

Chattanooga Development Symposium

August 6, 2019

AGENDA

TUESDAY, 8/6/2019			
	HSC 1083	HSC 1085	HSC 1087
<b>7:00-8:00am</b>	<b>Registration and Refreshments in the Lobby</b>		
8:00-8:50am	N/A	<b>Welcome</b> - Symposium Director, City of Chattanooga's Maria Price, PE, M. ASCE <b>Keynote:</b> Joe Deering, TDOT Region 2 Director and City of Chattanooga Mayor Andy Berke	N/A
8:50am - 9:05am	<b>Break - Check out Poster Presentations and visit Sponsors in the Lobby!</b>		
9:05-9:35am	<b>Riparian Buffers – Making Requirements Work for You</b> - Crystal Bishop, Hamilton County Program Manager, CMS4S, QHP, TN Stormwater Association	<b>Geophysics and Our Aging Infrastructure</b> - Kevin D. Hon, PG, S&ME	<b>GIS Web Tools for Project Management – TDOT I-124/US 27 Project</b> - Dixon G. Brackett, PG, PLS, CM-BIM, Earthworx, LLC
9:35-10:05am	<b>Overview of the Endangered Species Act and Section 7 Compliance</b> - Dustin Boles, US Fish & Wildlife Service	<b>Nondestructive Testing Methods in Civil Engineering Applications</b> - Ariel Soriano, PE, M. ASCE, City of Chattanooga Land Dev Office	<b>What's New in Subdivision Reviews</b> - Lisa Thompson, Chattanooga-Hamilton County Regional Planning Agency
10:05-10:35am	<b>TDEC Legislative Updates.</b> - Karina Bynum, Ph.D., PE, TN Dept of Environment & Conservation, Division of Water Resources	<b>Earth Retaining structure design requirements within the City of Chattanooga</b> - Ariel Soriano, PE, M. ASCE, City of Chattanooga Land Development Office	<b>Quantitative Data Management of the City of Chattanooga's Wet Weather Consent Decree Program</b> - Shihua Xie, Jacobs
10:35am - 10:45am	<b>Break - Make sure to visit with our Sponsors!</b>		
10:45-11:15am	<b>Tennessee Stream Mitigation Guidelines and Aquatic Resource Alteration Permit Updates</b> - Vena Jones, TN Dept of Environment and Conservation, Division of Water Resources	<b>Five Fundamentals for Cost Effective Erosion Control</b> - Marc Theisen, M.S., CPESC, CPSWQ, CESSWI, Profile Products, LLC	<b>Other Ways Design Professionals Impact the World</b> - Caitlin Moffitt, ACE Mentor Program; Mary Beth Sutton, Water Ways; Mack McCarley, TNSAVE
11:15-11:45am		<b>Form-Based Code: 3 Year Checkup</b> - Emily Dixon, City of Chattanooga, Land Development Office	<b>TDOT Responds to the Flood Triggering Landslides of 2019</b> - Robert Jowers, PE, TN Dept of Transportation, Geotechnical Engineering Section
11:45am - Noon	<b>Pick up lunch. Enjoy during next session.</b>		
Noon-12:50pm	N/A	<b>Environmental Justice: Overview and Opportunities in Tennessee</b> - Kendra Abkowitz, PhD; Director of Policy and Sustainable Practices, TN Department of Environment and Conservation	<b>Riparian Rights-Who owns the rivers in Tennessee</b> - Barry Savage, PLS, TN Valley Authority
12:50pm - 1:00pm	<b>Break - Make sure to visit with our Sponsors!</b>		
1:00-1:30pm	<b>Clean Water Act Updates and U.S. Army Corps of Engineers Permitting Overview</b> - Casey Ehorn, US Army Corps of Engineers	<b>Low Carbon Concrete - Practical steps to reduce embodied carbon in concrete mixtures</b> - Alan Sparkman, CAE, LEED AP, CCPf, Executive Director, Tennessee Concrete Association	<b>Buffer, Survey and Preconstruction Requirements</b> - J. Jeremy Swilley, CPESC, CPMSM, HMT, QHP-IT, Construction Program Supervisor, City of Chattanooga
1:30-2:00pm	<b>U.S. Army Corps of Engineers Permitting</b> - Aric Payne, US Army Corps of Engineers	<b>Concrete Questions and Answers</b> - Alan Sparkman, CAE, LEED AP, CCPf, Executive Director, Tennessee Concrete Association	<b>Quantitative Estimation of Surface Water Quality Parameters Using Remote Sensing Technology in Southeast Tennessee</b> - Dr Azad Hossain, University of TN at Chattanooga
2:00-2:30pm	<b>TVA Public Land Use (Land Plans and Land Rules)</b> - Ben Bean and John Falco, TN Valley Authority	<b>Historical research relevant to Civil Engineering Today</b> - Emily Dixon, City of Chattanooga	<b>Smart Cities Division: Year 1 Progress Report</b> - Kevin Comstock, Chattanooga Department of Transportation
2:30pm - 2:50pm	<b>Break - Make sure to visit with our Sponsors!</b>		
2:50-3:20pm	<b>Understanding Landscape Installation: Get your project off on the right foot!</b> - Lyn Rutherford, City of Chattanooga	<b>Introducing a Centralized Guidance Resource for Stormwater Best Management Practices Performance Evaluations</b> - Mark Miller, P.G. AquaShield Inc.	<b>Brownfield Cleanup at the Former Glover Tract – Riverwalk Trail</b> - Matt Aplin or Mark Harrison, PE, Stantec
3:20-3:50pm	<b>Efficient and Economical Solutions for Relocating Rare Plant Species</b> - Clea (Klagstad) Cartwright, TN-QHP, PWS, Circadian Consulting, LLC	<b>Engineering a Permanent Road Foundation</b> - David Andrews, PE, Propex Geosolutions	<b>Designing Stormwater Controls for the Future Landowner</b> - Mary Halley, Wood Environment & Infrastructure Solutions, Inc.
3:50-4:30pm	<b>Mountain Creek Stream Bank Restoration – A Collaborative Success Story</b> - Jeff Hoilman, PE, CPESC, CPSWQ, Propex	<b>Update on the Chattanooga Airport</b> - Blake Poole, Vice President – Air Service & Economic Development, Chattanooga Airport Authority	
Poster Presentations	<b>Reasons for Rarity: Exploring Plant Abundance in a Changing World</b> - Savanna Wooten and Jared Odell <b>Toxicology of Emerging Nano Pollutants</b> - Authors: Snehal Ujjina and Jejal Bathi <b>Nanomaterial: Characterization and Treatment in Urban Stormwater Runoff</b> - Authors: Patrick Craig, Steven Sawyer and Jejal Bathi <b>Decision Supporting Hydrodynamic Modeling of Tennessee River Decision</b> - Authors: Shuvashish Roy and Jejal Bathi <b>Characterization of Nano Contamination: Challenges and Findings</b> - Authors: Syed Tareq and Jejal Bathi <b>Three Dimensional Mesh Representation of Urban Environment Using OpenStreetMap Data</b> - Babatunde Atolagbe		

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