

**2010 - 2011  
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Earthquake Engineering,  
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**ASCE NATIONAL**

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**MARCH MEETING NOTICE**

Featuring:

**Segmental Retaining Walls**

*Presentation by*

*Chad Julius*

*Allen Block Corporation*



**DATE:** Tuesday, March 22, 2011  
**TIME:** Presentation 11:30 AM – 1:00 PM\*\*

**LOCATION:** Hall of Science  
Roper Mountain Science Center  
402 Roper Mountain Road  
Greenville, South Carolina 29615  
864-355-8900  
<http://www.ropermountain.org>

**COST:** \$0 for members, \$10.00 for nonmembers  
(Lunch will be provided.)

**DIRECTIONS:** See page 2 for directions to the Roper  
Mountain Science Center

**\*\*Engineers receive 1 PDH for their attendance.**

Reservations are required by 4 pm on Monday March 21<sup>st</sup> to reserve a lunch. Guests are welcome without reservations however, lunch can not be guaranteed. Please contact Bill Phelan at 864-517-1676 or

[Bill.Phelan@fluor.com](mailto:Bill.Phelan@fluor.com)

## Directions to Roper Mountain Science Center

The meeting will be held at the Conference Center. However, please enter through the Hall of Science. Please see the attached map for the building and parking location.

### **Directions from Interstate 385 coming from downtown Greenville:**

From Interstate 385, exit onto Roper Mountain Road Exit (Exit #37). Turn left at the traffic light. Go over the bridge crossing I-385. Pass the frontage road on the right (at the traffic light). The entrance to the Science Center is the second road on the right.

### **Directions from Interstate 85:**

Exit onto Interstate 385 North (Exit #51). Continue on I-385 until the Roper Mountain Road Exit (Exit #37). Turn right at the traffic light. Pass the frontage road on the right (at the traffic light). The entrance to the Science Center is the second road on the right.

### **Directions from Highway 29:**

At Red Lobster, turn onto 291 By-Pass South. Turn left at East North Street. Turn right onto Pelham Road. Turn right onto Roper Mountain Road Extension. At the stoplight, turn right onto Roper Mountain Road. Roper Mountain Science Center is about a half mile on the left.

<http://www.ropermountain.org/General/directions.shtml>

## March Presenter Bio

Chad Julius is an excellent speaker, educator, and engineer that has been dedicated to Allan Block training program for over 10 years. He has worked directly with contractors to train them on proper installation techniques, estimating tools as well as ways to improve their business. Throughout the years, he has worked with Engineers, Architects and Building Officials to educate them on proper design approaches to ensure every project is a success. Allan Block's dedication to quality education and service makes

## March Presentation Description

The Allan Block Engineering Presentation is an introductory course on segmental retaining wall (SRW) technical information. The intent is to develop a basic understanding of how SRW's function. Attendees can expect to gain the following skills:

1. Recognize the advantages of SRW's
2. Describe the principles of wall design and how SRW products work
3. Identify reasons why retaining walls fail
4. Recognize the advancements within the industry in both design and construction

This course is tailored for the engineer or specifier who is new to the segmental retaining wall industry. Additionally this course is useful for building officials and architects who require increased technical knowledge about SRW's.

## 3<sup>rd</sup> Annual Popsicle Bridge Competition

The third annual Popsicle Stick Bridge Competition **has been postponed** until **April 9, 2011** at the Carolina First Expo Center in Greenville, SC.

During the competition, students have designed and constructed bridges from popsicle sticks for load testing. In last year's competition, nearly 1000 local 4<sup>th</sup> graders participated by building bridges. Bridges were load tested to failure or 100 lbs.



If you would like to volunteer at this year's event please contact Tom Hill at (864) 517-1669 or [Tom.Edward.Hill@Fluor.com](mailto:Tom.Edward.Hill@Fluor.com)

### 2010 ASCE UPSTATE CALENDAR OF EVENTS

#### March

Tuesday, March 22<sup>nd</sup> – Lunch Meeting

*Location: Roper Mountain Science Center*

*Allen Block Segmental Retaining Walls*

Thursday, March 24<sup>th</sup> – ASCE Upstate YMG Social

*Location: Wild Wings*

#### April

Saturday, April 9<sup>th</sup> – Popsicle Bridge Competition

*Location: Carolina First Expo*

Tuesday, April 12<sup>th</sup> – Lunch Meeting

*Location: Roper Mountain Science Center*

*Wurster Engineering Soil Nail Project*

#### May

Tuesday, April 24<sup>th</sup> – Lunch Meeting

*Location: Roper Mountain Science Center*

*TBD*

# ASCE Upstate Young Member Group

Younger Members are ASCE members 35 years of age or younger

## BRANCH OFFICERS

### YOUNGER MEMBER CHAIR

John Catoe, P.E., LEED AP  
SeamonWhiteside  
(864) 298-0534  
[JCatoe@swasc.com](mailto:JCatoe@swasc.com)

## Next Event Information: March Social



Details: Thursday, March 24<sup>th</sup>  
6pm  
Wild Wing Cafe, Upstairs  
15 West Washington Street, Greenville, SC 29601

**Join us for a fun night to network and socialize while  
watching some March Madness.  
Appetizers will be provided.  
(ASCE Membership is NOT required to attend)**

## Upcoming Events:

March 24<sup>th</sup>  
Social  
Location:  
Wild Wings

April 14<sup>th</sup>,  
Social  
Location:  
TBD

May 12<sup>th</sup>,  
Professional  
Development  
Event  
Location:  
TBD

## Last Event: October Social

Thanks to all who came out to our October social  
at Corner Pocket.



**If you have a job opening or civil engineering news you would like to post in the  
newsletter you may send them to Bill Phelan at [Bill.Phelan@fluor.com](mailto:Bill.Phelan@fluor.com)  
Please send your postings by the first of the month.**