

# DRAFT AGENDA

## 11th Biennial Bay-Wide Stormwater Partners' Retreat

April 12-14, 2023

National Conservation Training Center  
Shepherdstown, West Virginia



## Agenda for 2023 Bay-wide Stormwater Retreat

<b>RETREAT AGENDA AT A GLANCE</b>		
<b>DAY 1: April 12<sup>th</sup></b>		
	<b>Special Pre-Conference Hybrid Event:</b>	
	<b><i>Stormwater Career Fair</i></b>	
2:00 – 4:00	In this inaugural event, participants will have an opportunity to hear from a variety of industry leaders about the stormwater profession, and the skills that are necessary to succeed. There will then be networking opportunities provided to both in-person and virtual attendees. (60-seat room)	
5:30 - 7:30	<b>DINNER</b>	
7:30 --	<b>Networking</b>	
<b>DAY 2: April 13<sup>th</sup></b>		
6:30 - 8:15	<b>BREAKFAST</b>	
8:30 – 8:45	<b>Welcome and Opening Remarks</b> <i>Speaker:</i> <ul style="list-style-type: none"> <li>• David Wood – Executive Director, CSN</li> </ul>	
8:45 – 10:00	<b>Opening Plenary Session: Stormwater and the Chesapeake Bay Partnership in 2025 and Beyond</b> <i>Speakers:</i> <ul style="list-style-type: none"> <li>• To Be Announced</li> </ul>	
10:15 - 10:30	<b>BREAK</b>	
	<b>Track 1</b>	<b>Track 2</b>
10:30 – 11:45	<b>A. MS4 Roundtable</b>	<b>B. Urban Nutrient Management and Fertilizer Application</b>
11:45 – 12:45	<b>LUNCH</b>	
1:00– 2:15	<b>C. Successful Collaborations in Urban Implementation</b>	<b>D. More Meaningful Community Engagement</b>
2:15 – 2:30	<b>BREAK</b>	

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2:30 – 3:45	<b>E. Beyond Nutrients: Chlorides, Toxics, and Plastics</b>	<b>F. Next Gen Stormwater Training</b>
4:00 – 5:15	<b>G. Investing in the Urban Sector in the Next 5 Years</b>	<b>H. Urban Soil Health</b>
5:30 - 7:30	DINNER	
7:30 -	NETWORKING	

<b>DAY 3: April 14<sup>th</sup></b>		
7:30 – 8:30	BREAKFAST	
	<b>Track 3: 60 seat Room</b>	<b>Track 4: 45 seat room</b>
9:00 - 10:15	<b>I. Climate Change and Stormwater: Ramping Up Resilient Implementation</b>	<b>J. Evaluating the Stormwater Sector Heading into 2025</b>
10:15-10:30	BREAK	
10:30 – 11:45	<b>K. Climate Change and Stormwater: Dealing with the Challenges of Coastal Stormwater Management</b>	<b>L. UDEL Stakeholder Panel: Developing More Effective and Equitable Green Infrastructure Strategies</b>
12:00 – 1:00	LUNCH & DEPARTURE	

### Session Details

#### *Stormwater Career Fair.*

- This is a special session for that will bring together stormwater sector employers and CUSP scholarship participants and young professionals. The event will be hybrid, with both in-person and virtual attendees.
- A panel of employers will discuss opportunities in their sector, what they are looking for from successful job candidates, and the benefits of working in stormwater. Panelists will represent government, private sector, academia and NGOs.
- Following panel presentations, a rotation of meet and greets will be set up to allow discussion with panelists and several other attendees.

#### **Opening Plenary Session:** *Stormwater and The Chesapeake Bay Partnership in 2025 and Beyond (Auditorium).*

**A. MS4 Roundtable.** Panel discussion on the successes and flops from MS4s around the Bay watershed over the past few years, and perspectives on where we are heading. How can we improve future permits, etc.

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**B. Urban Nutrient Management and Fertilizer Application.** It has now been 10 years since the Urban Nutrient Management Expert Panel report was approved. In the years since, changes to the Chesapeake Bay Program's modeling tools, new statewide fertilizer legislation, and the adoption of a BMP verification framework have created a need to revisit how we think about urban nutrient application. This session will outline the main challenges to properly simulating urban nutrient management, new potential data sources, and ongoing research on urban soil nutrient dynamics.

**C. Successful Collaborations in Urban Implementation.** Through partnerships and collaborative models of engagement and project delivery, both small and large communities can increase the impact of their restoration efforts. This session will showcase a series of exemplary Innovative Nutrient and Sediment Reduction (INSR) NFWF grantees and some transferrable lessons from their projects.

**D. More Meaningful Community Engagement.** Meaningful community engagement is critical to the ultimate success of our restoration programs. Developing relationships with community members and key stakeholders will help ensure that we are addressing actual needs, considering diverse perspectives, and growing a network of stewards who will ultimately improve the long-term success of our projects. In this session, we will discuss new research on how our community engagement and outreach efforts affect the success of our stormwater work, and hear several examples of successful models for effective engagement.

**E. Beyond Nutrients.** There is more to stormwater management than nutrients and sediments! In this session, we will focus on a range of other pollutants to hear about advancements in the science and management of plastics, chlorides and PFAS.

**F. Next Gen Stormwater Training.** In response to a need for more organizational capacity, a more diverse workforce, and stronger stormwater programs, we now have more training programs available than ever before. But as we move forward, there is also a need to make sure that as training and capacity building organizations, we coordinate to ensure we maximize our reach and impact in an efficient way. In this session, we will discuss efforts to grow the capacity of training organizations, offer complimentary training programs, and promote pathways to diverse employment opportunities in the watershed restoration field.

**G. Investing in the Bay Urban Sector over the Next 5 Years.** Given the big expected increase in federal and other funding for Bay restoration over the next few years, what are the best places, practices and partnerships to fund to get the most out of this one-time investment?

**H. Urban Soil Health.** Land disturbance from urban development has taken a significant toll on soils across the region due to compaction, contaminants, and inefficient vegetated landscape management. Consideration to maintain and restore healthy soils on developed land is lacking in current environmental regulations, community priorities and among the general population. This panel will discuss the

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importance of urban soil restoration along with several case studies and recent examples of efforts to improve local urban soil health.

***I. Climate Change and Stormwater: Ramping up Resilient Implementation.*** In our first session devoted to climate change and stormwater, we will focus on efforts across the watershed to support the implementation of more climate-resilient stormwater practices through the use of new tools like the climate-informed projected IDF curves. We will hear a report on what barriers remain, and efforts to update state and local guidance on climate resilient stormwater design.

***J. Evaluating the Stormwater Sector Heading into 2025.*** In this interactive session, participants will be invited to discuss where the stormwater sector stands toward meeting our load reduction goals and give a candid assessment of where and how we fell short. More importantly, we will turn to the future to discuss strategies to do a better job in the future.

***K. Climate Change and Stormwater: Dealing with the Challenges of Coastal Stormwater Management.*** Managing stormwater in the coastal plain presents its own set of design challenges, which are only exacerbated with the combined effects of sea level rise and increased precipitation. This session will focus on what stormwater practices are working and not working, some potential considerations for future coastal design adaptations, and possible innovative approaches to dealing with the challenges of coastal stormwater management.

***L. UDEL Stakeholder Panel: Developing More Effective and Equitable Green Infrastructure Strategies.*** This interactive session is in support of partners from the University of Delaware. Participants will work with the project team to provide feedback on the challenges surrounding green infrastructure implementation and how to prioritize what social, behavioral, economic, policy, and/or hydrologic research is needed to develop more effective and equitable GI strategies.