

Urban Flooding and Resilience Seminar:

Rain, impervious surfaces, and stormwater systems

Hosted by Miami Conservancy District and Miami Valley Regional Planning Commission

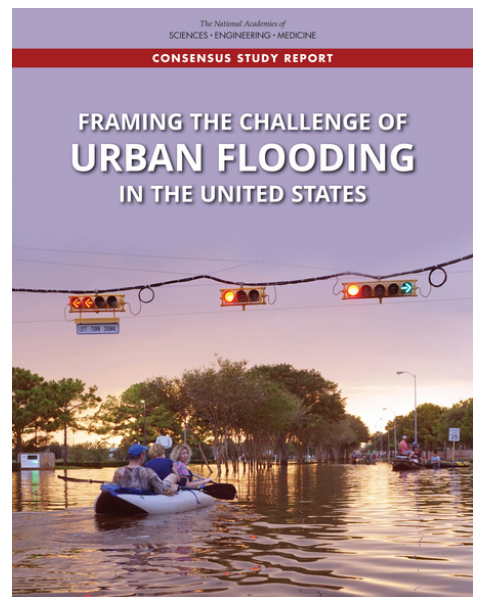
June 21, 2019
1:00 – 4:00PM

Dayton Area Board of Realtors
1515 S Main St, Dayton, OH 45409

Recently released by the National Academies of Sciences, Engineering, and Medicine, [Framing the Challenge of Urban Flooding in the United States](#) is a consensus study report that explores the causes, impacts, and actions for managing urban flooding in metropolitan areas. Urban flooding is the inundation of land or property in a built environment; caused by rain falling on increased amounts of impervious surfaces and overwhelming the capacity of drainage systems.

This seminar features Chad Berginnis, the Executive Director of the Association of State Floodplain Managers (ASFPM) who will discuss the recently released report, ASFPM programs and research, and developing issues such as flood insurance reform.

A panel of local experts will discuss how they are addressing urban flooding in their communities.



Agenda

Introduction to Urban Flooding and MCD's mission

- Kurt Rinehart, PE, Chief Engineer, Miami Conservancy District

Framing the Challenge of Urban Flooding in the United States

- Chad Berginnis, CFM, ASFPM Executive Director

Panel Discussion on Addressing Local Urban Flooding Issues

- Paul Gruner, PE, PS, Montgomery County Engineer
- Jim Logan, City of Hamilton Infrastructure Director
- Anil Tangirala, PE, ms consultants Inc.

Speaker Biographies

CHAD BERGINNIS, CFM, EXECUTIVE DIRECTOR

Chad became executive director of ASFPM in July 2012, after joining the association staff as associate director in 2011. Since 2000, he served the association as Insurance Committee chair, Mitigation Policy Committees' coordinator, vice chair and chair. He has a Bachelor of Science in natural resources from Ohio State University. Since 1993, his work has focused on floodplain management, hazard mitigation and land use planning at the state, local and private sector level.

As a state official, Chad worked in the Ohio Floodplain Management Program and was Ohio's state hazard mitigation officer. As a local official, Chad administered planning, economic development and floodplain management programs in Perry County, Ohio. In the private sector, he was the national practice leader in hazard mitigation for Michael Baker Jr. Inc.



KURT A. RINEHART, PE, CHIEF ENGINEER

For more than 40 years, Kurt Rinehart has served The Miami Conservancy District in its mission to protect people and property along the Great Miami River from flooding, preserve our region's water resources, and promote enjoyment of our waterways. He has been involved in the inspection, analysis and rehabilitation of MCD's dams and levees; management of extensive property holdings; collection and analysis of surface water and groundwater data; and improvement of the river corridor recreation amenities. Kurt has Bachelor of Civil Engineering and Master of Public Administration degrees from the University of Dayton, and is a Registered Professional Engineer in the State of Ohio.



PAUL GRUNER, PE, MONTGOMERY COUNTY ENGINEER

Paul is a registered Professional Engineer and Professional Surveyor and has a Bachelor of Science in Civil Engineering degree and a Master of Science degree from the University of Cincinnati. He worked in the Montgomery County Engineer's Office for 6 years before working in consulting engineering for 30 years at Woolpert, Inc. and Gresham, Smith and Partners. He returned to the Montgomery County Engineer's Office in February of 2010 as Chief Deputy Engineer and was appointed County Engineer in July of 2011. Paul is a native Daytonian and grew up in Kettering, graduating from Fairmont West High School.



JIM R. LOGAN, EXECUTIVE DIRECTOR OF INFRASTRUCTURE

Jim serves as the Executive Director of Infrastructure for the City of Hamilton, OH. He manages the strategic positioning and operational execution of public works and utility services; including electricity (generation, transmission, distribution), natural gas (distribution), storm water management, water (production, distribution), and wastewater (collection, treatment). Previously he served as the Engineering and Technical Services Unit Manager at BWX Technologies, Inc. During his time with BWXT, his team captured more than \$180MM of competitively bid contracts, scaled to create 120 new jobs, reactivated an 180,000-square-foot production facility to fabricate complex assemblies for Columbia Class nuclear submarines. Jim also worked for the United States Navy at Norfolk Naval Shipyard. As a civilian employee he prepared technical work procedures detailing requirements and instructions to modify, overhaul or repair components for nuclear and non-nuclear ships. He has a Bachelor of Science Degree in Welding Engineering from Ohio State University and an MBA from University of Southern Indiana.



ANIL TANGIRALA , PE, CPM, LEADER OF WATER RESOURCES PRACTICE

Anil is a professional engineer, Certified Floodplain Manager and ENVISION Sustainable Professional with 18 years of experience in water resources engineering. His expertise is in flood mitigation, hydrologic, hydraulic and water quality modeling and watershed management. He has served as a project manager and lead engineer for various municipal, state and federal projects involving flood mitigation and stormwater management for water quality and flood control. Anil is currently the chair of the Water Environment Federation Stormwater Congress and the Ohio Water Environment Association Watershed Management Committee.

