

# GeoNews

Newsletter of the Association of Environmental & Engineering Geologists,  
Carolinas Chapter

*2009, 2011, 2013, 2016, and 2017 AEG Chapter of the Year*

FALL 2018



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## SAVE THE DATE

AEG Coastal Hazards Forum  
Dauphin Island, Alabama  
January 7-10, 2019

62<sup>nd</sup> AEG Annual Meeting  
Asheville, NC  
September 17-21, 2019

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**Thanks to our Sponsors!**

**GeoNews** is a publication of the Carolinas Chapter of AEG. There are four issues per year, with deadlines and issue publication dates listed below. We publish news of the profession, announcements, student member news, technical articles, and job openings.

**Deadlines for submittal to AE Carolinas GeoNews**

(can be flexible depending on events)

Spring—deadline March 1, issue date March 21

Summer—deadline June 1, issue date June 21

Fall—deadline Sept 1, issue date Sept 21

Winter—deadline Dec 1, issue date Dec 21

**Deadlines for submittal for the National AEG News:**

March issue—January 15

June issue—April 15

September issue—July 15

December issue—October 15

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**AEG Carolinas Chapter Website** [www.aegcarolinas.org](http://www.aegcarolinas.org)

**AEG National Website** [www.aegweb.org](http://www.aegweb.org)

**Cover:** Lifewater Haiti Team, NC; photo from Doug and Susan Rakoczy

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## MESSAGE FROM THE PAST CHAIR

*By Madeline German, P.G., Past Section Chair*

Dear Carolinas Chapter,

It has been my pleasure to serve as your Carolinas Chapter chair. I cannot thank each of you enough for the amazing experiences we have enjoyed together over these past 3 years; I hope you have enjoyed this time as much as I have. We celebrated the Carolinas Chapter's 40-year anniversary, hosted a second (very successful) Vapor Intrusion Conference and presented a Groundwater Chemistry Course.

I will serve next year as the Carolina's BOD Past Chair to help ensure a smooth leadership transition. Susan Avritt has done a tremendous job in each of her roles within the Carolinas leadership and has proved herself a great leader and dedicated advocate of AEG. The Carolinas Chapter is in great hands with Susan at the helm.

This journey we call life presents us with many diverse and wonderful opportunities; it is a challenge to recognize when to say no or yes. Being a part of AEG Carolinas has truly been one of the best experiences of my life and I thank you all for being, in my totally non-biased opinion, the best around.

I look forward to continuing to interact with each of at numerous upcoming field trips, social events and dinner meetings. Thank you for your continued support of AEG and Applied Geology.

Best Regards,



Maddie German, PG  
maddie.german45@gmail.com  
Former AEG Carolinas Chapter Chair

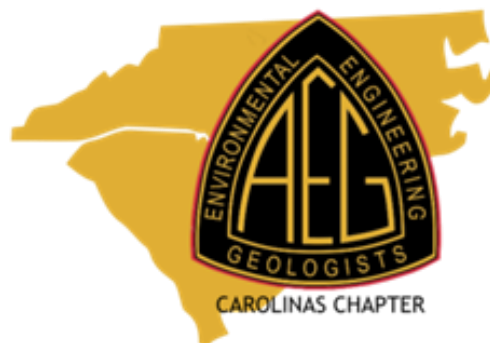


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# AEG Carolinas Chapter Updated 3Q 2018 Treasurer's Report

*By Walt Plekan, P.G., Carolinas Chapter Treasurer*



## AEG Carolinas Section Treasurer's Report July 1 - September 30, 2018

### BALANCE As Of July 1, 2018

Checking Account	\$ 4,502.45
Savings Account	\$ 18,596.53
	<b>\$23,098.98</b>

### INCOME

#### Meetings

AEG/ASCE Joint Meeting	\$275.00
August Meeting	\$2,651.40
September Meeting	\$755.00

#### Misc

Section Sponsors	\$1,475.00
Carolinas Scholarship Fund	\$72.00

#### Interest

Interest from savings	2.37
-----------------------	------

### SUBTOTAL - INCOME

**\$5,230.77**

### EXPENSES

#### Fees

Bank fees	
Card reader fees	53.47
Paypal fees	101.40

#### Meeting Expenses

August Meeting	\$2,901.43
September Meeting	\$1,262.46
October Meeting	\$500.00

#### Additional Expenses

Well Supplies for Haiti	\$250.00
Carolinas Scholarship Fund	\$72.00
Website Fees	\$60.32

### SUBTOTAL - EXPENSES

**\$5,201.08**

### BALANCE As Of September 30, 2018

Checking Account	\$ 3,029.77
Savings Account	\$ 20,098.90
<b>TOTAL</b>	<b>\$23,128.67</b>





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## September 2018 Board of Directors Meeting Takeaways

*By Madeline German, P.G., Past Section Chair*

- The 2018 Annual meeting was a success on multiple fronts, the Association is looking at a significant profit as well as starting to establish itself among other international associations.
- Excitement related to upcoming 2019 Asheville, NC meeting
- Looking for chapters to volunteer locations for future annual meetings. Ideally, should have meetings planned 5 years out, only have the next 3. The shorter the timeline the more difficult to get good weeks, hotels and negotiate pricing/concessions.
- Would like to see a larger influence of environmental symposia at future Annual Meetings
- Continue to encourage chapters and active members to host conferences and technical symposia locally and regionally to help bolster chapter funds and provide recognition for the Association
- 2019 Conferences:
  - Jan. 7-10 – Coastal Hazards (Dauphin Island, AL) – Cynthia Palomares
  - April 24-26 – Risk Assessments for Dam and Levee Foundations Workshop (Denver, CO) – Ed Friend
  - June 8-14 – Grand Canyon Rafting Field trip – Ken Ferguson
  - June 9-13 – 7th International Conference on Debris Flow Hazard Mitigation (Golden, CO) – Paul Santi
  - Sept. 16-21 – Annual Meeting (Asheville, NC) – Paul Weaver & Briget Doyle
- All chapter officers should be receiving updates and call in information related to the Chapter Support Calls. The Association is looking to rekindle the bonds between the local chapter leadership and these calls are the first step in that process. Topics range from helping new chapters build dinner meetings or manage their accounts, to legal issues related to contracts and insurance.
- Chapter Support Committee, governance committee and advocacy committee need members!

*(Continued on Page 7)*

**Todd Elmore**

Business Development Manager



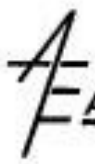
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The advertisement for PRISM Laboratories, Inc. features a blue and white color scheme. At the top, the company name 'PRISM' is in large blue letters, with 'LABORATORIES, INC.' in smaller text below it. To the right, it says 'Full-Service Analytical &amp; Environmental Solutions'. Below this, a tagline reads 'Your Local, Small-Business Environmental Lab Partner' and 'Proudly serving the environmental community of the Southeast since 1992.' The main headline in large blue letters says 'Air Laboratory Services Opening Spring of 2018.' On the right side, there is an image of a stainless steel air sampling canister with a green cap and a label that includes the word 'SILICATE'.

(Continued from Page 6)

- Concern the chapters are feeling distant and not represented at the association level. Need ideas to connect local chapter leadership to one another and to association leadership.
- Texas Sunset Commission – licensure threat, risk to all Texas geology license's, Received \$20,000 from the AEG licensure fund to help battle to keep geology licensure in Texas.
- Licensure in Idaho is also under review, many geologists in the state and in nearby states already organized and battling to keep licensure.
- The AEG South Africa chapter was dissolved and integrated with SAIAEG (there are now no official AEG chapters outside the US)
- BOD voted to implement the strategic plan, a living document crafted to prioritize the memberships stated goals.
- Questions to consider for the MYBM: What are AEGs international objectives? How can AEG better serve the US membership? What are the organizations goals?
- AEG is working with other geological and environmental organizations (GSA, GeoCoalition, Canadian Geotechnical Society (CGS), American Geosciences Consortium at NCSL and American Geological Insitiute (AGI))
- E.Gath was elected and the international representative of AEG at the international meeting.
- The code of conduct was approved by the membership in the last election
- Funding increased for RD travel to the MYBM to \$1000 per RD and to \$750 per RD for Annual Meeting travel.



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## AEG Carolinas 2019 Scholarship Information

*By Jane Gill-Shaler, Director, AEG Foundation*

### UNDERGRADUATE STUDENTS!!!

**The 2019 CAROLINAS SCHOLARSHIP is waiting for you to apply!**

**WHAT??** There was only ONE applicant for the 2018 Carolinas Scholarship? The lucky (and happy) awardee of this most helpful scholarship in 2018 is Marissa Jerden, North Carolina State University. Congratulations, Merissa! But remember, dear students, that there is more funding available, so get busy! This is an opportunity too good to pass up! Why would any eligible student pass up extra money for their education?

The deadline for the 2019 scholarship is February 1, 2019, but there is a lot of data gathering and writing to do before then. Applications are only accepted online, so go to our website at

<https://www.aegfoundation.org/applications/>.

**PLEASE NOTE: if you start the process now, it is somewhat painless.**

**Instructions:** Applications with all supporting materials, including transcripts, letters of recommendation, etc. must be **received** by 11:59 PM EST on February 1st of each year. Note that requests for letters of recommendation will not be sent until the applicant has submitted his/her application. Even if you are already an AEG member, you must set up an account for this application separate

from your AEG log-in. Go to the website and familiarize yourself with the process; <https://www.aegfoundation.org/applications/>

**About the Carolinas Scholarship:** The Carolinas Scholarship Fund was established by the AEG Foundation in 2015 to support direct costs associated with the Carolinas Scholarships. The Carolinas Scholarship Fund supports geologic studies by students at the undergraduate level. Students must be enrolled in an accredited university in North or South Carolina. The Carolinas Charter is at <https://www.aegfoundation.org/pdf/Carolinas%20Charter.pdf>

**AEG Foundation** offers a number of Student Scholarships and Grant Programs. For more information or to contribute to the AEG Foundation go to <https://www.aegfoundation.org/>. **THANK YOU!!**



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## AEG Foundation and Your Year End Donations

*By Jane Gill-Shaler, Director, AEG Foundation*

Yes, the year end is a way off. But let's think about what the combined strength of all your \$10 or \$25 or \$100 donations does to help our geoscience students with their education, and our career geologists with their professional development. Your combined donations brought in thousands of dollars to fund all of the many programs offered by AEG Foundation. A big **THANK YOU!!**

If you haven't already done so, please consider making a donation this year: It's easy! Just go to [www.aegfoundation.org/donate](http://www.aegfoundation.org/donate) and fill out the form. I give an amount every month, which is easy on my budget, and the monthly donation helps the AEG Foundation plan for their scholarship and grant programs with more certainty.

We have fundraising campaigns each year to help us increase the Foundation resources, so we may

use the income from investments to help with our scholarship and grant funding. If you wish to discuss a large year-end donation to any of our funds, or to our Greatest Need Fund, please give me a call.

If you're 70½ or older, you could also consider donating directly to the AEG Foundation from your retirement account, using a qualified charitable distribution (QCD). A QCD allows you to meet the required minimum distribution and has the added benefit of not being included in your taxable income.

Remember that the AEG Foundation is a 501(c) 3 charitable organization, and when you donate, you will receive a letter from our headquarters to verify your donation.

Again, **THANK YOU!** You are awesome!

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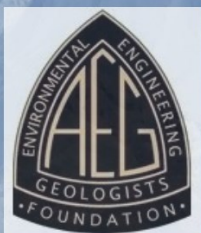


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Day Two: Field trip to fault locations in the Las  
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**DEADLINE FOR SUBMITTAL:** January 15, 2019.

**LINK AND CRITERIA FOR APPLICATION:**

[www.aegfoundation.org](http://www.aegfoundation.org)

Please have a **backup author** prepared to give your  
presentation should you not be able to attend.  
Your abstract will be reviewed for subject and for-  
mat appropriateness; notifications of acceptance/  
rejection will be sent by February 1, 2019.

**CONTACTS:**

John H. Peck: 702-556-5229, [peckj1@juno.com](mailto:peckj1@juno.com)

Gary Luce: 775-883-1600, [lucegc@charter.net](mailto:lucegc@charter.net)

SHLEMON CONFERENCES are sponsored by the AEG Foundation and are supported by a generous gift from Roy Shlemon. The conferences are meant to engage leading researchers and practitioners in the subject field of scientific endeavor in order to advance the state of knowledge. For more information, go to [www.aegfoundation.org](http://www.aegfoundation.org).



## Update on Haiti and Lifewater Efforts

### Thank You Message from Doug and Susan Rakoczy

Thank you so much to everyone for helping to send the well screen to Haiti. To Steve T. and Pete, I can't tell you how much Susan and I and the Lifewater staff appreciate your continued generosity and help. I talked with Hanania last week and the guys are down to their last sections of screen so it couldn't come at a better time. To Steve F. and everyone at St. Matthew's, so many thanks for all your help and everything you have done to help get the well screen to Haiti. You have been such a blessing.

Dave and everyone at Duncklee and Dunham, thanks for all your help over the years. Susan and I can't thank everyone enough, we are so appreciative of all that everyone has done.



We also want to thank everyone with AEG who contributed financially to help get the screen sent to Haiti. I also know that the Lifewater Haiti staff, Hanania, Edrick, Homil, Feden, Henel, Richard, Marvin, David, and everyone else are also very thankful for the continued support.

It's kind of hard to put into words in an email how much this support means, but I do want all of you to know how thankful we are. Haiti and the Haitian people have a special place in our heart.

Thanks again and blessings to everyone.

Doug and Susan Rakoczy, July 19, 2018



## Update on Haiti and Lifewater Efforts

### Recap of Previous Lifewater Efforts Supported by AEG

- 2011—Shipment #1
  - ◆ Donor team assembled, Geologic Exploration donates screen
  - ◆ Screen shipped from Richmond using SHN container
- 2014—Shipment #2
  - ◆ Donor team reassembled, Geologic Exploration supplies screen again
  - ◆ Rick Kolb writes article in AEG GeoNews describing efforts
  - ◆ Many delays to negotiate lower shipping costs
  - ◆ Screen stacked on school bus floor for shipping though Orlando
- 2015—Shipment #3
  - ◆ Donor team reassembled
  - ◆ Even larger shipment, Geologic Exploration and SAEDACCO this time
  - ◆ For once, customs was a breeze and at a low cost
- 2018—Shipment #4
- 83, 4"x10' screens and other materials donated by Geologic Exploration and SAEDACCO
- St. Matthews Catholic Church in Charlotte ships materials at no cost!



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**AEG 62<sup>ND</sup> ANNUAL MEETING**  
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**Carolina Board Meeting Minutes 7-17-2018 from 5pm to 6pm—Conference Call***By Jennifer Thomas—Secreary*

1. Call to Order
2. RollCall Maddie German (chair), Susan Avritt (vice chair), Walt Plekan (treasurer), Jen Thomas (secretary), Paul Weaver (past chair), Jane Gill-Shaler, Jacob Hundl, Beca Deal, Josh Hanks, Adam Phillips, Jenn Bauer, Rick Kolb  
5 members of board present—Quorum achieved
3. Carolinas Chapter Finances—Walt
  - i. As of June 30, 2018:
    - \* checking = \$4502.45
    - \* savings = \$18,596.53
    - \* total = \$23,098.98

Funds are about \$200 down from last quarter

Major quarterly income was from the March field trip/meeting and the April Meeting.

Major Expenses were the April meeting, visiting professional pizza nights.
  - ii. Quarterly treasurers report was submitted to National.
  - iii. Things going well, need to submit deposit info to Treasurer.
  - iv. HERR and SGS are providing drink tickets. Rick asked \$300 from each company.
  - v. Maddie to bring card reader, cash box, drink tickets.
  - vi. Rick will bring the sponsor poster and receipts.
  - vii. Maddie will prepare the slide show.
  - viii. We will pass the hat for Carolinas Scholarship fund instead of doing a 50/50 raffle.
  - ix. Bec, Rick, Maddie, and Jane are attending.
4. Upcoming Chapter Meetings
  - a. Asheville—September—Dave Fenster—current VP, upcoming AEG Association president
    - i. Friday, September 7th @ Habitat
    - ii. An associated field trip on Saturday was discussed. Several options for nature and urban hikes were presented. Susan to look into options.
    - iii. We need Dave Fenster's abstract and bio, to set up catering and chair rental depending on attendance. We've paid deposit of \$200.

*(Continued on Page 16)*

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(Continued from Page 15)

- c. Greensboro—October—Jahns Lecture—  
Deb Green
  - i. Thursday, October 18th
  - ii. Paul will research venues.
  - iii. Deb in town Tuesday—Friday. We will  
focus mostly on central and western por-  
tion of North Carolina, and maybe ETSU.
  - iv. Nashville and Atlanta Chapters will need  
to be a separate trip.
  - v. Jen Bauer to help drive.
  - vi. Jacob Hundl to coordinate schedule.

5. GEONews—Josh

- i. A draft of the summer issue will be done  
this evening 7/17 and reviewed tomorrow.
- ii. We still need the calendar.
- iii. Maddie will check to see if Pine ahs paid  
sponsorship.
- iv. News out in July.

6. NCSTA

- a. OEST and OESE Awards. Randy has asked  
for us to sponsor these awards at \$250 each,  
for \$500 total donation. Motion. Paul, Susan  
second. Passed unanimous.
- b. NCSTA Conference Details from Randy:

This year's conference will be run differently.  
It is an 'Area Conference' organized mainly by  
the National Science Teachers Association  
(NSTA), not the state level organization. This  
event occurs every five years and will take  
place at the Convention Center in Charlotte,  
NC in partnership with the NCSTA.

**Alan King**

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The 'Area Conference' runs November 29  
through December 1, (Thurs-Sat)), 2018. Note,  
the dates and length are different than the  
typical NCSTA conference. I am assuming that  
the N.C. Awards Ceremony will be held on  
Thursday but I will confirm when I can.

Currently there is no information on the NSTA  
website regarding cost of registration or ex-  
hibit booth, but I expect it to be higher than  
the state level conference.

- c. Last year ordered 400 Earth Science Tool  
kits, able to donate most of these.
- d. Maddie will ask Randy what the current  
registration is to gauge how Earth Science  
Tool Kits we need. We will work out more  
details as it gets closer related to how  
many kits to order.

7. Field Trips—Rohit is not in attendance. Jenn  
and Susan will research hikes for the Asheville  
meeting in September.

- i. Notes from Sue related to field trip coordi-  
nation.

(Continued on Page 17)



(Continued from Page 16)

- i. Notes from Sue related to field trip coordination:

Here is the website that for the schedule of GeoHikes at Oconeechee Mountain. <https://www.ncparks.gov/oconeechee-mountain-state-natural-area/events-and-programs/oconeechee-geology-hike-18>. Contact the park directly to see if they still host geo hikes. And that goes for other parks as well. The main NC park website doesn't have information about geo hikes for all the parks.

Also, below are other parks that might have GeoHikes:

<https://www.ncparks.gov/mount-jefferson-state-natural-area/events-and-programs/geology-hike-13>

<https://www.ncparks.gov/stone-mountain-state-park/events-and-programs>

Hope AEG can get involved in this—this looks like a lot of fun and something that you all could easily fall back on as a field trip option.

- ii. Planning coastal hazards for spring 2019 reach out to Wilmington—trip leader details from Rick. Use these events to grow the Wilmington membership base.

8. Membership—Anthony—not in attendance.

- We have approximately 100 members, up from 80 last year.
- Ideas for membership drive 2019 include using NC PG list to see where we're underserved, raise non-member price significantly, and talk up benefits beyond meetings, emphasize in slide show. We will send ideas to Anthony.

9. Sponsors—Eric and/or Becca

- We have 22 sponsors this year, the same as last year.
- We need a few minor updates to sponsor trailer.
- Rick verified that Eastern Solution renewed.
- To increase sponsors in 2019, simply asking companies to sponsor works. They like the exposure.

10. The 2019 Asheville Meeting will be addressed at meeting on Thursday.—Budget is current priority.



11. Carolinas Scholarship—Paul/Jane

- Jane will make a full page ad for GeoNews
- Plan to promote applications September and October to maximize application rate.

(Continued on Page 18)

**Innovative Solutions:**  
Groundwater Interval Profile  
Sampling Using Roto Sonic Drilling

SAEDACCO is using its Roto-Sonic drill to conduct Groundwater Interval Profile Sampling. This in-situ sampling system is used in sedimentary aquifers with a two inch stainless steel screen, inflatable packer and a Grundfos Redi-Flo pump to collect discrete formation samples at a rapid pace during the drilling process. This system assists the client in determining the vertical extent of contamination in aquifers without having to install multiple monitoring wells. Cost savings, innovative ideas! Let us know how we can help you on your next project.

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(Continued from Page 17)

Utilize email blasts, announcements and ad in newsletter.

12. Brad was not in attendance to address Visiting Professionals.

13. Succession Planning

a. Ballots did not go out.

b. Maddie will follow up with Anthony to make sure they go out in July.

14. Social Activities—Adam/Rick

a. South Carolina had a successful social.

b. The Durham Bulls Social went well.

c. Rick presented a great idea for the next social in Raleigh at Nights Play Par 3 golf course, for early October. We will ask for a drink sponsor.

d. Consider a similar event in GSO, Charlotte or SC

e. We should target areas without dinner meetings for socials.

15. Field Days—Rick

Coordinated the UNCW professor together with former coworker Chris Pruneau of MACTEC/AMEC/Wood Group's Wilmington office (he came out Saturday, too) so the students can get some exposure to real work. I am going to talk to Jennifer Stewart at Mid-Atlantic Drilling tomorrow to ask if they'd put in four monitoring wells on the UNCW campus so the students can do pumping and slug tests. Mid-Atlantic Oct. 27 has been confirmed for UNCW field day (monitoring well demo).

16. Next call with be September 2018—prior to Jahns tour and October meeting. Might do focused call for Asheville meeting if needed.

Meeting Ended at 6pm

Minutes Recorded by Jennifer Thomas





# ES eastern solutions

## ENVIRONMENTAL EQUIPMENT RENTAL & FIELD SUPPORT SERVICES

Eastern Solutions Is an environmental rental and field service support company. Our Inventory continues to grow with new and updated equipment and supplies. The equipment rental services offers free pick-up and delivery 90 miles from Charlotte (includes but not limited to Greensboro, NC; Greenville, SC; Columbia, SC), whether it's to an office or your job site. If you are outside the 90-mile radius, we offer free ground to and from shipping (equipment is shipped in plastic crates with pre-printed return labels inside). We'd like to thank all of our existing clients for their continued support and welcome any new clients. If you are interested in hearing more about Eastern Solutions, please let us know and we would be more than happy to come out and visit.

**Below is a quick breakdown of the exciting things happening at ES:**



### **Added Inventory / Supplies:**

***Along with several items added to our growing inventory, here is a quick list of those specialty items that have been requested:***

- Core Drill w/ water kit
- Hammer Drills
- Diaphragm Pumps
- Air-Sparge System (Pilot Testing)
- SVE System (Pilot Testing)
- Sewer Camera w/Locator
- Downhole Camera w/DVR
- ATV / UTV Rental (Coming in April)
- Sand, Bentonite, and 55-Gallon Drums
- Large Selection of Vapor Points
- Carbon (Vapor/Water)



### **New Support Services**

***Based on our client's requests to expand our support services, Eastern Solutions now offers the following (Please note these services are for existing rental clients only):***

- Bushhogging and Heavy Clearing (i.e. Forestry Cutter)
- Small Excavations and Trenching
- Silt Fence Installation
- Minor Storm Water Repair
- Downhole Well Camera w/DVR Service
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- Field Personnel Support
- AS/SVE System Support and Installation
- Equipment Calibration and Repair Services

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Lake Wylie, SC 29710**

**Rentals@EasterSolutionsEnv.com  
Main Office: 803.746.5180**

## CALENDAR OF EVENTS—2018

### *Geological Events in the Carolinas*

Courtesy of AEG Carolinas Chapter—[www.aegcarolinas.org](http://www.aegcarolinas.org). Last updated October 7, 2018

Send updates/corrections to Alec Dziwanowski, [adziwanowski@gmail.com](mailto:adziwanowski@gmail.com)

**Meeting Date, Time, and Location are Subject to Change—Please Verify Prior to the Meeting**

**Date: October 30—November 1, 2018**

Event: 25th International Petroleum Environmental Conference (IPEC)

Time: 6:30-8:00pm

Location: Denver, Colorado

Contact/RSVP: [cese@utulsa.edu](mailto:cese@utulsa.edu) or 918-631-3088

Details: [https://www.aegweb.org/events/event\\_list.asp](https://www.aegweb.org/events/event_list.asp)

**Date: October 30—November 2, 2018**

Event: NC WAM Certification Training Lecture and Field

Location: NCDOT Traffic Engineering Offices, 750 N. Greenfield Pkwy, Garner, NC 27529

Details: <http://www.ncaep.org/event-3012361>

**Date: Thursday, November 1, 2018**

Event: Engineers Without Borders monthly meeting, Research Triangle Park Professional Chapter

Time: Meeting 6:30-7:45 p.m., Dinner and/or Drinks 8:00 p.m.

Location: The offices of CDM Smith; 5400 Glenwood Avenue, Suite 400; Raleigh NC

Details: <https://www.meetup.com/EWB-USA-RTP-Chapter/events>

**Date: November 4-7, 2018**

Event: Geological Society of America 130<sup>th</sup> Annual Meeting

Location: Indiana Convention Center & Lucas Oil Stadium, 100 S Capitol Avenue, Indianapolis, IN 46225

Abstract Deadline: August 14, 2018

Early Registration Deadline: October 1, 2018

Early Hotel Registration Deadline: October 10, 2018

Registration Deadline: October 8, 2018

Details: <http://community.geosociety.org/gsa2018/home>

**Date: Thursday, November 8, 2018**

Event: HAGS/AEG Fall Meeting

Presentation: Muhammed Babar, P.G. and Mike Knight, P.G., Gannett Fleming – Geological Mapping of Qatar (partnership between Gannett Fleming and USGS)

Contact/RSVP: Amy Randolph at [secretary-hags@gmail.com](mailto:secretary-hags@gmail.com) or (717) 395-3181

**Date: Thursday, December 6, 2018**

Event: Groundwater Professionals of North Carolina Raleigh Meeting

Presentation: Detection Methods for GenX and Per and Polyfluoroalkyl Substances (PFAS) by Mark Stynar with the EPA

Time: Dinner Meeting/Speaker from 5:30-9:00 p.m.

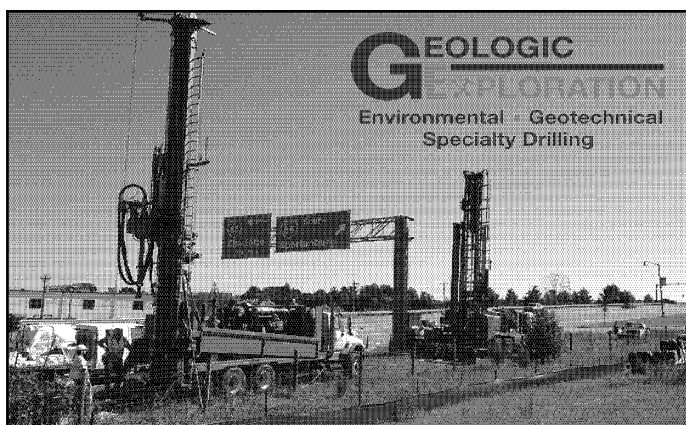
Cost: Standard-\$45/Public Sector-\$30/Students-FREE

Location: JC Raulston Arboretum at NCSU; 4415 Beryl Road, Raleigh, NC 27606

RSVP: [groundwaterprofessionalsnc@gmail.com](mailto:groundwaterprofessionalsnc@gmail.com)

Details: [www.gwpnc.org](http://www.gwpnc.org)

(Continued on Page 21)



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(Continued from Page 20)

**Date: Thursday, December 6, 2018**

Event: Engineers Without Borders monthly meeting,  
Research Triangle Park Professional Chapter

Time: Meeting 6:30-7:45 p.m., Dinner and/or Drinks  
8:00 p.m.

Location: The offices of CDM Smith; 5400 Glenwood  
Avenue, Suite 400; Raleigh NC

Details: [https://www.meetup.com/EWB-USA-RTP-Chapter/  
events](https://www.meetup.com/EWB-USA-RTP-Chapter/events)

**Date: January 7-10, 2019**

Event: AEG Coastal Hazards Forum

Location: Dauphin Island, Alabama Sea Lab Campus;  
101 Bienville Blvd., Dauphin Island Alabama 36528

Abstract Deadline: November 1, 2018

Details: [https://www.aegweb.org/events/EventDetails.aspx?  
id=919339&group=](https://www.aegweb.org/events/EventDetails.aspx?id=919339&group=)

**Date: March 28 - 29, 2019**

Event: Annual Meeting of the Geological Society of  
America, Southeastern Section

Location: Francis Marion Hotel; 387 King Street,  
Charleston, SC 29403

Abstract Deadline: December 4, 2018

Hotel Registration Deadline: February 26, 2019

Details: [http://www.geosociety.org/GAS/Events/  
Section\\_Meetings/GAS/Sections/se/2019mtg/home.aspx](http://www.geosociety.org/GAS/Events/Section_Meetings/GAS/Sections/se/2019mtg/home.aspx)

**Date: March 28 - 29, 2019**

Event: AEG Foundation Shlemon Specialty Confer-  
ence

Location: UNLV Campus, Las Vegas, Nevada

Abstract Deadline: January 15, 2019

Contacts: John H. Peck: [peckj1@juno.com](mailto:peckj1@juno.com)

Gary Luce: [lucegc@chart.net](mailto:lucegc@chart.net)

Details: [www.aegfoundation.org](http://www.aegfoundation.org)

(Continued on Page 22)

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(Continued from Page 21)

**Date:** June 8 - 14, 2019

**Event:** AEG Grand Canyon Field Trip

**Location:** Flagstaff, Arizona

**Costs:** TBD

**Details:** <http://aegcarolinas.org/aeg-grand-canyon-field-trip-june-2019/>

**Date:** September 17 - 21, 2019

**Event:** AEG Annual Meeting

**Location:** Renaissance Hotel; 31 Woodfin Street, Asheville, NC

**Costs:** TBD

**Date:** September 14-19, 2020

**Event:** AEG Annual Meeting

**Location:** Portland, Oregon

**Costs:** TBD

**Contact:** Heather Clark ([heather@aegweb.org](mailto:heather@aegweb.org))

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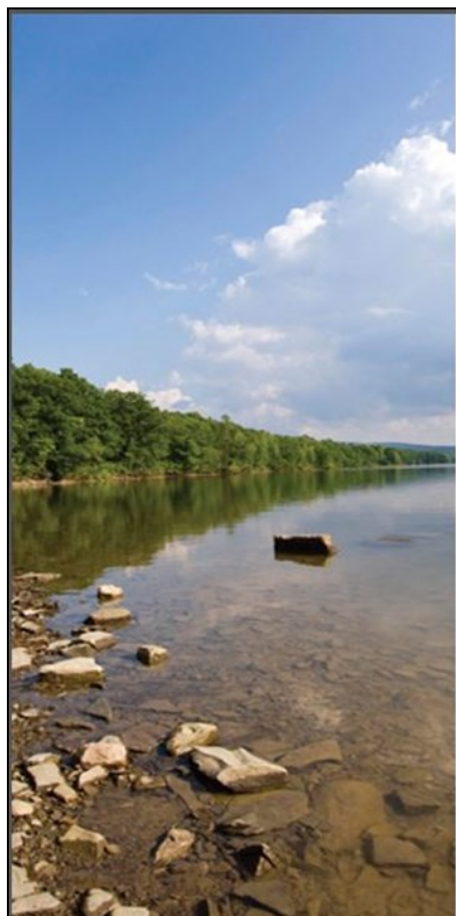
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Doug Canavella, P.G., M.B.A.



Eric Cross, P.G.



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**FULL MEMBER** ☐ Full Member Dues - \$150\*  
Must be practicing in Engineering Geology and/or Environmental Geology field and hold a degree in geology, engineering geology, or geological engineering, or a degree in a related professional field with 30 semester-hours of credit in the applied geosciences.

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#### 2. INDICATE YOUR CHAPTER

All paying memberships require applicants to pay Chapter dues in addition to the membership fee. Visit [www.aegweb.org/Chapters](http://www.aegweb.org/Chapters) for a list and map. Please call AEG Headquarters for assistance.

Chapter \_\_\_\_\_

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- ☐ AEG News (print) — additional \$30 USD per year  
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*Note: Bulletin issues will be mailed at the end of the year.*

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Are you a registered Geologist or Engineer? ☐ Yes ☐ No ☐ Please DO NOT list my contact information in the AEG Directory

Signature \_\_\_\_\_

*My signature attests that, to the best of my knowledge, I meet the academic and practice requirements for the membership class requested and that all information on this application are true and correct.*

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AEG's primary form of communication is paperless, which conserves environmental resources while also reducing administrative costs. Please add the [aegweb.org](http://aegweb.org) email domain to your e-mail safe list to help ensure you receive all communications from AEG.

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*\*AEG dues are not deductible as a charitable contribution for U.S. Federal income tax purposes but may be deductible as a business expense. However, Full and Affiliate members contribute to the AEG Legislative Fund along with their member dues and this portion does not qualify for any tax deduction. AEG estimates the 2018 legislative contribution made on your behalf to be \$10 for those who reside outside California. For CA residents, who already have an established member supported lobbying effort, AEG estimates the 2018 legislative contribution made on your behalf to be \$5. Chapter fees are non-deductible.*

Thank you! We appreciate your support of the Association of Environmental & Engineering Geologists.





## AEG CAROLINAS CHAPTER – SPONSOR INFORMATION

The Carolinas Chapter of AEG supports many of its activities with financial assistance provided by our sponsors. Our activities include quarterly meetings, periodic field trips and seminars, a quarterly newsletter, and email announcements about our meetings and geoscience related activities. In addition, we donate large quantities of educational resources to science teachers.

We offer several levels of sponsorship, but they all have one goal: to keep the sponsor's name in front of our members and to bring you business. We have a real commitment to connecting our sponsors to potential buyers and will do all we can to help you build your business. Most of our members are practicing professionals with responsibility for selecting subcontractors, so our group is a great place to find new customers and to catch up with existing clients in an informal setting.

Our sponsors provide the financial support that allows us to have reasonably priced dinner meetings, host seminars, provide discounted dinner meeting costs for students and teachers, underwrite the cost of newsletters and our web site, provide geoscience mentors for students and young professionals, and support science education tools to our teachers and in our schools. All costs listed below are per year and end in December. New sponsorships received after October will continue to December of the following year.

### Silver Sponsor (\$275):

GeoNews Newsletter: Business card size ad (2" high x 3-1/2" wide), four times per year.

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Email Announcements: Listing of your company name on each AEG Carolinas Chapter email announcement (our email list is currently over 1,000 people)

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Please complete the form below and mail to Walt Plekan, AEG Carolinas Sponsorship Chair. Please call or email if you have any questions (contact information below).

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(Modified 11/09/2016)

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