

MAY 2010



SOUTH CAROLINA SECTION NEWS

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PRESIDENT'S MESSAGE

A Glimpse of Important Events for South Carolina Engineers

QUALIFICATION BASED SELECTION FOR ENGINEERS AND SURVEYORS



Rep. Kenny Bingham, PE, and Rep. Nelson Hardwick, PE, recently introduced legislation (H.4429) to strengthen the qualification based selection process for public work. For years, engineers and surveyors have complained that many political subdivisions have continued to bid (ask for price) engineering and surveying services with disregard for state and federal procurement laws that require qualification based selection for public work, if federal or state funds are used on projects. This legislation, if passed, will make the submission of a bid for public work an infraction of the engineer who submitted the bid.

Since the end of the legislative session is upon us, it is unlikely that there will be movement on this bill until next year. However, this gives us a great opportunity to evaluate the bill, determine the components of it which we support and those which we don't, and contact our representatives and senators, and help them develop this bill in a manner that will strengthen our profession.

2010 SOUTH CAROLINA ENGINEERING CONFERENCE

With summer upon us, why not plan a getaway to beautiful Charleston, SC. ASCE, SCSPE, and ACEC-SC are hosting the 2010 South Carolina Engineering Conference June 10-12, 2010 at the Charleston Marriott. This event will be a great opportunity to network with other engineers from throughout the state, attend dynamic presentations, meet with vendors about new products and services, and earn PDHs. Conference registration information is attached to this newsletter and you can register on-line at <http://tinyurl.com/27rrv82>.

SC PE LICENSE RENEWAL JUNE 30, 2010

Don't forget that your SC PE License must be renewed prior to June 30, 2010 or you will face late fees and potential penalties. You must have completed 30 Professional Development Hours (PDH) over the last 2 years. If you still need PDHs, there will be 14 available at the SC Engineering Conference.

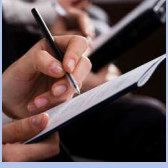
See you in Charleston!

Kevin Krick, PE, LEED AP
SC Section President



NEWSLETTER

ASCE P.E. Exam Review Course



The South Carolina Section is pleased to offer ASCE's live web-based P.E. Civil Exam Review Course. Taught by a team of experienced P.E. Exam Review instructors, the course will be presented as a series of 15 two-hour modules held from Aug 24-Oct 7. The sessions include 12 topics covering the breadth section of the exam including: structural analysis, strength of materials, geometric design, concrete design, soil mechanics, foundation engineering, hydraulics, hydrology, steel design, water/wastewater treatment, construction materials, & construction management.

The review also includes 3 topics covering the depth section of the exam: water resources, traffic engineering & geotechnical engineering. These sessions are designed to provide you with focused and deeper knowledge that you need in each subject area.

This review course will focus on:

- Topics and material that have a high probability of being included on the exam based on instructor knowledge and opinion
- Solving practice problems and providing immediate feedback ASCE's P.E. Civil Exam

The sessions are Tuesday/Thursday from 3:00 PM to 5:00 PM from Aug. 24-Sept. 30. The October 5-7 sessions are Tuesday/Wednesday/Thursday from 3:00 PM to 5:00 PM. Cost is \$200/person.

Locations are Columbia — Midlands Tech NE Campus, Charleston — The Citadel, and Myrtle Beach: TBD.

Please note a minimum of 8 registrants per location is required. Other locations may be considered if at least 8 registrants are provided at a location can be secured. On-line registration through the Section's CVENT website will open July 1. Invitations will be sent to section members and a link will be posted on the Section website www.ascesc.org. ASCE membership is NOT required to take the course.

For additional information contact Charlene Cassidy at 803-231-3946 or cmccassidy@lpagroup.com

Leaders Wanted

The following positions are open for nomination on the ASCE-SC Section Board. Nominations may be emailed to Kevin Krick at kkrick@genesis-consulting-group.com

SC Section Board Nominations:

- President-Elect
- Vice President
- Secretary
- Treasurer
- At-Large Director

We also need to solicit volunteers to serve on the following committees: Membership, Technical Management/Awards, School Outreach, Public Outreach, and History and Heritage.

ASCE Bridge Competition Raises the Roof



The 2010 Bridge Competition, held on April 24th was a smashing success. The testing was the culmination of an

intensive study, design and team construction of popsicle-stick bridges. Philip Barr, a testing device operator, shared, "this has been a blast. Every time I bring out a new bridge, the crowd goes wild! I felt like a rock star!"

The event played host to 280 popsicle-stick bridges built by 800 Greenville County fourth grade students. The bridges were load tested up to 100 lbs. Then, the bridges were evaluated using a strength to weight ratio. When the numbers settled out, the average bridge weighed a mere 0.33 lbs but was able to support up to 65 lbs, an average strength to weight ratio of 195. And, 45 of the 281 bridges (16%) were able to carry the full 100 lbs. Branch President, Tom Hill, shared, "it's clear that these children took the project very seriously and really poured their hearts into the effort. We were in the presence of our future engineers today."

ASCE-SC would like to extend a special "thank you" to Tom Hill, Bill Phelan, Jennifer Mustar, and Trip Ford for their efforts in making this event a success.

Citadel Receives ASCE Distinguished Chapter Award

The Citadel ASCE Student Chapter has been awarded the 2010 Region 4 Distinguished Chapter Award by the ASCE Educational Activities Committee. This award is made annually to the most outstanding Student Organization in the region. The Citadel Student Chapter was also one of nine Robert Ridgway Award Finalist this year. This is quite an accomplishment, as this distinction was only earned by 3% of all ASCE chapters nationwide.



2010 SC Engineering Conference to be Held June 10-13 in Charleston

Please join the American Society of Civil Engineers-South Carolina Section, the American Council of Engineering Companies of South Carolina and the South Carolina Society of Professional Engineers for the 2010 SC Engineering Conference June 10-13, 2010 at the Charleston Marriott Hotel in downtown Charleston, SC.

We have another exciting agenda planned this year. You may earn up to 14 Professional Development Hours toward retaining licensure by attending this event.

Multiple registration options are offered this year. Please note: Spouse/Guest Registration is necessary only if your spouse or guest would like to attend the Saturday Banquet and Sunday Breakfast.

Make your hotel reservations by calling 1.843.723.3000. Request the SC Engineering Conference rate of \$135.00 plus tax per night. Please note that you must make your own hotel reservations.

You may register for the conference on-line through this link <http://tinyurl.com/27rv82> or can submit the registration form attached to this newsletter.

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 SC State University: Dr. Ali Akbar Eliadorani (803) 536-8858 aeliadorani@scsu.edu

STUDENT CHAPTER/CLUB PRACTITIONER ADVISORS

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 Clemson University: Bill Moore, Davis & Floyd
 South Carolina State University: Melvin Williams, S&ME, Inc.
 University of South Carolina: Elizabeth Kelly, Dennis Corporation