



SOUTH CAROLINA SECTION NEWS

2009-2010 OFFICERS

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SC SECTION FALL SEMINAR: SAVE THE DATE!

Make plans to attend this year's fall seminar, to be held on Friday, October 22, 2010 from 7:30 am - 3:30 pm. We will again feature multi-track technical sessions in Structures, Geotechnical, Environmental, and General Civil Engineering. Presentation of Awards and Officer Installation will be conducted during lunch. This is an excellent, cost-effective means to earn up to 5.5 Professional Development Hours.



A trade show with exhibitors and networking opportunities between sessions is also scheduled.

Seminar Location:

Columbia Conference Center
169 Laurelhurst Ave.
Columbia, South Carolina 29210
803-772-9811

Hotel Information

If traveling from out of town, consider the following options:

Hilton Garden Inn
434 Columbiana Drive Columbia, SC 29212
(803) 407-6640

Hampton Inn
101 Woodcross Drive Columbia, SC 29212
(803) 749-6999

At the intersection of I-26 and Harbison Boulevard

To register: <http://guest.cvent.com/d/wdq7mw/4W>

Special note of thanks to our Fall Seminar exhibitors and sponsors:

- S&ME, INC.
- KRISTAR ENTERPRISES
- SOUTHEASTERN CONCRETE PRODUCTS
- RAMJACK OF SC
- CONTECH CONSTRUCTION PRODUCTS
- CONCRETE PAVEMENT ASSOCIATION
- HARRIS INTEGRATED SOLUTIONS
- UNIV OF SC – CIVIL ENGINEERING DEPARTMENT
- TIDEWATER ENVIRONMENTAL SERVICES
- SCHNABEL ENGINEERING
- ADS
- HAYWARD BAKER
- TINDALL CORPORATION

TECHNICAL SESSIONS WILL INCLUDE:

- Successful Civil/Site Preparation
- Robust Design Supports Weather Challenges
- Regional Stormwater Management Facilities for Urban Basins
- My Next Project is located where?
Engineering International Projects
- New AASHTO LRFD Code on Corrosion Resistant Fiberglass Composite Reinforcement for Concrete Bridges
- Taking Focus From Ordinary to Optimal
An Engineered Approach



Congratulations to our ASCE Members!



Melvin C. Williams, Business Developer with S&ME, Inc., has been appointed to serve on the Board of Directors for the Business Advocating Change Political Action Committee (BACPAC). BACPAC is affiliated with the Charleston Chamber of Commerce.

Additionally, we would like to congratulate Chuck Black, P.E., M.ASCE and John Flemming, P.E., M.ASCE on winning the in the 2010 national election for Regional Governors-Elect (2009-2012) for Region 4.

New ASCE-SC Officers

Congratulations to our newly elected ASCE-SC officers! They are: Charlene Cassidy (President), Jack Moore (President Elect), Mike Horton (Vice President), Philip Marcum (Secretary), Cedric Fairbanks (Treasurer), Michael Zavislak (At-Large Director), and Pamela Oree (Communications Coordinator).

Become an ASCE Sponsor!

Our mission in South Carolina is to keep our engineering professionals and college affiliates abreast of changes within the engineering world and to provide support that will help enrich our communities.

As a sponsor your company will be able to post an article in our newsletter. Your logo will be included in our monthly newsletters and on our website. In addition, if someone in your company is a member of ASCE and you are located within SC you are allowed space to place a few small ads throughout the year. The annual fee sponsorship is \$250.

Expanding Your Network



Build leadership skills. Deliver solutions. Your gateway to the newest technical information in your field can be found on ASCE's new, user-friendly website. Visit

the Knowledge and Learning Center on the site to learn about the latest conference information: <http://www.asce.org/AggregateContent.aspx?id=761>

AMERICAN WOOD COUNCIL'S WOOD ENGINEERING STANDARDS WEBINAR SERIES

2005/2008 SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC – ASD/LRFD

Speaker: Buddy Showalter, PE
American Wood Council

October 14, 2010

Register:
<<https://wood2.webex.com/wood2/k2/j.php?ED=151714382&UID=1157400177&RT=MiM0&FM=1>>

The 2005/2008 Special Design Provisions for Wind and Seismic is a dual format allowable stress design (ASD) and load and resistance factor design (LRFD) document. In this Course, learn about the format of the SDPWS and how to apply its ASD and LRFD design provisions to shear walls and diaphragms. Also learn about changes to the International Building Code.

GLUED LAMINATED TIMBER – AN INNOVATIVE AND VERSATILE ENGINEERED WOOD PRODUCT

Speaker: Tom Williamson, PE

October 27, 2010

Register:
<<https://wood2.webex.com/wood2/k2/j.php?ED=153178712&UID=1162154632&RT=MiM0&FM=1>>

Glued Laminated Timber or glulam is the most innovative and versatile of all engineered wood products. This course will show how glulam has been used to solve a variety of design challenges ranging from 100 ft. clear span beams to complex reverse curved arches to 500 ft. clear span space frames and how it can meet your most demanding design needs. Learn detailing and design tips for your glulam framed structure and learn why glulam is a "green" building material.



Congress Must Pass Infrastructure Bills in 2010

Two vital transportation bills remain as unfinished business as the U.S. Congress begins its final legislative push before the November elections.

Contact your lawmakers and let them know that these bills must be passed before adjournment to help improve the nation's crumbling infrastructure systems.

SURFACE TRANSPORTATION

The current surface transportation authorization, SAFETEA-LU, expired September 30, 2009. Since then, the program has operated on a series of short term extensions, the latest of which expires at the end of December. This situation has created great uncertainty for states in planning transportation infrastructure construction and improvements, resulting in fewer job opportunities for those in the transportation design and construction industry.

AVIATION

The current authorization for aviation systems expired September 30, 2007, and has been operating on short-term extensions ever since. Both the House of Representatives and the Senate have passed legislation, but there are differences that must be resolved by a conference committee before a final bill can be sent to the president for his signature. The current extension runs out at the end of September.

WHAT TO DO

Please contact your lawmakers in support of prompt consideration and passage of these bills before Congress adjourns later this year.

STUDENT CHAPTER/CLUB ADVISORS

- The Citadel: Jeff Davis (843) 953-7687 jeff.davis@citadel.edu
- Clemson University: Stephen Csernak (864) 656-3317 scserna@clemson.edu
- University of South Carolina: Dimitris Rizos (803) 777-6166 rizos@cec.sc.edu
- Trident Technical College: Tom Kennedy (843) 574-6168 tom.kennedy@tridenttech.edu
- SC State University: Dr. Ali Akbar Eliadorani (803) 536-8858 aeliadorani@scsu.edu

STUDENT CHAPTER/CLUB PRACTITIONER ADVISORS

- The Citadel: Jim O'Conner, Collins Engineers & Tim Parker, Parker Rigging
- Clemson University: Bill Moore, Davis & Floyd
- South Carolina State University: Melvin Williams, S&ME, Inc.
- University of South Carolina: Elizabeth Kelly, Dennis Corporation



2010 ANNUAL FALL SEMINAR
SOUTH CAROLINA SECTION
AMERICAN SOCIETY OF CIVIL ENGINEERS

FRIDAY, OCTOBER 22, 2010
COLUMBIA CONFERENCE CENTER
169 LAURELHURST AVENUE
COLUMBIA, SC 29210

SPONSORED BY:

S&ME, INC.
KRISTAR ENTERPRISES
SOUTHEASTERN CONCRETE
PRODUCTS
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CONTECH CONSTRUCTION
PRODUCTS
CONCRETE PAVEMENT ASSOCIATION
HARRIS INTEGRATED SOLUTIONS

UNIVERSITY OF SOUTH CAROLINA –
CIVIL ENGINEERING DEPARTMENT
TIDEWATER ENVIRONMENTAL
SERVICES
SCHNABEL ENGINEERING
ADS
HAYWARD BAKER
TINDALL CORPORATION



Welcome!

You are cordially invited to attend the ASCE SC Section 2010 Fall Seminar to be held at the Columbia Conference Center in Columbia, South Carolina. The all-day session will provide engineers with the opportunity to network with other professionals and gain technical knowledge through the 17 presentations offered. 5.5 Professional Development Hours (PDH) will be available.

Hotel Information

If traveling from out of town, consider the following options:

Hilton Garden Inn
434 Columbiana Drive
Columbia, SC 29212
(803) 407-6640

Hampton Inn
101 Woodcross Drive
Columbia, SC 29212
(803) 749-6999

At the intersection of I-26 and Harbison Boulevard



2010 Fall Seminar
October 22, 2010
Columbia Conference Center
Columbia, South Carolina

Registration Form

Name:	Organization:
Street Address:	Phone:
P. O. Box No:	Fax:
City, State, Zip:	E-mail:
Date:	

I am registering as a:

- ASCE Member (\$120*) ASCE Membership No. _____
- Non-Member (\$140)
- Students (\$25)
- Lunch Program Only (\$25)

* A \$25 late fee will be assessed on any registrations received after Friday, October 15, 2010.

Make checks payable to ASCE Midlands Branch and submit check and registration form to:

Charlene Cassidy
The LPA Group Incorporated
700 Huger St.
P.O. Box 5805
Columbia, SC 29250

For additional information, contact Kevin Krick at kkrick@genesis-consulting-group.com or Charlene Cassidy at cmcassidy@lpagroup.com.



Dear ASCE Supporters:

Subject: Request for Exhibitors and/or Sponsors for the SC Section 2010 Fall Seminar

The ASCE South Carolina Section is pleased to announce the 2010 Fall Seminar to be held at the Columbia Conference Center, Columbia, SC, on **Friday, October 22, 2010**. The Seminar will include approximately 16 Technical Sessions covering structural engineering, environmental engineering, geotechnical engineering, general civil engineering, and management. In addition, we will have a keynote address at lunch along with an awards presentation. Over 150 Engineers are expected to attend this great event and they will have the opportunity to visit Exhibitors during breakfast and breaks throughout the day.

You are invited to participate as an Exhibitor or a Sponsor for this event as outlined below:

Exhibitors - \$400

As an exhibitor, you will receive:

- A unique opportunity to gain exposure for your organization and its products or services from a large number of practicing engineers and design professionals throughout South Carolina
- An 8' table in the main corridor of the Conference Center to setup a display
- One (1) representative to all of the technical sessions, breaks, and luncheon during the seminar
- Verbal recognition at the Luncheon
- A business card ad in the Official Program
- Name and logo on a sign in the main corridor of the Conference Center

Sponsorship - \$150 or more

As a sponsor, you will receive:

- Verbal recognition at the Luncheon
- A business card ad in the Official Program
- Name and logo on a sign in the main corridor of the Conference Center

Exhibit space is limited to 12 companies and will be filled on a first come, first serve basis. Your space will not be reserved until a check is received. All of the breaks will be held in the main corridor of the Conference Center where the exhibits are setup. Special requests/needs will be accommodated if possible.

If you wish to support the 2010 Fall Seminar, please fill out the attached Sponsorship/Exhibitor Form and return it with a check payable to ASCE SC Section to the address shown. The SC Section of ASCE looks forward to your support and a great seminar. If you have any questions or need additional information, please contact me at (803) 744-4505 or by e-mail at kkrick@genesis-consulting-group.com.

Sincerely,

Kevin R. Krick, P.E., M. ASCE
Local Organizing Committee (LOC) Chairman
SC Section President



**2010 Fall Seminar
Registration Form for Exhibitors and/or Sponsors**

Company Name:	Contact Name:
Street Address:	Contact Phone:
P. O. Box No:	Contact Fax:
City, State, Zip:	Contact E-mail:
Date:	
Special Requests/Needs:	

I would like to be a:

Sponsor (\$150) Exhibitor (\$400) _____ Total Fee Enclosed

Make checks payable to ASCE SC Section. Space is limited to the first 12 companies that submit the form and check.

Please return Registration Form, business card ad (electronic .jpg format), and check to:

Kevin R. Krick, P.E.
ASCE SC Section
c/o Genesis Consulting Group
1330 Lady Street, Suite 205
Columbia, SC 29201

E-mail: kkrick@genesis-consulting-group.com



**ASCE SC Section
2010 Fall Seminar Agenda
October 22, 2010**

Columbia Conference Center, Columbia, SC

Registration 7:30 -9:00	Technical Session 1 9:00 – 10:00 1.0 PDH	Technical Session 2 10:15 – 11:15 1.0 PDH	Technical Session 3 11:30 – 12:30 1.0 PDH	Lunch Session 12:30 – 2:00 1.5 PDH	Technical Session 4 2:15 – 3:15 1.0 PDH
<i>Structural Topics</i>	<p>“New AASHTO LRFD Code on Corrosion Resistant Fiberglass Composite Reinforcement for Concrete Bridges”</p> <p>Fabio Matta, PhD University of South Carolina</p>	<p>“Structural Steel and Fire Damage Assessment”</p> <p>Roger D. Harris, M.E., P.E. Glenn Stewart, M.E., P.E. Engineering Design & Testing Corp.</p>	<p>“Assessment and Repair of 155 Year-Old Heavy Timber Trusses in Historic Building”</p> <p>Jason D. Gregorie, P.E., M.ASCE and Alan J. Schweickhardt, P.E., M.ASCE, Applied Building Sciences</p>	<p align="center">2009 – 2010 ASCE Award Presentations</p> <p>“Chester County Applied Research Facility” Amy Cope, Director of Research - IBHS</p>	<p>“My Next Project is located where? - Engineering International Projects”</p> <p>Françoise Gamble, PE FLUOR</p>
<i>Geotechnical Topics</i>	<p>“Centrifuge Investigation of Static and Seismic Behavior of Pile Foundations in Soft Clays”</p> <p>Chenyang Liu University of South Carolina</p>	<p>“Successful Civil/Site Preparation –Robust Design Supports Weather Challenges”</p> <p>John Golyski, PE Mike Girard, PE Parsons Infrastructure and Technology Division</p>	<p>“Union Pier Charleston, SC”</p> <p>Derrick Bellamy South Carolina State Ports Authority</p>		<p>“South Carolina Infrastructure Update”</p> <p>Ron Patton SCDOT</p>
<i>Environmental Topics</i>	<p>“Adkin Branch Stream Restoration - Design and Construction”</p> <p>Kevin Williams, PE Florence & Hutcheson</p>	<p>“Regional Stormwater Management Facilities for Urban Basins”</p> <p>Joshua Myers, EIT and Jeff Powers, PE Florence & Hutcheson</p>	<p>“Process Optimization: Enhanced Understanding through Mining Full-Scale Data”</p> <p>John B. Cook, PE, M.ASCE Advanced Data Mining Intl</p>		<p>“Historic Civil Engineering Achievements in South Carolina”</p> <p>Joe Barron, PE</p>
<i>General Civil Topics</i>	<p>“Approaches for Managing Suppliers when Nuclear Grade Quality is Required”</p> <p>Cherri DeFig-Price, P.E. John Gloyski, P.E. Parsons Infrastructure and Technology Division</p>	<p>“Innovations to Improve Cost, Schedule, and Safety on Large Construction Projects”</p> <p>Diana Bowers, EIT Jeff Johnson, P.E. Parsons Infrastructure and Technology Division</p>	<p>“Taking Focus From Ordinary to Optimal – An Engineered Approach”</p> <p>Steve Williams Optimal-Focus</p>		<p>“Imprecise Probability in Civil Engineering”</p> <p>Robert L. Mullen, Ph.D., PE, F. ASCE University of South Carolina Rafi Muhanna, Ph.D. Georgia Institute of Technology</p>