



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

REGISTRATION RATES

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

SPONSORSHIPS

Sponsors \$100
 Exhibitors \$250

6 PDHs available.

Registration now open! tinyurl.com/SWSeminar2020

Special Thanks To Our Annual Platinum Sponsors



Annual Sponsors: Gold

ACE
 EA Engineering, Science,
 and Technology, Inc., PBC
 Gannett Fleming
 Hazen and Sawyer

HDR, Inc.
 Heyward, Inc.
 IPR Northeast
 Kappe Associates, Inc.
 KCI Technologies, Inc.

RJN Group
 Whitman Reardon
 and Associates

Silver

Dutchland, Inc.
 JMT
 Keystone Engineering
 RK&K

Bronze

Chesapeake
 Environmental
 Equipment
 Ferguson



Stormwater Committee Seminar

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

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 Upchuch, Regulatory Review Division - DOEE & Matt Johnson, Stormwater Retention Credit Program	
10:15-10:25	<i>10 min break [Exhibitor presentations]</i>					
	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	<i>5 min break</i>					
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			<ul style="list-style-type: none"> - 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	<i>10 min break [Exhibitor presentations]</i>					
	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 Infrastructure is in the Forecast	Robert G. Bathurst, Century Engineering
11:15-11:20	<i>5 min break</i>					
11:20-11:50	Session 1G	Pluvial Flooding Vulnerability Assessment 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	<i>Raffle & Adjourn</i>					