

Chattanooga Development Symposium

Tuesday, August 13, 2024

AGENDA

Room	HSC 1083	HSC 1085	HSC 1087
7:30-8:00am	<b>Registration and Refreshments in the Lobby</b>		
8-8:20am	<b>Telecast of Welcome Keynote</b>	<b>Welcome Keynote</b> Maria Price, PE, M. ASCE, Chattanooga Development Symposium Director, Assistant City Engineer, City of Chattanooga	<b>Telecast of Welcome Keynote</b>
8:20-8:50am	<b>TCA - Concrete Emerging Tech and Research</b> Alan Sparkman, Tennessee Concrete Association	<b>Planning and Building for a Sustainable, Equitable and Resilient Chattanooga</b>	<b>Tennessee Department of Environment and Conservation Water and Sewer Plans Review</b> Angela Jones, PE, CPM, Manager, Engineering Services Unit, TDEC
8:50-9:20am	<b>TDOT - Advancements in Geodetic Practices and UAS Applications at TDOT: Mapping Underground Culvert Systems in Toxic Environments</b> Doug Ford, PE, RLS, Tennessee Department of Transportation	Erik Schmidt, Director, Office of Sustainability, City of Chattanooga; Dan Reuter, FAICP, Director, Chattanooga-Hamilton County Regional Planning Agency	<b>Chattanooga's Riparian Buffer Review Process</b> J. Jeremy Swilley, CPESC, CPMSM, HMT, QHP-IT, Site Development Manager, City of Chattanooga
9:20am - 9:35am	<b>Break - Check out Poster Presentations and visit Sponsors in the Lobby!</b>		
9:35-10:05am	<b>Harnessing Drone Technology: Applications and Innovations in Development</b> Jeremy Davis	<b>Updates from Tennessee Emergency Management Agency/NFIP</b>	<b>City of Chattanooga Post-Construction Stormwater Regulatory Expectations</b> Josh Rogers, City of Chattanooga
10:05-10:35am	<b>Understanding the TDEC Aquatic Resource Alteration Permit Process</b> Jason Dees, Tennessee Department of Environment and Conservation	Jeremy Holley, CFM, State NFIP Coordinator, TEMA; Kevin Gardner, East Region NFIP Specialist, TEMA	<b>Updates to City of Chattanooga Street Cut Repair Requirements</b> Carmen Harvey, City Transportation Engineer, City of Chattanooga, Dept of Transportation
10:35-11:05am	<b>TCA - Concrete Sustainability</b> Alan Sparkman, Tennessee Concrete Association	<b>Panel Discussion - Navigating Alternative Delivery Methods: Harmonizing Innovation with Regulatory Frameworks in Construction and Engineering</b>	<b>A Review of Compensory Mitigation</b> Casey Ehorn, Deputy Chief, Regulatory Division, U.S. Army Corps of Engineers
11:05-11:35am	<b>Solid Waste Planning, A Decade at a Time</b> Ryan Schulze, Material Management Program, Tennessee Department of Environment and Conservation	Scott Sheumaker and Steve Jay, Brasfield & Gorrie; Craig Parker, Gresham Smith; Elizabeth Goss, City of Chattanooga	<b>Clean Water Act Jurisdiction Updates</b> Ken McMahan, U.S. Army Corps of Engineers
11:35am - 11:50am	<b>Pick up lunch. Enjoy during next session.</b>		
11:50-12:50pm	<b>Thinking Upstream: Mitigating Development Impacts with Water Ways</b> Rosy Harpe, Water Ways	<b>Panel Discussion - There's No Substitute for Face to Face: Career Advancement and Challenges in the Digital Age</b> Nathaniel Gee, Management of Dam Safety Governance and Oversight, TVA; Haley Slifko, Project Manager, TDOT Caleb Sanchez, PhD, HR Business Partner, City of Chattanooga	<b>Engineering Ethics</b> Al Hogan, PE, Regional Engineer, American Concrete Pipe Association
12:50pm - 1:00pm	<b>Break - Make sure to visit with our Sponsors!</b>		
1:00-1:30pm	<b>Blues Traveler: An In-depth Look Into the Environmental Impacts, Engineering Considerations, and Vision for a Chattanooga-Northwest Georgia Blue Way</b> Jenks C. Parker, EIT, CTI Engineers	<b>Chickamauga Lock Operational Contract and Mitigating Impacts to the Navigation Industry</b> Captain Joseph Cotton, Project Manager, Chickamauga Lock Replacement, U.S. Army Corps of Engineers	<b>Chattanooga Zoning Ordinance Update</b> Dan Reuter, FAICP and Karen Rennich, AICP, Chattanooga-Hamilton County Regional Planning Agency
1:30-2:00pm	<b>Flowing Forward: Enhancing Ecological Health through Tributary Restoration and Park Integration</b> Abbey Neely, EIT, Santec	<b>Striving for Excellence, Clear Chattanooga Consent Decree Program Update</b> Mark Heinzer, Wastewater Administrator, City of Chattanooga; Xavier Pedoux, Program Manager, Jacobs; Justin Bolender, Deputy Program Manager, Jacobs	<b>Landscape Ordinance Updates 2024</b> Karna Levitt, PLA, ASLA, CPSWQ City of Chattanooga
2:00-2:30pm	<b>Developments in Brownfields</b> Troy Keith, P.G., Tennessee Department of Environment and Conservation; Dwan Austin, City of Chattanooga	<b>Updates from the Tennessee Department of Transportation</b> Daniel K. Oliver, PE, RLS, Assistant Chief Engineer, Region 2, TDOT	<b>It's Not the Trees' (as)Phalt</b> Kurt Martig, PLA City of Chattanooga
2:30pm - 2:50pm	<b>Break - Make sure to visit with our Sponsors!</b>		
2:50-3:20pm	<b>Viewing the Regulatory Landscape for Approvals of Proprietary Manufactured Treatment Devices (MTDs) for Stormwater Quality</b> Mark Miller, P.G., AquaShield	<b>Navigating General Permitting with the US Army Corps of Engineers</b> Dani Walker, U.S. Army Corps of Engineers	<b>Partnership with Parks for Conservation</b> Noel Durant, Trust for Public Land
3:20-3:50pm	<b>Beyond the Surface: Transforming Land Development through Innovative 3D Mapping</b> Ken Shreeve, RLS, CFS, TWM	<b>Resources for Flood Awareness and Notification in Chattanooga</b> Bradley Heilwagen, PE, CFM, WSP, National Hydrologic Warning Council President	<b>Norfolk Southern</b> Elizabeth Lawlor, Norfolk Southern Railroad
3:50-4:30pm	<b>Case Study - Oliver Creek Bank Stabilization</b> Matt Patton, Solmax	<b>TN American Water Lookout Valley Water Mains River Crossing</b> David Bible, Stantec; Kevin Kruchinski, Tennessee American Water	
Poster Presentations	<b>Sustainable Solution: Enhancing Microplastics Removal with Green Infrastructure</b> - Mithu Chanda, Jejal Reddy Bathi, Ph.D., P.E. <b>Field Sampling Device for Tracking Microplastics in Surface Water</b> - Kara Kimes, David Brown, Landon Norman, Dr. Jejal Reddy Bathi, Dr. Sree Kidambi, and Dr. Ashley Manning-burg		

**PLEASE VISIT ALL OF OUR SPONSORS AND POSTER PRESENTATIONS DURING BREAKS**