

## 2018 ASCE NC SECTION - FALL CONFERENCE TENTATIVE AGENDA

Day 1				THURSDAY - SEPT. 20TH			
Registration 10:00 AM - 12:00 PM		Registration <i>(Hilton Garden Inn Raleigh-Cary)</i>					
Lunch 12:00 PM - 1:30 PM		Update on Teaching and Research at NCSU Department - Dr. Barlaz Sponsored by ASCE E. Branch Monthly Meeting <i>Hotel Lunch / PDH Presentation ( Bradford D)</i>					
Discipline	Geotechnical / Construction Materials	Water Resources / Engineering Management		Transportation / Structural			
Room	<i>Bradford B</i>	<i>Bradford C</i>		<i>Bradford A</i>			
Moderator	Kevin Nadeau, PE	John Garner, PE		David Harris / Aaron Bopp, PE			
Session #1 1:30 PM — 2:20 PM	Duke Hospital Bed Tower Addition <i>Jeffery W. Coonse, PE - Subsurface Construction</i>	Hampton Roads Sanitary District SWIFT Project <i>Chad Link, PE - Crowder Construction</i>		Deep Foundation Evaluation and Design Using a Strain Based Approach <i>James Niehoff, PE – GEI Consultants</i>			
Session #2 2:30 PM - 3:20 PM	A Fresh Understand of Trafficked Structure Performance Utilizing Geosynthetics <i>John T. Price, PE - Hanes Geo Components</i>	CLT Airport: Building an Airport for the Future <i>Ashton B. Watson, P.E., C.M., ACE Airport Engineer</i>		Effects of Autonomous Vehicles on our Landscape and Culture / UAVs Technology for Aerial Surveying			
Session #3 3:30 PM - 4:20 PM	Mitigating Alkali-Silica Reactivity (ASR) Through Durable Design <i>Dave Tepke, PE - SKA Consulting Engineers</i>	Super Charge your Leadership Skills <i>Bob Cagle III, PE - ASCE Region 4 Director</i>					
4:30 PM - 5:30 PM	Break						
Dinner 5:30 PM - 7:30 PM	Dinner - Bob Cagle III, PE <i>(Dinner Presentation, Hilton Garden Inn Raleigh-Cary, Bradford D)</i>						
Social/Reception 7:30 PM - 10:00 PM	Social Hour Reception <i>(Hilton Patio)</i>						
DAY 2				FRIDAY - SEPT. 21ST			
Breakfast 7:00 AM - 8:00 AM		Breakfast / Registration <i>(Hilton Bradford D)</i>					
Discipline	Geotechnical / Construction Materials	Water Resources / Engineering Management		Transportation / Structural			
Room	<i>Bradford B</i>	<i>Bradford C</i>		<i>Bradford A</i>			
Moderator	Kevin Nadeau, PE	John Garner, PE		Aaron Bopp, PE			
Session #4 8:00 AM — 8:50 AM	Instrumented Auger Cast Pile load Test for the Cabarrus County Parking Deck <i>Nafi Haque, PhD - Kleinfelder</i>	Are Stormwater Regulations Holding Back More Than Runoff? <i>Hunter Freeman, PE - WithersRavenel</i>		Complete Streets/Raleigh's Management Plan <i>Eric Lamb, PE - City of Raleigh</i>			
Session #5 9:00 AM — 9:50 AM	Installation of Large Diameter Precast Concrete Cylinder Piles in an Environmentally Sensitive Marine Environment <i>Mike Batten, PE - HDR</i>	Why Can't We Just Use a Pond? <i>Michael Barnes, PE - Oldcastle Precast, Inc.</i>		Spatial and Temporal Influence of Planned Special Events on Travel Time Performance Measures: Two Case Studies from the Charlotte Region <i>Srinivas S. Pulugurtha, Ph.D., P.E., F.ASCE / Venkata R. Duddu, Ph.D - UNCC</i>			
Break 9:50 AM - 10:20 AM	Break <i>(Registration Area)</i>						
Session #6 10:20 AM - 11:10 AM	Galvanize It! <i>Tommy Rose - Metalplate Galvanizing, LP</i>	3D Modeling at its Finest <i>Fred Snider, PG - Schnabel Engineering</i>		Durham-Orange Light Rail Transit Project <i>David Charters, PE / Anne Conlon, PE, LEED AP - Go Triangle</i>			
Session #7 11:20 AM - 12:10 PM	Seismic Risk in Central and Eastern US <i>Ashly Cabas, PhD - NCSU</i>	Environmental Policy Unit's Role in NCDOT's Delivery of Projects <i>Derrick Weaver, PE - NCDOT</i>		Break			
Lunch 12:00 PM - 1:00 PM	Lunch Presentation - NC DOT Direct of Strategic Initiatives & Program Support, Burt Tasaico <i>NC Section Awards and Announcement Presentation (Hilton Bradford D)</i>						
Discipline	Geotechnical / Construction Materials	Water Resources / Engineering Management		Transportation / Structural			
Room	<i>Bradford B</i>	<i>Bradford C</i>		<i>Bradford A</i>			
Moderator	Duane Bents / Greg Adams	John Garner		David Harris / Aaron Bopp			
Session #8 1:10 PM — 2:00 PM	Case Study on Secant Pile Wall <i>David Miller, PE - NOVA</i>	The Need for Engineers in Crane and Lifting Operations <i>Jim Worrell - Lift-Think, LLC</i>		Public Involvement - The Why and How <i>Diane Wilson - NCDOT</i>			
Session #9 2:10 PM — 3:00 PM	Seismic Provisions of the 2018 NC Building Code <i>William M. Camp, III, P.E., D.GE – S&amp;ME, Inc.</i>	Brown and Williams WTP Expansion <i>Derek Dussek, PE - B&amp;V</i>		Navigating Environmental Regulatory Hurdles for New Rail Yard Development Projects - Strategies and Lessons Learned <i>Erin Brosnan Davis, GEI Consultants, Inc.</i>			