

2026 APWA Stormwater Conference Technical Agenda

Benton Convention Center | Winston-Salem, NC | September 13-15

SUNDAY, September 13

11:30 - 4:30	GOLF OUTING
1:00 - 3:00	VOLUNTEER LITTER CLEANUP
5:00 - 7:00	REGISTRATION – WINSTON FOYER
6:00 - 8:00	SUNDAY SOCIAL – WINSTON 1–2, BENTON CONVENTION CENTER

MONDAY, September 14

7:00 - 8:00	REGISTRATION – SALEM FOYER
7:00 - 8:00	CONTINENTAL BREAKFAST – SALEM 2

WELCOME & KEYNOTE – SALEM 2

8:00 - 8:15	Welcome - 2026 APWA-NC Chapter President - 2026 APWA-NC Stormwater Management Division President
8:15 - 8:45	Keynote Speaker - Scott Shipley, Calibre Engineering

REGULATORY, LEGISLATIVE & FUNDING UPDATES – SALEM 2

8:45 - 9:20	♦ North Carolina Stormwater Regulatory Update - Isaiah Reed, NCDEQ MS4 Program Coordinator
9:20 - 9:40	♦ North Carolina Legislative Update - Patrick Buffkin, NC League of Municipalities
9:40 - 10:00	♦ The Future of Stormwater Funding in North Carolina - Antonio V. Evans, NC Department of Environmental Quality
10:00 - 10:30	BREAK WITH PARTNERS – EXHIBIT HALL, WINSTON 1–2

GENERAL SESSION I – FLOOD RISK & WATERSHED PLANNING – SALEM 2

10:30 - 11:00	♦ Enhancing Floodplain Professionals' Capacity to Support Communities Experiencing Flood-Related Trauma - Tom Ennis and Dr. Anne Katherine Jacobs, SEH
11:00 - 11:30	♦ Beyond the Binder: Putting Watershed Master Plans to Work - David Phlegar, City of Greensboro
11:30 - 12:00	♦ Coordinating Complexity – Lessons from Greensboro's Three-Watershed Planning Program - David Phlegar, City of Greensboro Travis Crissman, Kimley-Horn Cameron James, McAdams Matthew Armstrong, Stantec
12:00 - 1:30	LUNCH & AWARD PRESENTATION – SALEM 2 - H. Rooney Malcom Stormwater Professional of the Year

PARALLEL SESSIONS

FUNDING, FINANCE & PROGRAM CAPACITY, WINSTON 3

1:30 - 3:00	♦ Planning That Pays Off: Using Data-Driven Stormwater Planning to Secure Infrastructure Funding - Mike Huffman, City of Hendersonville Brendan Byrne, Ardurra
	♦ Buildings for BCAs: Building a Benefit-Cost Toolkit for Public Works Projects - Neal Banerjee, Freese & Nichols
	♦ Resiliency through Sustainable Funding and Financing - Dori Sabeh, Amanda Whitaker, and Shannon Moore, WithersRavenel

TECHNOLOGY, AI & COMMUNICATIONS, SALEM 1

1:30 - 3:00	♦ GIS Solutions for SCM Program Management - Michael Mazanek and Emily Cochran, Town of Cary
	♦ The 2:17 AM Storm: How AI Is Transforming Stormwater Communication, Public Engagement, and Emergency Response - Kelly Flowers Hass, Jones Edmunds
	♦ Technology Dependence and Litigation: A Cautionary Approach - David Joseph Señeres, City of Archdale

COASTAL FLOODING & RESILIENT PLANNING, SALEM 3

1:30 - 3:00	♦ Sand, Setbacks & Stormwater: Solving Coastal Flooding Challenges - Brice Taylor, Town of Oak Island Michael Tassitino, Ardurra
	♦ Beyond the Surface: Using Integrated Coastal Flood Modeling - Amanda Hollingsworth and Lisa Small, WithersRavenel
	♦ Nags Head, NC: Innovative One Water Approach to Navigating Coastal Stormwater Challenges - David Ryan, Town of Nags Head Alicia Lanier, Arcadis

3:00 - 3:30 BREAK WITH PARTNERS – EXHIBIT HALL, WINSTON 1–2

PARALLEL SESSIONS

STORMWATER UTILITIES & PROGRAM IMPLEMENTATION, WINSTON 3

3:30 - 5:00	♦ From Compliance to Capability: Building a Functional Stormwater Utility in Garner - Jaclyn Stannard, Town of Garner Daryl Hammock, Ardurra
	♦ As-Built - What Are They Worth? - Billy Lee, Town of Cary David Duncan, Timmons Group
	♦ Beyond Compliance: Presenting the Value of Your Stormwater Program to the Public - Emily Harrison, Village of Clemmons

FLOOD MODELING & CAPITAL DELIVERY, SALEM 1

3:30 - 5:00	♦ The Rise of 2D: Comparisons, Opportunities, and Challenges with Traditional 1D Approaches - Neal Banerjee, Freese & Nichols
	♦ Planning-Level Systemwide Flood Modeling - Storme Spencer, City of Charlotte Steve Godfrey, Woolpert
	♦ 'More Than Just The Creek...' - Flood Mitigation at Crabtree Valley Mall - Chris Stanley and Brie Saur, McAdams

GREEN INFRASTRUCTURE & WATER QUALITY, SALEM 3

3:30 - 5:00	♦ Bridging Nature and Neighborhoods: The Environmental Benefits of Green Highways - Amy Black and Brad Woznak, SEH
	♦ Growing Solutions: Equity-Centered Green Stormwater Infrastructure - Daniel Wiebke, McAdams Antwon Williams, City of Durham
	♦ Effective Strategies for Reducing Bacteria in Watersheds: Insights from Southeast Durham - Anna Brand, Geosyntec Consultants

6:00 – 8:30 MONDAY SOCIAL – KALEIDEUM, 120 W. 3rd St.

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TUESDAY, September 15

7:30 – 8:30 CONTINENTAL BREAKFAST – SALEM 2

PARALLEL SESSIONS

ASSET MANAGEMENT & REHABILITATION, SALEM 3

- 8:30 - 10:00
- ◆ Recognizing Streams as Infrastructure: A Path to Sustainable Asset Management
- Ian Jewell, Freese & Nichols
 - ◆ Fix It Before It Fails: Raleigh's Stormwater Pipe Rehabilitation Program
- Sheri Smith, Claudia White, and Kinley Rojzman, City of Raleigh
 - ◆ An Urban Rehabilitation Retrospective of the Glenwood-Creston Drainage Improvements: Risks, Realities, and Results
- Erik Mayr, City of Raleigh | Travis Crissman, Kimley-Horn

STREAM RESTORATION & NATURE-BASED SOLUTIONS, SALEM 1

- 8:30 - 10:00
- ◆ Beyond a Spot Fix: Leveraging Stream Enhancements to Protect Infrastructure and Improve Water Quality in an Urban Corridor
- Raven McLaurin, City of Durham | David Hursey, Kimley-Horn
 - ◆ Rebuilding Roads and Rivers: Post-Helene Stream Design Strategies
- Katie Clatterbuck, HDR
 - ◆ The Partnership, Planning, and Technical Delivery Behind The Grounds in Winston-Salem
- Rebecca Stubbs, McAdams | Jane Duncan, Front Street Capital

FLOOD RESILIENCE AND COMMUNITY RECOVERY, WINSTON 3

- 8:30 - 10:00
- ◆ Managing Retail in the Floodway
- Fred Royal, Royal Water Resources
 - ◆ Cedar Street – Applying Innovation to Infrastructure Resiliency in Center-City Charlotte
- Crystal Goode, City of Charlotte
 - ◆ More Than a Culvert: Turning Flood Control into Community Connection
- Emily Brown, Freese & Nichols | Mary DePina, City of Sanford

10:00 - 10:30 BREAK WITH PARTNERS – EXHIBIT HALL, WINSTON 1–2

PARALLEL SESSIONS

PLANNING & IMPLEMENTATION, SALEM 1

- 10:30 - 12:00
- ◆ Staying on Track: Trenchless Culvert Installation under CATS Blue Line
- Owen Britt, WSP
 - ◆ EPA Real Water Technical Assistance: A North Carolina Story
- Brian Hawley, Town of Stantonsburg | Maureen Harris, AECOM
 - ◆ Driving Downtown Development through Downstream Detention
- Jaclyn Stannard, Town of Garner | Samantha Illes and Allison Gustafson, Kimley-Horn

INFRASTRUCTURE RETROFITS & TREATMENT PERFORMANCE, SALEM 3

- 10:30 - 12:00
- ◆ Re-Imagining an Old Stormwater Measure 40 Years Later: Dry Detention Basin Retrofits
- Patrick Blandford, HDR | Caleb Frase, City of Charlotte
 - ◆ Beyond Detention: Balancing Water Quality and Community Needs
- Brandon Miller, WithersRavenel
 - ◆ Gabion Baskets in Ponds? Some Things to Consider...
- Todd St John, AECOM

COMMUNITY RESILIENCE & INFRASTRUCTURE, WINSTON 3

- 10:30 - 12:00
- ◆ Beyond the Flood: Data-Driven Resilience Planning for Public Works Infrastructure
- Annamarie Eustice and Lydia Ward, Freese & Nichols
 - ◆ Frameworks for Resilience: Re-imagining Opportunities After the Flood
- Mike Robinson, Summit
 - ◆ Lower Mud Creek Floodplain Restoration: Integrating Flood Risk Reduction, Ecological Restoration and Public Access
- Mike Huffman, City of Hendersonville

12:00 - 1:15 LUNCH & DOOR PRIZES – SALEM 2

GENERAL SESSION II – STATEWIDE TOOLS, RESEARCH & FUTURE PRACTICE – SALEM 2

- 1:15 - 1:40
- ◆ Finding the Best Fit: Nature-Based Solutions on NCDOT Remnant Properties
- Tarek N. Aziz, NC State University
- 1:40 - 2:05
- ◆ NCSU Stormwater Research Updates
- Savannah Roth and Vini Taguchi, NC State University
- 2:05 - 2:30
- ◆ A Hybrid Physics-AI Framework for Basin-Scale Hurricane Flood Modeling and Rapid Urban Flood Prediction
- Yared Gebregziabher, NC A&T State University
- 2:30 - 2:55
- ◆ State Resilience and Recovery Closing Session: Lessons for Stormwater and Public Works After Helene
- Kathie Dello, State Resilience Office

AWARD PRESENTATION

- Stormwater Projects of the Year

CLOSING, DOOR PRIZES & GRAND PRIZE DRAWING

Conference Locations

Salem 2 – General Sessions & Meals
Salem 1 / Salem 3 / Winston 3 – Breakouts
Winston 1–2 – Exhibit Hall

