

2022 APWA Stormwater Conference Agenda | September 18-20

SUNDAY, SEPTEMBER 18TH

6:00 PM – 8:00 PM Registration & Sunday Social

MONDAY, SEPTEMBER 19TH

7:00 – 8:00AM Registration and Continental Breakfast

8:00 – 8:10AM Welcome — *Everett Gupton (2022 Chapter President)*

8:10 – 8:15AM APWA State Chapter Remarks — *Becky Bost, State Chapter President*

8:15 – 8:45AM Keynote Speaker — *Don Schwenneker - Chief Meteorologist at ABC11*

REGULATORY & LEGISLATIVE UPDATES, SALEM 2

8:45 – 9:15AM ♦ State Stormwater Updates
— *Danny Smith, NCDEQ*

9:15 – 10:00AM ♦ Legislative Update
— *John McDonald, NC League of Municipalities*

10:00 – 10:30AM BREAK WITH PARTNERS

GENERAL SESSION #2 - FUNDING, SALEM 2

10:30 – 11:00AM ♦ A New Era of Infrastructure Funding — *Mark Van Auken, Arcadis*

11:00 – 11:30AM ♦ Developing and Funding County Stormwater Programs in North Carolina
— *Katie Cromwell, Raftelis; Ryan D. Eaves, Durham County*

11:30 – 12:00PM ♦ Next Generation Master Planning to Address Evolving Needs - *Matthew Jones, Hazen*

12:00 – 1:30PM LUNCH WITH PARTNERS

PARALLEL SESSIONS

TECHNICAL SESSION 1A - STREAMS, SALEM 1

1:30 – 2:00PM ♦ Design By Constraint: Embracing the Challenges of Urban Stream Restoration — *Jason C. Doll, KCI*

2:00 – 2:30PM ♦ Waters of the United States: Meandering Regulatory Riffles, Pools and Runs — *Ward Marotti, Spangler Environmental, Inc.*

2:30 – 3:00PM ♦ Living Bank Pins! A Compilation of Erosion Rate Analysis across the Piedmont of North Carolina using Root Dendrogeomorphology — *Ian Jewell, Freese and Nichols; Emily Brown, Freese and Nichols*

TECHNICAL SESSION 1B - SMALLER SCALE MASTER PLANS, SALEM 3

1:30 – 2:00PM ♦ Planning for the Future — Town of Morrisville Stormwater Master Plan — *Wesley "Ross" Perry, WithersRavenel; Antonio De Cecco, WithersRavenel*

2:00 – 2:30PM ♦ Good, Better, Best: How to Prioritize Projects from Stormwater Master Plans — *Samantha Illes, Kimley Horn*

2:30 – 3:00PM ♦ City of Salisbury Stormwater Masterplan: Planning from Zero to Sixty — *Patrick Blandford, HDR; Tunde Adeyeye, HDR; Michael Hanna, HDR*

3:00 – 3:30PM BREAK WITH PARTNERS

PARALLEL SESSIONS

TECHNICAL SESSION 2A - GROUP 5: SCMS, SALEM 1

3:30 – 4:00PM ♦ Design and Construction of a Subsurface Gravel Wetland in the North Carolina Highway Environment — *Jason Wright, TetraTech; Bobby Tucker, TetraTech; Ryan Mullins, NCDOT*

4:00 – 4:30PM ♦ Location, Location, Location — *Hunter Freeman, McAdams*

4:30 – 5:00PM ♦ Stormwater Wetland Retrofit: A UNC Campus Case Study — *Amy Black, LJB; Jamie Smedsmo, UNC*

TECHNICAL SESSION 2B - REDEVELOPMENT; MODELING, SALEM 3

3:30 – 4:00PM ♦ Seizing on Redevelopment to Incorporate Large Multi-Use Stormwater BMPs — *Ben Nash, Brown & Caldwell; Tom Blue, Brown & Caldwell*

4:00 – 4:30PM ♦ A Review of Potential Impacts of Climate Change on Stormwater Systems — *Stephanie MacDurmon, PE, Brown & Caldwell;*

4:30 – 5:00PM ♦ City of Fort Worth Cumulative Impacts Assessment — *Holly Miller, TetraTech*

STORMWATER EDUCATION TOOLS

3:30 – 5:00PM ♦ "Interactive Tools For Stormwater Education v3.0" — *Wendi Hartup & Friends*

5:30 – 7:00PM SOCIAL - FOOTNOTE (LOCATED @ 634 W. 4th St., Ste. 120)

TUESDAY, SEPTEMBER 20TH

7:00 – 9:00AM Continental Breakfast

PARALLEL SESSIONS

TECHNICAL SESSION 3A - INFRASTRUCTURE, SALEM 1

9:00 – 9:30AM ♦ Sustainability Benefits from Monitoring Stormwater in your Community/MS4-SCM's, Flooding, and Water Quality — *Brent Register, OTT Hydromet; Derek Slocum, OTT Hydromet*

9:30 – 10:00AM ♦ Live Forecast Modelling for a More Resilient Utility — *Ryan Brown, Autodesk/Innovyze*

10:00 – 10:30AM ♦ Innovative Flow Control Technology for Stormwater Ponds — *Warren Faircloth, Faircloth Skimmer*

TECHNICAL SESSION 3B - STORMWATER CASE STUDIES, SALEM 3

8:00 – 9:30AM ♦ Using Technology to Enhance Levels of Service for Critical Infrastructure — *Brandon Inscore, WithersRavenel*

9:30 – 10:00AM ♦ InfoWorks ICM for Stormwater Master Planning: Little Cross Creek Case Study — *Travis Crissman, Kimley Horn; Byron Reeves, Fayetteville; Jason Smithheart, Moffat Nichol*

10:00 – 10:30AM ♦ Leading by Example: Raleigh's Green Stormwater Infrastructure Program — *Jonathan Smith, Tetra Tech; Sally Hoyt, City of Raleigh*

10:30 – 11:00AM BREAK WITH PARTNERS

PARALLEL SESSIONS

TECHNICAL SESSION 4A - LARGE SCALING MASTER PLANS, SALEM 1

11:00 – 11:30AM ♦ Cape Fear 02/03 Regional Watershed Plan — *Jenny Fleming, VHB; Courtney Carpenter, VHB; Ivy Huang, VHB*

11:30 – 12:00PM ♦ Active Water Management in the Lake Mattamuskeet Watershed — *Alessa Braswell, Geosyntec Consultants*

12:00 – 12:30PM ♦ Repurposing HEC-RAS Models for Flood Forecasting Purposes in Mecklenburg County, NC — *Peter J. Singhofen, Streamline Technologies; Warren McKinnie, Streamline Technologies*

TECHNICAL SESSION 4B - MS4 PROGRAMS, SALEM 3

11:00 – 11:30AM ♦ Outside the Box Ideas for your MS4 Program - *Annette Lucas, McAdams*

11:30 – 12:00PM ♦ AGOL Data Collection for MS4 Compliance: Collaborating in the Cloud — *Patrick Blandford, HDR; Katie Clatterbuck, HDR; Neil Uldrick, City of Winston Salem*

12:00 – 12:30PM ♦ Programmatic Refinements in a Growing City — *Henrietta Locklear, Raftelis; Daryl Hammock, Charlotte*

12:30 – 1:45PM LUNCH & DOOR PRIZES / H. ROONEY MALCOM

STORMWATER PROFESSIONAL AND PROJECTS OF THE YEAR AWARD PRESENTATION

GENERAL SESSION #3

1:45 – 2:30PM ♦ Asset and Data Management: Panel Discussion

2:30 – 3:15PM ♦ Update from the Mothership: Ongoing Stormwater Research at NC State — *Bill Hunt, NC State*

3:15 – 3:30PM CLOSING & ADJOURN / GRAND PRIZE / PRESIDENT ELECT