



SOUTH CAROLINA SECTION NEWS

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PRESIDENT'S MESSAGE

Spring is a time of renewal. ASCE is no different. Attached with this newsletter is our revised Section Constitution and By Laws. We received your comments and the Board has incorporated them into these new documents. It is now time to vote approve or disapprove. Please email Randy Cannon at Randycannon@yahoo.com with APPROVE or DISAPPROVE CONSTITUTION & BY LAWS in the email header.

In the fall, the board members were challenged to provide more value and service to our members and our sponsoring firms. We recognized that passing the Professional Engineering exam is a crucial step in our professional development path, but there weren't convenient or affordable review classes being offered. The board has offered a PE review class this spring in Charleston. I am pleased that we have 17 members participating and we have been receiving excellent feedback about the course's quality and convenience. This has surpassed our expectations and we hope to expand this program to other parts of the state for the fall exam. If you are interested, please email Charlene Cassidy at Cassidy@PBworld.com or Matt Silveston at msilveston@wpceng.com

In conjunction with providing additional services, the South Carolina Section has revised the way we notify and collect payment from our members for our conferences. For our upcoming conference in Myrtle Beach, we will be using an online service that can process credit cards and provide automated reminders. We expect that it should make the event easier to register for and faster at the check in.

Please mark your calendars for June 18-21. Our typical Spring conference this year has been replaced with a Summer Conference. ASCE has combined our

program with ACEC and SCSPE to present the South Carolina Engineers Conference. This will be held in Myrtle Beach, June 18 through 21. For those of you who like our 1 day format with technical meetings, we will still offer it on Friday June 19 at our typical rate. However, we encourage you to attend the entire conference. There will be a round table discussion with the Licensing Board that will provide an opportunity to ask questions regarding registration, violations, and actions the board may take. There will also be a panel of South Carolina's engineering deans that will allow for a look into the future of engineering being taught in our schools. The conference will feature technical presentations, exhibitors, products on display, and multiple social and networking opportunities. The agenda, sponsorship and registration information will be issued soon.



ASCE joined with ACEC to co-host the legislative reception in Columbia, February 17. This has been our second year co-hosting the event and it provides an excellent opportunity for our members to meet our representatives. Especially in a year when the state of our infrastructure is receiving coverage in the media, it was good for our representatives to hear directly from the engineers who have firsthand knowledge. There were 62 in attendance from the House and Senate and 86 engineers and guests. Notable attendees include House Speaker Bobby Harrell, Senate Finance chair Hugh Leatherman, and State Treasurer Converse Chellis. Deputy Secretary for Engineering, Mr. Tony Chapman along with Secretary of Transportation "Buck" Limehouse attended from the SCDOT. Mr. Bob King from DHEC was in attendance, as well as

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NEWSLETTER SPONSORS



Joint Council Honors Citadel Professor, Cadet



Civil and Environmental Engineering assistant professor Cpt. Edward L. Hajduk, D.Eng, PE was named the 2009 Charleston Engineer of the Year by the Charleston Engineer's Joint Council (CEJC) at their annual banquet held February 17, 2009 in the Holliday Alumni Center. In addition, Civil and Environmental Engineering cadet Elizabeth Penn-Sanders was awarded a scholarship from the CEJC at the same event.

The honor is awarded to an engineer elected by the Charleston Engineers' Joint Council from a pool of nominees who have made significant contributions to the engineering field. The Joint Council is composed of representatives from the regional professional engineering societies.

Dr. Hajduk, who has served on the faculty in the Civil and Environmental Department at The Citadel since 2006, received his doctorate from the University of Massachusetts - Lowell and has published several papers in his field of geotechnical engineering. He is currently the Vice President of the American Society of Civil Engineers South Carolina Section (ASCE-SC) and is involved with their efforts to develop an infrastructure report card for the state. Dr. Hajduk is also involved with the efforts to preserve the historic Morris Island Lighthouse, establishing an engineering/science education collaboration between The Citadel and Save The Light.

Elizabeth Penn-Sanders, a senior cadet, has been actively involved in the Corp of Cadets and Civil and Environmental Engineering Department. She is currently the Regimental Activities Officer and has held several leadership roles within student engineering organizations, such as President of the student chapter of Women In Science and Engineering (WISE) and Secretary of the student chapter of ASCE. Elizabeth is also working with Dr. Hajduk in the development of the ASCE-SC Infrastructure Report Card.



Composed of the Department of Electrical and Computer Engineering and the Department of Civil and Environmental Engineering, The Citadel School of Engineering has ranked among the top 50 undergraduate engineering programs in the nation and the Civil and Environmental Engineering Department ranked as the No. 8 undergraduate program in "U.S. News & World Report." The military college was the forerunner in engineering education in the state of South Carolina and fifth in the nation. Following the tradition of the other military academies, engineering has been a part of the college's curriculum since its inception in 1842.

SEMINARS & SHORT COURSES

STRUCTURAL

Design, Construction, and Renovation of Masonry Structures
April 2-3, 2009 • Nashville, TN

Design and Renovation of Wood Structures
April 23-24, 2009 • Charleston, SC

Seismic Loads for Buildings and Other Structures
September 10-11, 2009 • Nashville, TN

Wind Loads for Buildings & Other Structures
September 10-11, 2009 • Norfolk, VA

HYDRAULICS AND WATER RESOURCES

Dam Breach Analysis using the Hydrologic Engineering Center's River Analysis System HEC-RAS
May 6-8, 2009 • Charleston, SC

Low Impact Development Applications for Water Resource Management
May 7-8, 2009 • Nashville, TN

Introduction to Detention Pond Design – Parking Lots and Urban Drainage
July 16-17, 2009 • Nashville, TN

ENVIRONMENTAL

NPDES Storm Water Permit Compliance
May 14-15, 2009 • Charleston, SC

CONSTRUCTION

Residential Land Development Strategies
June 18-19, 2009 • Charlotte, NC

Detailed descriptions of the seminars (by title) are available on ASCE's website at www.asce.org/conted/seminars

2009 South Carolina Engineering Conference



The three sponsors for the 2009 SC Engineering Conference to be held June 18-21 at the Marina Inn at Grande Dunes on the Intracoastal Waterway in Myrtle Beach are working

to make this conference one you must attend. More than half the seminars have been identified with speakers. The rest of the program is to be finalized within the next month.

As an added convenience, engineers are going to be able to register online and to pay their registration with Visa/MasterCard credit cards.

This year's conference is planned by representatives from the three sponsoring organizations. The American Society of Civil Engineers, South Carolina, is a new sponsor; it joins the American Council of Engineering Companies of South Carolina and the South Carolina Society of Professional Engineers who have partnered in organizing previous conventions.

The planning committee is looking for sponsors and exhibitors to add the excitement of a tradeshow to the other activities. If you or someone you know or do business with would like to participate as a sponsor or an exhibitor, please contact Joe Jones at joe@jma-associations.com.

Mark your calendars now — June 18-21, 2009. This conference is going to be a real deal, especially in this slow economy.

STUDENT CHAPTER/CLUB ADVISORS

The Citadel: Edward Hajduk (843) 953-7686 ed.hajduk@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) 516-4631 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.



The Carolinas Ready Mixed Concrete Association (CRMCA) is pleased to offer the NRMCA SCDOT Plant Inspector Certification Course to Professional Engineers and Engineer Assistants on March 31, 2009. As of January 1, 2007, ready mixed concrete producers are required to submit a plant certification from the National Ready Mixed Concrete Association (NRMCA) for each plant that provides concrete for SCDOT projects. Documentation must also be provided showing that the inspector certifying the plant has completed the additional SCDOT related training provided by the CRMCA prior to the certification inspection. The Inspecting Engineer is required to complete and pass the CRMCA administered training/certification course exam on NRMCA plant inspection. The course covers, in detail, each of the items to be inspected during a ready mixed concrete production facilities audit. This is an excellent opportunity to generate revenue as a certified Plant Inspector or Inspector Assistant. For more information and registration, please call the CRMCA at (704) 717-9199 or visit our website at: <http://www.crmca.com/node/766>

STUDENT CHAPTERS

Citadel Engineering Student Chapter Races to Save The Morris Island Lighthouse



Eighteen students from The Citadel's American Society of Civil Engineers (ASCE) student chapter participated in Save The Light's Half-

Marathon and 5K race to support the preservation of the Morris Island Lighthouse. The event was held on Folly Beach, SC on Saturday, February 7, 2009. Nathan Jackson, a sophomore in the Civil and Environmental Engineering program, placed 2nd in the half marathon with a time of 1:21:48. Participation of The Citadel students led to a donation of over \$400 to assist in Save The Light's efforts to preserve this historic structure.

"It is a testament to these students that while they are learning about civil engineering, that they take the time to participate in an event which will help save an iconic, historic civil engineering structure in the Charleston area" stated Assistant Professor Edward L. Hajduk, D.Eng, PE, who is the Citadel's ASCE Student Chapter faculty advisor.

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Ms. Jan Simpson, the Director of the SC State Board of Registration for Professional Engineers and Surveyors.

In March, ASCE is sponsoring two of our members to the grass roots fly-in in Washington DC. They will participate in a day of issue briefing and will meet with our state representatives to discuss issues that affect civil engineers in South Carolina as well as the United States.

I appreciate the opportunity to serve this organization. If there is anything I can do for the benefit of ASCE, please contact me at msilveston@wpceng.com

—Matt Silveston, P.E.
ASCE SC Section President

If you are interested in attending the Midlands Branch March 18th lunch meeting please visit our website to register. The meeting will discuss the Report Card on America's Infrastructure and South Carolina Infrastructure.

Use the following link to register:
<http://guest.cvent.com/i.aspx?4W,M3,715ab9a2-4475-4c41-ac52-391edc40bf25>

VIEW THE ASCE NATIONAL 2009 INFRASTRUCTURE REPORT CARD

click www.asce.org/reportcard



SPONSORSHIP OPPORTUNITIES

ASCE-SC Requests Member Support

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. The SC Section of ASCE is dedicated to educational enrichment through our Annual Fall and Spring seminars, postings, etc. Through these efforts we are trying to maintain a positive interaction with college students and professionals and provide up-to-date advances in the engineering profession.

We have recently redesigned our website and have committed to issue a monthly newsletter. The section has hired a graphic designer to help with our both of these aspects and I think you will recognize that our publications look professional even though we are a volunteer organization. As a sponsor you will be able to post a one-page article (technical or special project, etc.) in our newsletter. Your company 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.

Annual sponsorship is \$500.00. Please fill out the attached form and mail all donations to the listed address at your earliest convenience. Please note that all donations are tax deductible and you will receive a gift receipt for your donation. If you should have any question please contact Matthew Silveston at msilveston@wpceng.com or Pamela Oree at poree@schnabel-eng.com.

ASCE-SC: CELEBRATING 75 YEARS OF SERVICE



REGIONAL EVENTS

ASCE Region 4 Meeting— Assembly of Delegates/Board of Governors

A combined meeting with the Board of Governors (Chuck Black is the SC Governor, cblack@smeinc.com) and the Assembly of Delegates will be held on March 27-28, 2009 in Indianapolis, IN. The purpose of the Assembly of Delegates is to learn from one another, to network and to receive reports from each section and Governor.

The registration form is attached for those individuals that may wish to attend the Region 4 (SC, NC, VA, WV, AK, TN, IN, KY) Assembly of Delegates meeting.

The number of participants is not limited. Each section and branch should consider sending at least one person to this meeting.

For more information, contact Bob Smith, Region 4 Director at RISMITH2@aol.com