

## 2012 STGEC Agenda

### Monday, Oct. 22<sup>nd</sup>

2:00 – 7:00	Registration
12:00 – 5:00	Exhibitor Setup
6:00 – 7:00	Ice Breaker in Exhibit Area

### Tuesday, Oct. 23<sup>rd</sup>

7:00 – 7:50	Breakfast in Exhibit Area		
7:00 – 4:30	Registration		
8:00 – 8:30	Keynote Speaker : Gregory A. Whirley, Commissioner		PDH's
	SESSION 1		
8:30 – 9:30	Speaker 1	<b>Geosynthetic Reinforced Soil Integrated Bridge System (GES IBS): Research, Performance, and Case Histories</b> <i>Daniel Alzamora, P.E. (FHWA) / Jennifer Nicks, PhD (FHWA)</i>	1.00
	Speaker 2	<b>Geosynthetic Reinforced Soil Integrated Bridge System (GES IBS): Research, Performance, and Case Histories</b> <i>Daniel Alzamora, P.E. (FHWA) / Jennifer Nicks, PhD (FHWA)</i>	-
9:30 – 9:50	Break in Exhibit Area		
	SESSION 2		
10:00 – 11:30	Speaker 3	<b>The Road from Data to Policy: Integrated Global and Sub-Global Rock Slope Design</b> <i>Brian S. Bruckno, P.G., PhD. (VDOT)</i>	-
	Speaker 4	<b>Clearing the Fog of the Aging I-77 Rock Slopes</b> <i>Ryan Tinsley, P.G. (HDR Engineering, Inc.) / David Lee, P.E. (VDOT) / Wade Pence, III, P.G. (VDOT) / Travis Higgs, P.E. (VDOT)</i>	1.50
	Speaker 5	<b>Case Studies in Innovative Roadway Landslide Repair and Rockfall Mitigation in Virginia</b> <i>Colby E. Barrett (Soil Nail Launcher, Inc.)</i>	-
11:30 – 12:00	LUNCH		
12:00 – 12:30	Lunch Speaker: James K. Mitchell (Virginia Tech.) - Minimizing Geotechnical Surprises		0.50
	SESSION 3		
1:00 – 2:30	Speaker 6	<b>You Want IT When!? (Rapid Construction of the Backgate Interchange Embankments)</b> <i>Nicholas E. Harman, MS, PE (SCDOT)</i>	-
	Speaker 7	<b>Zoned Embankment Construction on the InterCounty Connector (ICC) – A Case Study</b> <i>Chad Mayers, P.E. (Schnabel Engineering)</i>	1.50
	Speaker 8	<b>Second Avenue Subway, New York – Geotechnical Design and Construction</b> <i>Chu Ho Sc.D M.ASCE (Arup) / Stephen Young P.E. M.ASCE (Arup)</i>	-
2:30 – 2:50	Break in Exhibit Area		
	SESSION 4		
3:00 – 4:30	Speaker 9	<b>A Case Study: Designing Temporary Soil Nail Walls using Unsaturated Soil Shear Strength</b> <i>T.J. Ju, P.E. (Subsurface Construction Company) / Wan Soo Kim, Ph.D., P.E. (VDOT)/Roy H. Borden, Ph.D., P.E. (NC State University)</i>	-
	Speaker 10	<b>Foundation Improvement of Soft Soils Using an Innovative Design Approach: The Cherry Island Landfill Case Study</b> <i>Lucas de Melo, P.E., Ph.D. and David Espinoza, P.E., Ph.D. (Geosyntec Consultants)</i>	1.50
	Speaker 11	<b>Sustainable Geotechnics and the Beneficial Reuse of Dredged Material</b> <i>Michael S. Roscoe, PG, LEED AP (Schnabel Engineering)</i>	-
4:30 – 6:00	Exhibit Hall Open Session		
6:00 – 8:00	Hospitality Reception (at the pre-function area)		
			<b>TOTAL PDH 6.00</b>

## 2012 STGEC Agenda

### Wednesday, Oct. 24<sup>th</sup>

7:00 – 7:50	<b>Breakfast in Exhibit Area</b>		
7:00 – 12:00	<b>Registration</b>		PDH's
8:00 – 9:30	<b>SESSION 5</b>		
	Speaker 12	<b>Evaluation of Rock Socket Design from Load Tests in the Southeastern U.S.</b> <i>W. Robert Thompson, III, P.E., D.GE, M.ASCE (Dan Brown and Associates, PC)</i>	-
	Speaker 13	<b>Evaluating Base-Grouting to Improve Drilled Shaft Capacity and Performance</b> <i>Silas Nichols, P.E. (FHWA) / Antonio Marinucci, Ph.D., P.E. (FHWA) / Benjamin Rivers, P.E. (FHWA)</i>	-
	Speaker 14	<b>Osterberg Cell World Record Review</b> <i>William F. "Bubba" Knight, PE (Loadtest, USA)</i>	-
9:30 – 9:50	<b>Break in Exhibit Area</b>		
10:00 – 11:30	<b>SESSION 6</b>		
	Speaker 15	<b>Perspectives on Foundation Engineering for Design-Build Projects</b> <i>Dan Brown, PE (Dan Brown and Associates, PC)</i>	-
	Speaker 16	<b>Development and Performance of Geotechnical Documents for the US 460 Connector Design-Build Project</b> <i>James M. Sheahan, PE (HDR, Engineering Inc) / David Hooper, PE (HDR, Engineering Inc) / John Daoulas, PE (VDOT) / Mandy Cox (VDOT)</i>	- 1.50
	Speaker 17	<b>Risk Management Trends Impacting the Geo-Community</b> <i>Nigel Miller, PE (Schnabel Engineering)</i>	-
11:30 – 12:00	<b>LUNCH</b>		
12:00 – 12:30	<b>Lunch Speaker: Jim Collin (The Collin Group, Ltd.) - Web-Based Toolbox for Geotechnical Engineers</b>		0.50
1:00 – 2:30	<b>SESSION 7</b>		
	Speaker 18	<b>Design and Installation of Micropile Foundations for a Bridge in Karst Topography</b> <i>James M. Sheahan, PE (HDR, Engineering Inc) and Chaz Weaver, PE (VDOT)</i>	-
	Speaker 19	<b>Rehabilitation of Existing River Piers for Dick Henderson Bridge, West Virginia</b> <i>Scott D. Zang, P.E. (Michael Baker Jr., Inc.) / Joe D. Carte, P.E. (WVVDOT)</i>	- 1.50
	Speaker 20	<b>Integrated Site Investigation for the Midtown Second Parallel Tunnel Project</b> <i>Kevin Smith, P.G. and Matt Pollard, P.E. (Fugro Atlantic)</i>	-
2:30 – 2:50	<b>Break in Exhibit Area</b>		
3:00 – 4:30	<b>SESSION 8</b>		
	Speaker 21	<b>On-line Geotechnical Database Considerations and Data Sharing</b> <i>Alexander Mabric, MSc, P.E. and Katie Aquilar, P.E. (Bentley Systems, Inc.)</i>	-
	Speaker 22	<b>Full Depth Reclamation (FDR) process in North Carolina</b> <i>Mohammed A. Mulla, P.E., CPM, MCE (NCDOT)</i>	- 1.50
	Speaker 23	<b>Identifying High Pile Rebound Soils Using CPT Pore Water Pressure Measurements: Case Studies in Florida</b> <i>Paul J. Cosentino, Ph.D., P.E. / Edward H. Kalajian, Ph.D., P.E. / Fauzi Jarushi / Ryan Krajcik (FL Inst. Of Tech.)</i>	-
4:30 – 5:00	<b>Field Trip Briefing</b>		
5:00 – 5:30	<b>Steering Committee Meeting</b>		
6:00 – 7:00	<b>Social Hour in Exhibit Area</b>		
7:00 – 9:00	<b>Banquet</b>		
			<b>TOTAL PDH 6.50</b>

## 2012 STGEC Agenda

### Thursday, Oct. 25<sup>th</sup>

7:00 – 8:10	Breakfast in Exhibit Area		
8:30 - 9:00	Drive to I-95 Bridge Rehabilitation Casting Yard/Bridge Project Site		
9:00 - 10:00	BUS 1	Lombardy Street Bridge Project Site	2.00
	BUS 2	Casting Yard: I-95 Bridge Restoration	
10:30 - 11:30	BUS 1	Casting Yard: I-95 Bridge Restoration	
	BUS 2	Lombardy Street Bridge Project Site	
11:30 - 12:00	BUS 1 & 2	Drive to The American Civil War Center at Historic Tredegar	
12:00 – 1:00	Lunch at the American Civil War Center at Historic Tredegar		
1:00 - 2:00	BUS 1	Richmond National Battlefield Park	
	BUS 2	American Civil War Center	
2:00 - 3:00	BUS 1	American Civil War Center	
	BUS 2	Richmond National Battlefield Park	
3:30 – 4:00	BUS 1 & 2	Drive Back to Richmond Hilton Hotel & Spa/Short Pump	
<b>TOTAL PDH</b>			