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2021 Annual  
Engineering Conference &  
Trade Show

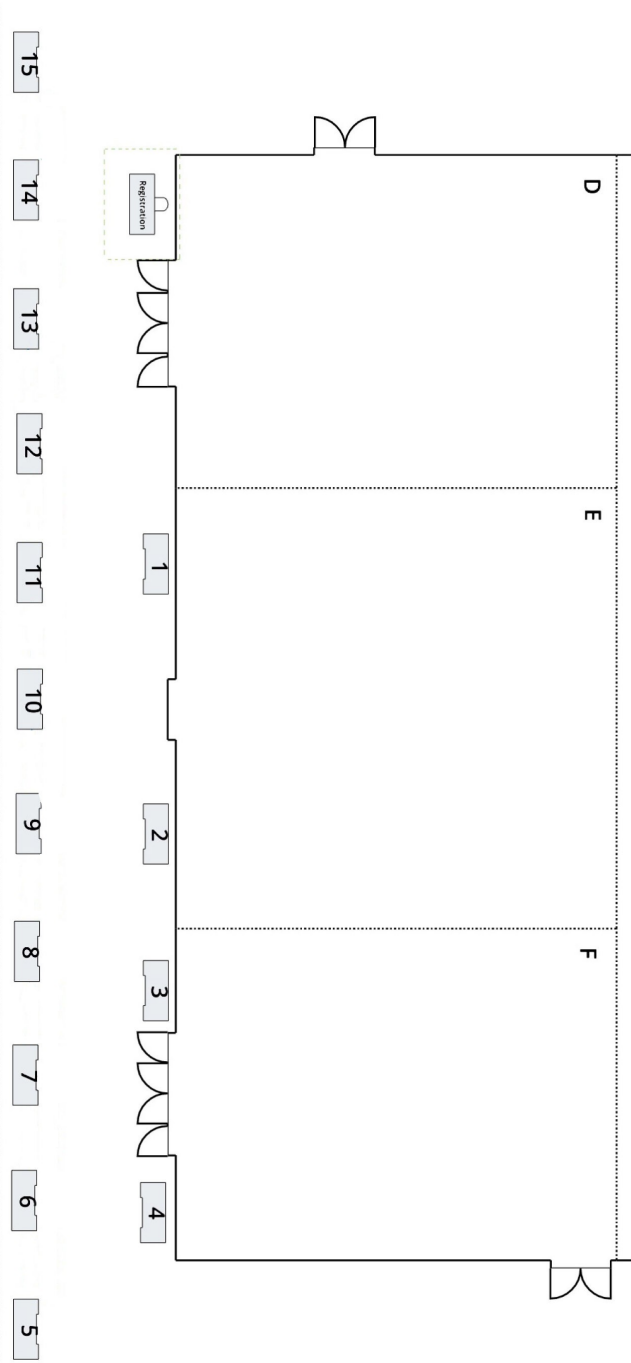
Embassy Suites at  
Kingston Plantation  
Myrtle Beach, SC  
June 3 - 5, 2021



Exhibitors  
With Booth #'s

Blood Hound .....	9
ECS Southeast, LLP .....	2
ESP Associates, Inc. ....	10
Floodproofing.com .....	3
Geopier .....	15
IMCI .....	6
Keller North America .....	8
Rinker Materials .....	5
Rowe Professional Services Company .....	11
SCAPA .....	7
Southeast Cement Promotion Association .	14
T2 Utility Engineers .....	12
UMA Geotechnical Construction Inc. ....	13
WSP .....	1
Wurster Inc. ....	4

Meeting Area



## Program Highlights

The 2021 SC Engineering Conference & Trade Show is offering 15 PDH. For attending a program in every time slot, you will be able to accumulate 15 PDH of the 15 required annually.

### THURSDAY, June 3, 2021

4 PDH for the day

**8:00 – 9:50 AM** .....ACEC-SC Board and Annual Meeting  
*Winchester*

**10:00 – 11:50 AM** .....SCSPE Board and Annual Meeting  
*Winchester*

**10:00 – 11:50 AM** .....ASCE-SC Board and Annual Meeting  
*Pembroke*

**10:00 – 5:00 PM** .....**Registration**  
*Kensington Hall*

**12:00 - 1:00 PM** ..... **Lunch**  
*Kensington G*

**General Sessions - Kensington DE**

**1:00 – 1:50 PM** .....**(1 PDH)**  
**SC State Board of Registration for Professional Engineers and Surveyors Update**  
SC State Board of Registration for Professional Engineers and Surveyors

**2:00 – 2:50 PM** ..... **(1 PDH)**  
**SCDHEC Update**  
Jill Stewart, PE, Director of Dam Safety& Stormwater Permitting Division, SCDHEC

**3:00 – 3:50 PM** ..... **(1 PDH)**  
**SCDOT Update**  
Randall L. Young, PE, MBA, CPM, Chief Engineer for Project Delivery, SCDOT

**4:00 – 4:50 PM** ..... **(1 PDH)**  
**Best Practices for Increasing Diversity in your Organization**  
Tricia Hatley, PE, F.NSPE, 2020–2021 President, National Society of Professional Engineers (NSPE), Freese and Nichols, Inc.

**5:00 – 6:00 PM** .....**Trade Show Reception**  
*Kensington Hall*

Dinner on your Own

### SATURDAY, June 5, 2021

4 PDH available for the day

**7:00 AM – 12:00 PM**.....**Registration**  
*Kensington Hall*

**General Engineering Track- Kensington DE**

**8:00- 8:50 AM**..... **(1 PDH)**  
**Survey Measurement Primer for Engineers**  
James Gray Jr, PLS, GISP, Senior Geomatics Project Manager, Stewart

**9:00 – 9:50 AM** ..... **(1 PDH)**  
**The Beautiful Structure: Case Studies for Featuring Architecturally-Exposed Structure in Design**  
Mark Lorah, Structural Engineer/Partner, Johnson, Laschober & Associates, P.C.

**10:00 – 10:50 AM** ..... **(1 PDH)**  
**Restrained Joints and Horizontal Directional Drilling**  
John Simpson, Regional Engineer, McWane Ductile

**11:00 – 11:50 AM** ..... **(1 PDH)**  
**Where is the PE?**  
Marguerite McClam, PE, F.NSPE, President, Palmetto Consulting Engineering Group, Inc.

FRIDAY - JUNE 4, 2021 ▪ CONCURRENT SESSIONS			
Time	General Engineering <i>Kensington E</i>	Transportation <i>Kensington D</i>	Fire/Life/Safety <i>Winchester</i>
7:00 AM- 5:00 PM	Registration - <i>Kensington Hall</i>		
8:00 AM - 4:20 PM	Trade Show - <i>Kensington Hall</i>		
8:00 - 8:50 AM	<b>The Advancements of Window Systems</b> J. Paul Abrams, Business Development Director, Floodproofing.com / Fenex	<b>Mobile LiDAR and 3D Laser Scanning for Mapping Roadways and Facilities</b> David Headrick, Project Manager, KCI Technologies, Inc.	<b>High Expansion Foam for Civilian and Military Aircraft Hangers</b> Brian Berkley, Viking
9:00 - 9:50 AM	<b>Electrical Leak Location (ELL) Services - Surveys &amp; Tests</b> Andrew Colby, Department Manager & Junior Engineering Associate, Bunnell Lammons Engineering	<b>Designing Asphalt Pavements for Commercial Markets</b> Kimberly Lyons, Technical Director, SCAPA	<b>Introduction to NFPA 101 Life Safety Code</b> Rob Hanson, Senior Fire Protection Engineer, SRNS
9:50 - 10:25 AM	Morning Break - Visit Vendors - <i>Kensington Hall</i>		
10:30 - 11:20 AM	<b>Full Consideration of Risk as a Resilience Requirement</b> Michael Flood, National Resilience Lead, WSP	<b>ASCE Infrastructure Report Card</b> Jonathan Thrasher, Senior Engineer, S&ME Jonathan Ard, PE, Black & Veatch	<b>Seismic Protection for Sprinkler System</b> Ralph Foster, Principal FP Engineer, Foster Engineering & Consulting, LLC
11:30 - 12:20 AM	<b>Business Planning and Protection and Legal Compliance</b> Kimberly Raber, Attorney, Kimberly A. Raber, P.A.	<b>SCDOT Transportation Specifications Update</b> Kimberly Lyons, Technical Director, SCAPA	
1:00 - 2:00 PM	<b>Keynote Address - <i>Kensington G</i></b> <b>On the Tee: Prepping Kiawah for the 2021 PGA Championship</b> Jeff Harkey, AIA, Vice President, Practice Leader, Sports & Events, Stewart Frank Mundy, PLS, Sr. Vice President, Practice Leader, Geomatics Stewart		
2:00 - 2:35 PM	Afternoon Break - Visit Vendors - <i>Kensington Hall</i>		
2:30 - 3:20 PM	<b>The Governing Body and its Influence on Our Profession</b> Patrick Sadek, Deputy CEO, Aesthetic Concepts, LLC	<b>Innovative Traffic Solutions During Construction</b> Richard Odynski, Senior Traffic Engineering Manager, WSP	<b>Overview of the ICC Performance Based Design Process</b> Rob Plonski, Senior Fire Protection Engineer, US Department of Energy, National Nuclear Security Administration (NHSA)
3:30 - 4:20 PM	<b>Legal &amp; Ethical Aspects of Practice for Engineers &amp; Firms</b> Sam Wellborn, Attorney, Robinson Gray Stepp & Laffitte, LLC	<b>Resilient Infrastructure</b> Tiffany Ferrell, Atlantic Region Product Resources Specialist, Rinker Materials	<b>Classification of Ignitable Liquids Across Common Standards</b> Robert Upson, Retired career firefighter and fire marshal, Amentum
6:30 - 7:00 PM	Reception - <i>Kensington F</i>		
7:00 - 9:00 PM	Awards Banquet - <i>Kensington F</i>		