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2023 Annual Engineering Conference & Trade Show

Charleston Marriott
Charleston, SC
June 15 - 17, 2023



Thank You To Our Exhibitors!



Wi-Fi Password - 2023Insight

Program Highlights

The 2023 SC Engineering Conference & Trade Show is offering 16 PDH. For attending a program in every time slot, you will be able to accumulate 16 PDH of the 15 required annually.

Thursday, June 15, 2023
4 PDH for the day

8:00 AM – 5:00 PM.....**Registration**

8:30 – 10:15 AM**SCSPE Board and Annual Meeting**
Crystal B

8:30 – 10:00 AM.....**ASCE-SC Board**
Crystal A

10:30 AM – 12:00 PM**ACEC-SC Board and Annual Meeting**
Crystal B

12:00 PM**ACEC CEO Roundtable**
Crystal B

1200 PM – 12:50 PM.....**Boxed Lunch**
Crystal D

General Sessions - Crystal C

1:00 – 1:55 PM (1 PDH)
SC State Board of Registration for Professional Engineers and Surveyors Update

2:00 – 2:55 PM (1 PDH)
SCDEC Storm Water Update, Jill Stewart

3:00 – 3:55 PM (1 PDH)
SCDOT Update, John Boylston, PE

4:00 – 5:00 PM (1 PDH)
Legislative Panel
Adam B. Jones with ACEC-SC and SCSPE
Jennifer Patterson with SCFOR
Leslie Clark with SC Coalition for Lawsuit Reform and Carolinas AGC
Rep. Gary Brewer, House of Representatives District 114

5:00 – 6:00 PM **Trade Show Reception**
Crystal D

Dinner on your Own

Friday, June 16, 2023
4 PDH for the day

7:00 AM**Exhibit Hall Opens**

7:30 AM.....**Breakfast**

6:00 - 7:00 PM.....**Cocktails**

7:00 - 9:00 PM.....**Banquet**

Saturday, June 17, 2023 - Emerald 1
4 PDH for the day

8:00 - 8:50 AM (1 PDH)
Designing an Ark: Structural Timber Design for a Modern-Day Noah, Mark Lorah, Johnson Laschober & Associates

9:00 - 9:50 AM (1 PDH)
Car vs. Building Case Studies of Auto Impacts with Buildings, Mark Lorah, Johnson Laschober & Associates

10:00 - 11:50 AM (2 PDH)
An Indtroduction into STEM for Early Education, MK Baldwin, Retired

Friday - June 16, 2023 ▪ Concurrent Sessions

Time	Business <i>Crystal F</i>	Civil <i>Crystal C</i>	Environmental <i>Crystal E</i>	Fire, Life and Safety and Geotechnical <i>Crystal B</i>	Transportation <i>Crystal A</i>
7:00 AM- 5:00 PM	Registration - Main				
7:00 AM - 3:00 PM	Trade Show - Crystal D				
8:00 - 8:50 AM	What is EOS and how it works in AEC Stewart Haney AEC-OPS, LLC	Photogrammetry and LiDAR in Practical Applications Greg Lemke, CE ROWE Professional Services	Uptown at Centre Pointe: Charting the Course for Sustainable Development Paul Ford Reveer Group	Design and Repair of a Reinforced Soil Slope, Pinnacle Shopping Center Bob Goehring ECS Southeast, LLP	York County's Pennies for Progress Program Patrick Hamilton York County
9:00 - 9:50 AM	Cyber Security Made Simple James W. Berry Custom Cloud Solutions	Restoring the Historic Factors Walk Retaining Walls Jonathan Sigman GEL Engineering, LLC	Archaeological and Historic Research and Regulatory Compliance in South Carolina Aaron Brummitt S&ME	Geotechnical Lessons Learned From Construction of a Tire Plant in Karst Bob Goehring ECS Southeast, LLP	Understanding the Importance and Benefits of Warm Mix Asphalt Chris Strack
10:30 - 11:20 AM	Influence 90 Betsy Hayden Awesome Focus	Engineer Tomorrow - Knowledge for a Changing World John Fleming SouthernCarolina Alliance	Environmental Considerations in Project Development Christy Shumate Three Oaks Engineering	Ground Penetrating Radar (GPR) - Practical Applications for Transportation Infrastructure Jack Morrisroe ECS Southeast, LLP	Driving for the Green - NCDOT US Open Projects Initiative Patrick Norman, NCDOT Jerry Page, Gannett Fleming, Inc.
11:30 AM - 12:20 PM	Top Areas of Exposure of Design Firms Stephen Agnew IMCI	Project Pipeline: An Innovative Approach to Prioritization for Funding Purposes Brittany Groome, Albert Romano ATCS	Pipe Inspection, Evaluation and Acceptance Tiffany Ferrell Rinker Materials	Introduction to Fire Doors Rob Hanson SRNS	Cement Modified Recycled Base (CMRB) Best Practices Kimberly R. Lyons, PhD SCDOT
12:30 - 2:00 PM	LUNCH and KEYNOTE ADDRESS - Emerald Ballroom The History and Engineering of the Morris Island Lighthouses' Save the Light Project Denis Blyth, Save The Light				
2:30 - 3:20 PM	Establishing a Consulting Firm Via the Business Model Canvas Jon Tirpak, PE Sebattis, LLC	Droning On About Mapping Waterways Frank Mundy, Mark Thomas STEWART	Addressing Resiliency at Multiple Scales Jon Conner JMT	Sprinkler Design for Storage Occupancies in the 2019 NFPA 13 Ralph Foster Foster Engineering & Consulting, LLC	Thick Lift Asphalt Paving Applications in SC Clifford Selkinghaus SCAPA
3:30 - 4:20 PM	"Selling" is not a 4-letter word! Jon Tirpak, PE Value Selling Associates	Peeling Back the Lowcountry of South Carolina with LiDAR Tyler Stentz GPI Geospatial, Inc.	The Huger Street Pump Station Project, Charleston, SC Ryan Mattie, Laura Boisclair JMT	Fire Protection Considerations for Existing Occupancies John Smeck Foster Engineering & Consulting, LLC	Improving Safety and Congestion on SC 170 with a Quick Implementation of a Corridor Study Ryan Eckenrode, PE, PTOE AECOM
4:30 - 5:20 PM	Financial Planning Jamie Dejter, Jon Carroll Commonwealth Financial Group	3D Subsurface Utility Engineering and LiDAR: A Futuristic Model Now Jeff Tallent ESP Associates	The Basics of Septic Planning Thomas Blackwell, PE, Caleb Rogers, PE Onsitte Septic Engineering	Required Fire Flows vs. Fire Sprinkler/Standpipe Demand Ralph Foster Foster Engineering & Consulting, LLC	Next Generation Congestion Reduction via Responsive Infrastructure Nick Matthews, PE AMT
6:00 - 7:00 PM	Reception - Courtyard				
7:00 - 9:00 PM	Awards Banquet - Emerald 1				