



2-DAY VIRTUAL CONFERENCE

Dec 9 & 10, 2020

8:30 a.m. to 12:30 p.m.

Stormwater Committee Seminar

Catching the Next Storm: Leveraging Decades of Experience to Meet Future MS4 Requirements



- Illicit Discharge Detection and Elimination
- Integrated Water Planning
- Emerging Pollutants
- BMP Performance Monitoring
- Innovative Projects and Technologies *6 PDHs available.*

REGISTRATION RATES

CWEA Members \$50
Non-Members..... \$60
Govt, Non-Profits, Students (w/ID).... \$20

SPONSORSHIPS

Sponsors..... \$100
Exhibitors \$250

Registration now open! tinyurl.com/SWSeminar2020

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AGENDA - DAY 1

8:30-8:45	Day 1 Welcome				Jessica Seipp, Dewberry, CWEA Chair		
	Golden Raindrop Award				2020 Recipient: Turgay Dabak, Ph.D., P.E., Atkins Presented by: Rebecca Winer-Skonovd, Biohabitats, 2019 Recipient		
8:45-9:15	KEYNOTE SPEAKER				The Challenges in Managing Water Quality Under a Changing Coastal Hydroclimate: Observational & Modeling Evidence" Jeff Yang, Ph.D., P.E., D.WRE - EPA Office of Research & Development		
9:15-10:15	Regulatory Update				Maryland:	Lisa Ochsenhirt, AquaLaw	
					Delaware:	Elaine Z. Webb, P.E., DNREC	
					District of Columbia:	Meredith Upchruch, Regulatory Review Division - DOEE & Matt Johnson, Stormwater Retention Credit Program	
10:15-10:25	10 min break [Exhibitor presentations]						
	Emerging Pollutants				BMP Performance Monitoring and Maintenance		
10:25-10:55	Session 1A	Contaminated stormwater and wastewater as drivers of polychlorinated biphenyl inputs to Back River, Baltimore City, Maryland	Emily Majcher, USGS	Session 2A	Breewood Watershed Restoration Study	Mark Sommerfield, Montgomery County; Thomas Jones, Versar, Inc	
10:55-11:25	Session 1B	Synthetic Turf Fields, Violation of Your MS4 Permit?	Kathleen Michels, Safe Healthy Playing Fields Inc and Friends of Sligo	Session 2B	Implementing Monitoring Results in Stormwater Control Measures Design	Robert Traver, Villanova University	
11:25-11:30	5 min break						
11:30-12:00	Session 1C	Emerging Contaminants (especially PFAS): Potential Impacts on Water Utilities	Tom Vollmar, KCI	Session 2C	Operating Large Scale Projects and Meeting Water Quality Standards	Michelle Osborn and Jessica Keicher, Maryland Environmental Service	
12:00-12:30	Session 1D	Compliance Assistance for Outdoor Salt Storage	Steve Strackbein, Fairfax County	Session 2D	Maintenance in the 21st Century – How can funding organizations get in the game?	Sadie Drescher, Chesapeake Bay Trust	

AGENDA - DAY 2

9:00-9:05	Day 2 Welcome				Jessica Seipp, Dewberry, CWEA Chair		
9:05-10:05	STREAM RESTORATION PANEL DISCUSSION				- Anne Hairston-Strang, Ph.D., MD Forest Service - DNR - Bill Stack, Center for Watershed Protection - Kate Bennett, Montgomery Co. DEP - Joe Berg, Biohabitats - Trey Sherard, Anacostia Riverkeeper		
10:05-10:15	10 min break [Exhibitor presentations]						
	Stormwater Analysis and Flood Modeling				Stormwater Design and BMP Reporting		
10:15-10:45	Session 1E	Analysis of Short Duration/High Intensity Rainfall Events in Fairfax County, VA	Turgay Dabak and Donald Demetrius, Atkins	Session 2E	Green Infrastructure and Community Engagement	Jeanne Braha, Rock Creek Conservancy	
10:45-11:15	Session 1F	Evolution of Area-wide Survey Designs for Streams in Maryland	Mark Southerland, Tetra Tech	Session 2F	The Solution to Designing Climate Resilient Stormwater Infrasctructure is in the Forecast	Robert G. Bathurst, Century Engineering	
11:15-11:20	5 min break						
11:20-11:50	Session 1G	Pluvial Flooding Vulnerability Assesement in Clover Hill, Frederick County, MD	Dano Wilusz, Dewberry Engineers Inc. Angelia Miller, Frederick County Government	Session 2G	Lost in Transit? Tracking BMPs from Your Dataset to CAST	Stephanie MacDurmon, Brown and Caldwell	
11:50-12:20	Session 1H	Use of 2D HEC-RAS Modeling to Maximize MS4 Retrofit Planning	Wendell Buckman and David Hanny, Barton & Loguidice, DPC	Session 2H	Next Generation Stormwater Reporting	Matthew Zelin, Hazen and Sawyer	
12:20-12:30	Raffle & Adjourn						