice for more than a decade, and has also lectured for a variety of federal military locations as well as private organizations. She is both a CEM and CFM, has led millions of dollars in FEMA grants, led the city's fire department to an elite Class 1, improved the CRS to Class 6 and received federal in addition to local commendations in New Orleans for her contributions in Type 1 incidents around the nation.