

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	Hampton Roads Sanitary District SWIFT Project	Deep Foundation Evaluation and Design Using a Strain Based Approach
	<i>Jeffery W. Coonse, PE - Subsurface Construction</i>	<i>Chad Link, PE - Crowder Construction</i>	<i>James Niehoff, PE – GEI Consultants</i>
Session #2 2:30 PM - 3:20 PM	A Fresh Understand of Trafficked Structure Performance Utilizing Geosynthetics	CLT Airport: Building an Airport for the Future	Effects of Autonomous Vehicles on our Landscape and Culture / UAVs Technology for Aerial Surveying
	<i>John T. Price, PE - Hanes Geo Components</i>	<i>Ashton B. Watson, P.E., C.M., ACE Airport Engineer</i>	
Session #3 3:30 PM - 4:20 PM	Mitigating Alkali-Silica Reactivity (ASR) Through Durable Design	Super Charge your Leadership Skills	
	<i>Dave Tepke, PE - SKA Consulting Engineers</i>	<i>Bob Cagle III, PE - ASCE Region 4 Director</i>	<i>Keith Johnston, PE, PLS / Joe Hummer, PhD, PE - NCDOT</i>
4:30 PM - 5:30 PM	Break		
Dinner 5:30 PM - 7:30 PM	Dinner - Bob Cagle III, PE (Dinner Presentation, Hilton Garden Inn Raleigh-Cary, Bradford D)		
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	Are Stormwater Regulations Holding Back More Than Runoff?	Complete Streets/Raleigh's Management Plan
	<i>Nafi Haque, PhD - Kleinfelder</i>	<i>Hunter Freeman, PE - WithersRavenel</i>	<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	Why Can't We Just Use a Pond?	Spatial and Temporal Influence of Planned Special Events on Travel Time Performance Measures: Two Case Studies from the Charlotte Region
	<i>Mike Batten, PE - HDR</i>	<i>Michael Barnes, PE - Oldcastle Precast, Inc.</i>	<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!	3D Modeling at its Finest	Durham-Orange Light Rail Transit Project
	<i>Tommy Rose - Metalplate Galvanzing, LP</i>	<i>Fred Snider, PG - Schnabel Engineering</i>	<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	Environmental Policy Unit's Role in NCDOT's Delivery of Projects	Break
	<i>Ashly Cabas, PhD - NCSU</i>	<i>Derrick Weaver, PE - NCDOT</i>	
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>		
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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	The Need for Engineers in Crane and Lifting Operations	Public Involvement - The Why and How
	<i>David Miller, PE - NOVA</i>	<i>Jim Worrell - Lift-Think, LLC</i>	<i>Diane Wilson - NCDOT</i>
Session #9 2:10 PM — 3:00 PM	Seismic Provisions of the 2018 NC Building Code	Brown and Williams WTP Expansion	Navigating Environmental Regulatory Hurdles for New Rail Yard Development Projects - Strategies and Lessons Learned
	<i>William M. Camp, III, P.E., D.GE – S&amp;ME, Inc.</i>	<i>Derek Dussek, PE - B&amp;V</i>	<i>Erin Brosnan Davis, GEI Consultants, Inc.</i>