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ASCE NATIONAL

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MAY MEETING NOTICE

Featuring:

**Greenville County
Land Development Permit
Requirements**

Presentation by

*Judith F. Wortkoetter, P.E.
Greenville County Engineer
Land Development Division*

- DATE:** Tuesday, May 25, 2010
- 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 May 24th 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

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>

May Presenter Bio

Judith Wortkoetter graduated with a degree in Civil Engineering from Clemson University and is a licensed engineer in SC. Judith has spent her career in Public Works Engineering, both at the City of Greenville and Greenville County. Prior to taking over the Land Development Division 3 years ago she supervised Road Maintenance staff and provided project management for road paving, reconstruction and drainage improvement projects.

May Presentation Agenda

- Greenville County's NPDES permit requirements
- Upcoming issues such as 303D revisions
- TMDL and EPA's new Turbidity requirements that will effect all who provide site development services for their clients.

2010 ASCE Bridge Competition Raises the Roof



The 2010 Bridge Competition was a smashing success. The bridge competition was originally scheduled for January 30th. As fate, and a strong weather system, would have it, the event was snowed out. But, that didn't dampen the spirits of the nearly 1000 attendees of the bridge testing rescheduled to April 24th. 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."

Thanks to our event sponsors!



2010 ASCE UPSTATE CALENDAR OF EVENTS

MAY

Tuesday, May 25 – Lunch Meeting
*Location: Roper Mountain Science Center
Greenville County, Judy Workoetter, P.E.*

JUNE

June 10-13 – 2010 SC Engineering Conference
Location: Charleston, SC

Tuesday, June 22 – Lunch Meeting
*Location: Roper Mountain Science Center
Engineering Ethics, Donovan Norris P.E.*

JULY

Tuesday, July 27 – Lunch Meeting
*Location: Roper Mountain Science Center
NCEES, Davy McDowell*

2010 SC Engineering Conference

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

We have another exciting agenda planned this year. You may earn up to 15 Professional Development Hours toward retaining licensure by attending this event.

Multiple registration options are offered this year.

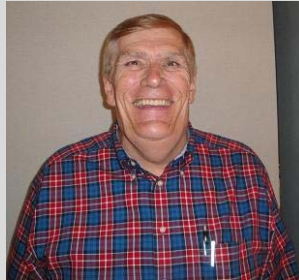
** Please note: Spouse/Guest Registration is necessary only if your spouse or guest would like to attend the Saturday Banquet and Sunday Breakfast.

YOU MUST MAKE YOUR OWN HOTEL RESERVATIONS

Make your hotel reservations by May 18, 2010 by calling 1.843.723.3000. Request the SC Engineering Conference rate of \$135.00 plus tax per night OR Click on the link to reserve online. Reservations after June 9 must be made by calling the Hotel.

[CONFERENCE AGENDA LINK](#)

The Upstate Branch of South Carolina Section of the ASCE is
proud to recognize



Bob Manz, P.E.

for achieving the level of ASCE Life Member.

Life Membership is awarded to members that have made a lifetime commitment to ASCE and the civil engineering profession. Bob Manz earned his civil engineering degree from the University of Idaho. He started his professional career with Caltrans in 1969 in the Los Angeles office. In 1976, he accepted a position with Phillips Fiber Corporation. During the 24 years he worked at Phillips Fiber Corporation he served from the Seattle office to San Jose before settling in Greenville. Bob managed the Environmental, Health and Safety at the Bayer Corporation in Wellford, SC. Since 2004, Bob has been serving as the Greenville Assistant City Engineer. Bob is a Registered Professional Engineer as well as a Registered Environmental Manager

ASCE Life Membership Requirements

- The member must have completed 30 years as an ASCE member at a level higher than student membership.
- The member must have completed 10 continuous years as an ASCE member.
- The member must be at least 65 years of age

**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
Please send your postings by the first of the month.**