

MAY 2009



## SOUTH CAROLINA SECTION NEWS

### 2008-2009 OFFICERS

#### PRESIDENT

Matthew Silveston  
[msilveston@wpceng.com](mailto:msilveston@wpceng.com)

#### PAST PRESIDENT

Randy Cannon, P.E.  
[randycannon@yahoo.com](mailto:randycannon@yahoo.com)

#### PRESIDENT ELECT

Kevin Krick, P.E.  
[kkrick@genesis-consulting-group.com](mailto:kkrick@genesis-consulting-group.com)

#### VICE PRESIDENT

Ed Hajduk  
[ed.hajduk@citadel.edu](mailto:ed.hajduk@citadel.edu)

#### SECRETARY

Charlene M. Cassidy  
[cassidy@pbworld.com](mailto:cassidy@pbworld.com)

#### TREASURER

Jack Moore  
[jmoore@appliedbuildingsciences.com](mailto:jmoore@appliedbuildingsciences.com)

#### COMMUNICATIONS COORDINATOR

Pamela Oree  
[poree@schnabel-eng.com](mailto:poree@schnabel-eng.com)

#### CSRV DIRECTOR

Mark W. Lorah, P.E.  
[mlorah@jla-engineers.com](mailto:mlorah@jla-engineers.com)

#### EASTERN BRANCH DIRECTOR

John W. Fleming, PE  
[jfleming@hgbd.com](mailto:jfleming@hgbd.com)

#### UPSTATE BRANCH DIRECTOR

Jeffrey Helvey  
[jeff@blecorp.com](mailto:jeff@blecorp.com)

#### GRAND STRAND BRANCH DIRECTOR

Mike Petrakis  
[eaglerock2@sc.rr.com](mailto:eaglerock2@sc.rr.com)

#### CATAWBA BRANCH DIRECTOR

Melanie Mobley, EIT  
[mmobley@keckwood.com](mailto:mmobley@keckwood.com)

#### DIRECTOR AT-LARGE

Melvin C. Williams  
[mwilliams@smeinc.com](mailto:mwilliams@smeinc.com)

### PRESIDENT'S MESSAGE



Summer is rapidly approaching and the ASCE year is nearing completion. Typically around this time, ASCE has our Spring meeting. This year our board has decided to try something new and we have replaced our spring meeting with the upcoming Engineers Conference to be held in Myrtle Beach from June 18 to 21. ASCE will host our typical day of 4 technical tracts on Friday. However, on Thursday and Saturday we will be joining with ACEC and NSPE for additional technical sessions, a roundtable with LLR, and networking.

There are two registration options: Friday only or full conference. I hope to see you there.

In preparation for next fall, I would like to request nominations for open positions on the ASCE SC Section Board. Two positions will be available: At Large Member and Secretary. Candidates must have served as an officer within the branches and be willing to participate in the next level of leadership. Once nominations have been gathered, the candidates will be published in next month's newsletter with voting thereafter.

—Matt Silveston, President, ASCE South Carolina Section

### 2009 SC ENGINEERING CONFERENCE: JUNE 18-21 AN UNPRECEDENTED OPPORTUNITY FOR ENGINEERS



Experience a new twist on an old program at the 2009 SC Engineering Conference and Trade Show.

The 2009 Engineering Conference begins a new era in engineering meetings in South Carolina. For the first time, three major engineering organizations ACEC-SC, ASCE-SC and SCSPE have formed a partnership to offer engineers in the state an unprecedented opportunity for everything a conference has to offer: timely presentations on various engineering subjects, key note presentations on new engineering undertakings in South Carolina and a report by US Congressman Gresham Barrett, practically enough PDHs to meet the state's annual requirements, socials, golf and free time. The conference will be held in Myrtle Beach, SC.

SPONSORED BY:



[CLICK TO REGISTER FOR THE CONFERENCE](#)

[CLICK FOR CONFERENCE INFORMATION](#)

#### NEWSLETTER SPONSORS



## Rigid Pavement Design Series



The Carolinas Ready Mixed Concrete Association (CRMCA) is pleased to offer the first in a series of engineering design courses on

concrete pavements. These courses are designed and delivered with the intent of providing fact-based technical education to design professionals exclusive of product promotion.

This first course, entitled "Design of Concrete Parking Lots, Streets & Local Roads," will be taught by Michael Leming, Ph.D., Associate Professor and member of the Construction Engineering and Management faculty in the Department of Civil, Construction and Environmental Engineering at North Carolina State University. Dr. Leming's past experiences in the fields of construction and design coupled with his decades of research in concrete and pervious concrete has provided him with a hands-on, real-world approach to problem solving and an understanding of the requirements of the owner, specifier/designer, consultant and the contractor.

Why should you attend this course?

1. Every business is looking for ways to provide added services to their clients. Asking your clients during your initial consultation if they would like an alternate to the standard asphalt paving design is one way to provide an added service (along with having the proper information to provide them on why they may want a concrete parking lot). This course will teach you the necessary fundamentals to provide your clients with such a design.

2. There have been many changes to design standards in previous years regarding concrete parking lots. This course will explain why and help you determine if secondary reinforcement or stone base may be needed for your project, and if so, how much. Saving your clients money is another beneficial service!

3. As developers and building owners look to build "green" or with "sustainability" in mind, there is only one true choice in paving...concrete.

4. This course will provide you with the most adequate, comprehensive and up-to-date concrete paving design information.

For more information, locations, and registration, please visit the following website:

[www.carolinasconcreteparkinglots.com/training!](http://www.carolinasconcreteparkinglots.com/training!)



## SEMINARS & SHORT COURSES

### STRUCTURAL

Steel-Framed Buildings: Practical Issues in Design and Renovation  
May 21-22, 2009 • Orlando, FL

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

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

### HYDRAULICS AND WATER RESOURCES

Sediment Transport Analysis Using HEC-RAS  
May 27-29, 2009 • Houston, TX

Pumping Systems Design for Civil Engineers  
May 28-29, 2009 • Atlanta, GA

Treatment Plant Hydraulics for Civil Engineers  
June 11-12, 2009 • Houston, TX

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

For a complete listing of seminars and distance learning courses, please go to  
<http://lyris.asce.org/t/7367274/46585602/1346/0/>

### WEBINARS

Tools for Setting Sustainability, Objectives and Indicators on Engineering Projects ~New!  
June 9, 2009 - 12 Noon - 1 PM ET

LRFD Subsurface Explorations, Soil and Rock Testing ~New!  
May 27, 2009 - 12 Noon - 1:30 PM ET

## Senators Propose Water Infrastructure Bill

Four senators on the Senate Environment and Public Works Committee have introduced the Water Infrastructure Financing Act of 2009, legislation to authorize \$39 billion in funding for wastewater and drinking-water infrastructure, control combined sewer overflows, and begin a program to restrict pollution from farms.

Sen. Barbara Boxer (D-CA), chair of the committee, and Sen. James Inhofe (R-OK) are sponsoring the bill, along with Sen. Benjamin Cardin (D-MD) and Sen. Mike Crapo (R-ID).

The bill introduced this week would authorize \$20 billion over five years for wastewater infrastructure through the Clean Water Act State Revolving Loan Fund (SRF). It would also authorize \$15 billion over five years for drinking-water infrastructure under the Safe Drinking Water Act SRF.

The legislation also would provide \$1.85 billion to prevent combined sewer overflows and \$50 million over five years to institute a new SRF for agricultural runoff.

### CONGRATULATIONS ASCE-SC AWARD WINNERS

Click <http://www.ascesc.org/awards.html> for a full listing of awards



### SURVIVE & THRIVE in a Challenging Economy

Advice, services, and benefits from ASCE to help you manage these times

ASCE now offers a new one-stop resource to help you to continue succeeding and moving forward in your professional and personal life. Click the following link for additional details:

<http://lyris.asce.org/t/7366854/43144631/5745/0/>

### STUDENT CHAPTER/CLUB ADVISORS

The Citadel: Edward Hajduk (843) 953-7686 [ed.hajduk@citadel.edu](mailto:ed.hajduk@citadel.edu)

Clemson University: Stephen Csernak (864) 656-3317 [scserna@clemson.edu](mailto:scserna@clemson.edu)

University of South Carolina: Dimitris Rizos (803) 777-6166 [rizos@cec.sc.edu](mailto:rizos@cec.sc.edu)

Trident Technical College: Tom Kennedy (843) 574-6168 [tom.kennedy@tridenttech.edu](mailto:tom.kennedy@tridenttech.edu)

SC State University: Dr. Ali Akbar Eliadorani (803) 516-4631 [aeliadorani@scsu.edu](mailto: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.