

Chattanooga Development Symposium
August 6, 2019
AGENDA

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

PLEASE VISIT ALL OF OUR SPONSORS AND POSTER PRESENTATIONS DURING BREAKS