

Climate Change and Stormwater Panel Recording Link and Guide

Panel recorded November 10, 2020

Vimeo link to panel session recording: <https://vimeo.com/537890213>

Panel Session #1

- ❖ **Start time: 18:53**
“Resilient design guidelines,” Melissa Deas, Climate Program Analyst, Department of Energy & Environment’s (DOEE)
- ❖ **Start time: 30:32**
“Climate change planning for NYC stormwater management,” Alan Cohn, Managing Director of Integrated Water Management, New York City Department of Environmental Protection
- ❖ **Start time: 40:43**
“Climate change and stormwater: Philadelphia Water Department’s approach to creating actionable precipitation projections,” Julia Rockwell, Manager, Climate Change Adaptation Program, Philadelphia Water Department, Office of Watersheds
- ❖ **Start time: 51:51**
“Nonstationary precipitation intensity-duration-frequency curves for infrastructure design in a changing climate,” Amir AghaKouchak, Ph.D., Professor of Civil and Environmental Engineering and Earth System Science, University of California, Irvine

Panel Session #2

- ❖ **Start time: 1:26:10**
“Challenges in determining future extreme rainfall projections in Florida,” Ana Carolina Maran, Ph.D., P.E., District Resilience Officer, South Florida Water Management District
- ❖ **Start time: 1:36:03**
“Development and applications of next-generation rainfall IDF curves,” Xixi Wang, Ph.D., P.E., Professor, Civil and Environmental Engineering, Old Dominion University
- ❖ **Start time: 1:47:06**
“Climate impacts to restoration practices and BMPs,” Jonathan Butcher, Ph.D., Director/Principal Hydrologist, Tetra Tech, Inc.
- ❖ **Start time: 1:58:00**
“Baltimore City: A city built on the water,” Kimberly Grove, P.E., Chief, Office of Compliance and Research, Baltimore City, Department of Public Works, Maryland

Panel Session #3

- ❖ **Start time: 2:33:32**
“Changing Precipitation Patterns on Maryland’s Eastern Shore,” Kaye Brubaker, Ph.D., Associate Professor, Director Maryland Water Resources Research Center, Civil and Environmental Engineering, University of Maryland
- ❖ **Start time: 2:51:28**
“Lower North East Creek watershed master plan,” Bryan Lightner, County’s Zoning Administrator, Department of Land Use and Development Services, Cecil County, Maryland
- ❖ **Start time: 3:05:24**
“Developing future projected intensity duration frequency (IDF) curves for the Chesapeake Bay watershed,” Michelle Miro, Ph.D. Water Resources Engineer, The RAND Corporation