

2019 ASCE NORTH CAROLINA SPRING TECHNICAL SEMINAR
The Hotel Ballast - Wilmington, NC

Registration 8:00 AM - 9:30 AM	Registration		
DisciplineTrack	Geotechnical	Water Resources	Transportation
Meeting Room Moderator	Latimer Stephanie Pluta	Skinner Brooke Maloney	McRae Brian Pownall
Session 1 9:30 AM - 10:20 AM	Five Ways to Improve the Cost and Performance of Ground Improvement for Foundation Support Projects <i>Zach Scarboro, P.E.</i> <i>Geostructures, Inc.</i>	Hurricane Florence and Woodlake Dam <i>Laura Shearin-Feimster, P.E.</i> <i>Schnabel</i>	Effect of Blue Line Light Rail Transit System on Operational and Safety Performance in the UNC Charlotte Area <i>Srinivas S. Pulugurtha, Ph.D., P.E., Swapneel R. Kodupuganti, Sarvani Duvvuri, and Sonu Mathew</i> <i>The University of North Carolina at Charlotte</i>
Session 2 10:30 AM - 11:20 AM	Micropile Design – Types, Connections, Lateral Loading and Group Effect <i>Jeffrey W. Coonse, P.E.</i> <i>Subsurface Construction Company, LLC</i>	New Hanover County, Coastal Shoreline Infrastructure <i>Layton Bedsole, P.E.</i> <i>New Hanover County</i>	Bridges for Prosperity <i>Chris Busch</i> <i>Geo Hydro Engineers</i>
Session 3 11:30 AM - 12:20 PM	Seismic Ground Motions – North Carolina Practice <i>Md. Ariful (Arif) Bhuiyan, Ph.D., E.I.T.</i> <i>S&ME</i>	Effect of Environmental Buffers on Water Quality related to Contaminant of Concerns <i>Sol Park, Xueying Brown, Olya Keen and Mariya Munir</i> <i>The University of North Carolina at Charlotte</i>	Can We Predict How to Maintain Roads in 2040? <i>Chandler Ducan, AICP</i> <i>Metro Analytics</i>
Lunch 12:30 PM - 1:50 PM	<p align="center">Lunch Cape Fear Ballroom Keynote Speaker - Justin Jacobsen, PMP, PSP, CM-Lean presenting on the River Place P3 Project</p>		
Discipline Track	Construction Materials	Engineering Management	Structural
Meeting Room Moderator	Latimer Stephanie Pluta	Skinner Brian Pownall	McRae Kyle Freehart
Session 4 1:50 PM - 2:40 PM	Geopolymer: A Concrete Foundation for a Sustainable Future <i>Roisin Hyde and Brett Tempest</i> <i>The University of North Carolina at Charlotte</i>	TBD <i>NC Ports Authority</i> <i>NC Ports Authority</i>	Cliffside Chimney Repair <i>Mike Parker, P.E.</i> <i>SKA Eng</i>
Session 5 2:40 PM - 3:30 PM	Coatings - Processes and Procedures <i>Tim Greene</i> <i>S&ME</i>	Mid Coast Corridor Project <i>Santiago Aguilar, P.E.</i> <i>Louis Berger</i>	Steel Joists / BIM - CA Phase Coord <i>Lee Clements</i> <i>Weldon Steel</i>