

# 2026 APWA Stormwater Conference Technical Agenda

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

### SUNDAY, September 13<sup>TH</sup>

- 12:00 – 4:00 **GOLF (Details to be provided)**
- 1:00 - 3:00 **VOLUNTEER LITTER CLEANUP (Details to be provided)**
- 5:00 - 7:00 **REGISTRATION, BENTON CONVENTION CENTER**
- 6:00 - 8:00 **SUNDAY SOCIAL, WINSTON ROOMS, BENTON**

### MONDAY, September 14<sup>TH</sup>

- 7:00 - 8:00 **REGISTRATION & CONTINENTAL BREAKFAST**

#### WELCOME & KEYNOTE - GENERAL SESSION ROOM

- 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 - GENERAL SESSION ROOM

- 8:45 - 9:20 ♦ **North Carolina Stormwater Regulatory Update**
  - Isaiah Reed, NCDEQ MS4 Program Coordinator
- 9:20 - 9:40 ♦ **North Carolina Legislative Update**
  - (Details to be provided)
- 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**

#### GENERAL SESSION I – FLOOD RISK & WATERSHED MASTER PLANNING

- 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, EXHIBIT HALL**  
**AWARD PRESENTATION**
  - H. Rooney Malcom Stormwater Professional of the Year

#### PARALLEL SESSIONS

##### FUNDING, FINANCE & PROGRAM CAPACITY, TRACK ROOM 1

- 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, Shannon Moore, WithersRavenel

##### COASTAL FLOODING & RESILIENT PLANNING, TRACK ROOM 2

- 1:30 - 3:00 ♦ **Sand, Setbacks & Stormwater: Solving Coastal Flooding Challenges**
  - Brice Taylor, Town of Oak Island | Michael Tassitino, Ardurra Group
- ♦ **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

##### TECHNOLOGY, AI & COMMUNICATIONS, TRACK ROOM 3

- 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 Seneres, City of Archdale

- 3:00 - 3:30 **BREAK WITH PARTNERS, EXHIBIT HALL**

#### PARALLEL SESSIONS

##### STORMWATER UTILITIES & PROGRAM IMPLEMENTATION, TRACK ROOM 1

- 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

##### GREEN INFRASTRUCTURE & WATER QUALITY, TRACK ROOM 2

- 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

##### FLOOD MODELING & CAPITAL DELIVERY, TRACK ROOM 3

- 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 | Nirit Finkelshstn, McAdams

- 5:30 - 7:30 **MONDAY SOCIAL, KALEIDEUM 120 W 3rd St**

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## TUESDAY, September 15<sup>TH</sup>

8:00– 9:00 CONTINENTAL BREAKFAST

### PARALLEL SESSIONS

#### ASSET MANAGEMENT & REHABILITATION, TRACK ROOM 1

- 9:00 - 10:30
- ♦ 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, TRACK ROOM 2

- 9:00 - 10:30
- ♦ 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
  - ♦ Nutrient Truth: Best Practices in Developing Accurate and Realistic Nutrient Removal Rates from Stream Restoration and Enhancement Projects  
- Ian Jewell, Freese & Nichols

#### FLOOD RESILIENCE AND COMMUNITY RECOVERY, TRACK ROOM 3

- 9:00 - 10:30
- ♦ 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

10:30 - 11:00 BREAK WITH PARTNERS, EXHIBIT HALL

### PARALLEL SESSIONS

#### PLANNING & IMPLEMENTATION, TRACK ROOM 1

- 11:00 - 12:30
- ♦ Staying on Track: Trenchless Culvert Installation under CATS Blue Line  
- Owen Britt, WSP
  - ♦ EPA Real Water Technical Assistance: Small Town's 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, TRACK ROOM 2

- 11:00 - 12:30
- ♦ Re-Imagining an Old Stormwater Measure 40 Years Later: Dry Detention Basin Retrofits  
- Patrick Blandford, HDR
  - ♦ Beyond Detention: Balancing Water Quality and Community Needs  
- Brandon Miller, WithersRavenel
  - ♦ Gabion Baskets in Ponds? – Maybe Not, and Here's Why...  
- Todd St John, AECOM

#### COMMUNITY RESILIENCE & INFRASTRUCTURE, TRACK ROOM 3

- 11:00 - 12:30
- ♦ Beyond the Flood: Data-Driven Resilience Planning for Public Works Infrastructure  
- Annamarie Eustice & 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

12:30 - 1:30 LUNCH AND DOOR PRIZES, EXHIBIT HALL

### GENERAL SESSION II - STATEWIDE TOOLS, RESEARCH & FUTURE

#### PRACTICE

- 1:30 - 2:00
- ♦ Finding the Best Fit: Nature-Based Solutions on NCDOT Remnant Properties  
- Tarek N. Aziz, NC State University
- 2:00 - 2:30
- ♦ NCSU Stormwater Research Updates  
- Savannah Roth and Vinnie Vini Taguchi, NC State University
- 2:30 - 3:00
- ♦ 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