

2020 VFMA Floodplain Management Fall Workshop Riverine Flooding Issues

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

AGENDA

Time	Presentation/Topic	Speaker(s)
09:00 a.m.	Welcome and Introductions	Danielle DeHart, CFM <i>VFMA Workshop Chair</i>
09:10 a.m.	Update from the Secretary of Natural Resources Office	Joshua Saks <i>Deputy Secretary of Natural Resources Governor's Office</i>
09:40 a.m.	FEMA Map Updates	Lee Brancheau <i>Mapping Project Manager FEMA Region 3</i>
10:10 a.m.	Break	
10:25 a.m.	DCR Updates	Angela Davis <i>Floodplain Planner Virginia Department of Conservation and Recreation</i>
10:55 a.m.	The 200-year Peak Discharge: Why and How to Calculate It	Kaveh Zomorodi <i>Principal Engineer & Senior Hydrologist Dewberry</i>
11:25 a.m.	GIS and Flood Depths	David Cooper GISP, CFM <i>GIS Specialist City of Roanoke</i>
11:55 a.m.	Closing Remarks	Danielle DeHart, CFM <i>VFMA Workshop Chair</i>
12:00 p.m.	Workshop Adjourns	

2.5 CECs

Speaker Biographies

Update from the Secretary of Natural Resources Office

Joshua Saks | Governor's Office

Joshua Saks is the Deputy Secretary of Natural Resources for the Commonwealth of Virginia. In this role, Joshua works on natural catastrophe planning and resilience, land conservation, historic preservation, wildlife and outdoor recreation. Prior to his appointment, Joshua spent eight years as the Legislative Director for the National Wildlife Federation, where he worked on an array of issues including climate and clean air policy, agriculture policy, flood and hurricane preparedness and toxic chemical reform. Prior to working at National Wildlife Federation Joshua worked as the Federal Affairs office the Chesapeake Bay Foundation. Joshua has degrees from Ithaca College and St. John's College.

FEMA Map Updates

Lee Brancheau | FEMA Region 3

Lee Brancheau is a Flood Study Project Officer and Geographer at FEMA Region III Mitigation Division Risk Analysis Branch, in Philadelphia PA. He has over 16 years of flood study experience including FIRM and FIS production on over 300 FIRM updates in four FEMA Regions. Prior to working at FEMA, he served as the Regional Management Center (RMC3) Lead in support of FEMA Region III during the Map Modernization Program. As a contractor for FEMA he managed multiple teams of GIS specialists, planners, and civil engineers performing flood study updates. In addition, he served on the FEMA Guidelines and Specifications Steering Committee, playing a significant role developing the 2011 and 2013 FIRM Database GIS schema and technical references. Mr. Brancheau graduated from Glassboro State College (currently Rowan University) in 1986 with B.A. in Geography with a specialization in Cartography and completed post-baccalaureate coursework in Geography at Bowling Green University.

DCR Updates

Angela Davis | Virginia Department of Conservation and Recreation

Angela C. Davis is a Floodplain Program Planner with the Virginia Department of Conservation and Recreation's Dam Safety and Floodplain Management Division. Angela is an experienced geographer, with over six years in floodplain management. In her previous role as a FEMA contractor, Angela provided technical mapping assistance and analysis to a range of stakeholders including state legislators and members of congress. She is currently a member of the Virginia Floodplain Management Association, and a Certified Floodplain Manager through The Association of State Floodplain Managers.

The 200-year Peak Discharge: Why and How to Calculate It

Kaveh Zomorodi | Dewberry

Dr. Kaveh Zomorodi is a Principal Engineer and a Senior Hydrologist at the Dewberry Companies. He received a Ph.D. in Civil and Environmental Engineering (Hydrology and Water Resources) from Utah State University in 1988. He has over 30 years of work experience in academic and consulting engineering work dealing with surface water, groundwater and water resources planning and management. Dr. Zomorodi has published or presented nearly 60 technical papers in various journals and conference proceedings and numerous R&D and project reports.

GIS and Flood Depths

David Cooper GISP, CFM | City of Roanoke

David Cooper is a GIS Specialist for the City of Roanoke Stormwater Division where he focuses on the collection, analysis, and visualization of data to support the watershed health and function of the City of Roanoke. David enjoys the dynamic nature of working as a GIS professional, which allows him to be involved in many different aspects of the Stormwater Division's mission. He has 14 years of experience in the fields of GIS and water resources, holds his GISP and is a Certified Floodplain Manager with extensive experience in the creation of Flood Insurance Rate Maps, processing LOMAs and LOMRs, and floodplain analysis. David holds a bachelor's degree in in Geography from George Mason University with a minor in Map Folding.