

GeoNews

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

2009, 2011, 2013, 2016, 2017, and 2020 AEG Chapter of the Year

SUMMER 2023



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SAVE THE DATES

AEG 66th Annual Meeting – “Hazards in Hindsight...Lessons for the Future”
Portland Marriott Downtown Waterfront; Portland, Oregon
September 19-24, 2023
AEG Carolinas Chapter Meeting
Asheville, North Carolina
September 2023

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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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Cover: Participants from the Spring Geology Field Trip standing on a surface rupture from the August 9th, 2020 5.1 magnitude earthquake in Sparta, North Carolina. The field trip was led by Mark W. Carter and Dr. Arthur Merschat, research geologists at the Florence Bascom Geoscience Center of the United States Geological Survey. Photo provided by Rick Wooten.

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Message From the Chair

By Jennifer Thomas, P.G., AEG Carolinas Chapter Chair

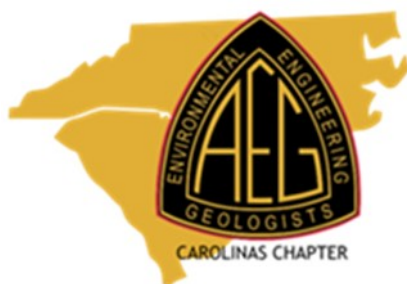
The first half of the year has continued to be busy with Greenville and Raleigh meetings as well as a field course to the Sparta fault zone that was discussed in Asheville last year. Some of you may have attended the Clemson Hydrogeology Symposium as well. They always have enlightening presentations and field courses.

Thanks to the efforts of our sponsor chair and other officers, we brought past sponsors back into the fold. We also welcome some new ones. Sponsors help provide funding for meetings and other events, and particularly to support our student members. Since sponsors' products and services are promoted to members it's good for business. As always, a sponsor application is at the end of this newsletter.

We have a couple social events coming up this summer, centered around minor league baseball games in our area. Then we will have a meeting in Asheville in early October. We are working on putting together some field trips too. If members have requests for a topic or field trip that you would like, or you want to present or lead a field trip, please contact me or one of the other officers listed in this publication.



Jennifer Thomas, P.G.
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AEG Carolinas Chapter Chair



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AEG Carolinas Chapter Updated 1Q 2023 Treasurer's Report

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



AEG Carolinas Section Treasurer's Report Jan 1, 2023 through Mar 31, 2023

BALANCE As Of Jan 1, 2023		
Checking Account		\$ 1,394.60
Savings Account		\$ 15,622.82
		\$ 17,017.42
INCOME		
Chapter Dues		\$ 710.00
Meetings		
January Meeting-Charlotte		\$ 1,685.11
March Meeting - Greenville		\$ 460.00
March Meeting - Raleigh		\$ 1,590.02
Misc		
Sponsor Payments		\$ 3,500.00
GeoNews Advertising		\$ 160.00
Interest		
Interest from savings		\$ 5.42
SUBTOTAL - INCOME		\$ 8,110.55
EXPENSES		
Fees		\$ -
Meeting Expenses		
AEG Speaker @ ETSU - pizza/soda		\$ 53.49
AEG Speaker @ Furman - pizza/soda		\$ 139.44
AEG Speaker @ UNCC- pizza/soda		\$ 130.56
AEG Speaker @ Clemson - pizza/soda		\$ 113.80
January Meeting-Charlotte		\$ 2,705.08
October 2023 Meeting Deposit		\$ 320.75
March Meeting Greenville		\$ 1,780.02
March Meeting Raleigh		\$ 100.00
AEG Speaker reimbursement		\$ 295.46
Banking Fees		
Paypal January Meeting-Charlotte		\$ 71.67
Paypal/CC March Meeting - Greenville		\$ 16.37
Paypal/CC March Meeting - Raleigh		\$ 70.34
Paypal Sponsors		\$ 112.13
Paypal GeoNews		\$ 6.07
Additional Expenses		
Webhosting and Email Service		\$ 580.08
Printing and Postage		\$ 185.86
SUBTOTAL - EXPENSES		\$ 6,681.12
BALANCE As Of Mar 31, 2023		
Checking Account		\$ 5,318.61
Savings Account		\$ 13,128.24
TOTAL		\$ 18,446.85

Summary of the Chapter Dinner Meeting in Raleigh

By Rick Kolb, L.G., Former Carolinas Chapter Chair

We had an excellent meeting at Clouds Brewing in downtown Raleigh on March 30th, with approximately 50 in attendance, of which $\frac{2}{3}$ were non-members. The weather was perfect and we had the entire patio, which was filled and was lively as usual.



AEG Guest Speaker Dr. Stanley R. Riggs, Coastal Marine Geologist, presenting to AEG members on the topic entitled NORTH CAROLINA'S WATERY WORLD: FROM PAST TO PRESENT AND FUTURE

(Continued on Page 6)

Summary of the Chapter Dinner Meeting in Raleigh

(continued from page 5)



(continued) Though the meeting was in Raleigh, we had only one student from NC State, two from UNC-Chapel Hill (one an environmental science major), and two from Wake Tech. Typically we have many students at the Raleigh meeting and we thought Dr. Riggs's presentation would be of interest to future professionals that will deal with climate change and rising sea levels. Guest speaker Dr. Stan Riggs spoke to many of the attendees during the social hour-and-a-half. Attendees included AEG Secretary/former Chapter Chair Paul Weaver; our “new” Membership Chair Meredith Ambrose; NCBLG Chair Steve Stadelman; Gretchen Miller, a geology professor at Wake Tech and her husband/geologist Randy Bechtel of NC Parks; AEG Senior Emeritus member William Moore and his wife Crystal; and Amy Pitts, the education geologist at NCDEQ.



Pictures taken by Rick Kolb of attendees socializing with Dr. Stan Riggs (top) and enjoying the weather at the AEG Carolinas Chapter Dinner Meeting at Clouds Brewing in downtown Raleigh, NC on March 30, 2023.

(Continued on Page 7)

Summary of the Chapter Dinner Meeting in Raleigh

(continued from page 6)

(continued) Dr. Riggs made an excellent presentation with great slides of aerial photographs that showed changes to the North Carolina coastline over time. Although many of us are familiar with the changes to the coastline, these aerial photographs over time showed the dramatic changes that have been going on for decades. Towards the end of Dr. Riggs' talk, the servers brought out the dessert cake. Usually we have cake left over, but not this time; it went fast! People lingered over cake and conversations; many remained on the Clouds patio 'til 10:00.

Picture taken by Rick Kolb
at the AEG Carolinas
Chapter Dinner Meeting at
Clouds Brewing in
downtown Raleigh, NC on
March 30, 2023.



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SUBHORIZON GEOLOGIC RESOURCES

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Summary of the Chapter Dinner Meeting in Raleigh

(continued from page 7)



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2023 AEG CAROLINA SCHOLARSHIP RECIPIENT

By Paul Weaver, AEG Carolinas Chapter Scholarship Committee Chair

The AEG Carolinas Scholarship was established in 2015 with initial seed money in the amount of \$10,000 from the AEG Carolinas Section (now the AEG Carolinas Chapter). The eligibility requirements for the scholarship are as follows:

- Student must be an undergraduate geoscience major enrolled in a school in North or South Carolina.

- Student must be an AEG Student Member.

- Student must provide academic transcripts.

- Student must provide an approximately 500-word essay that describes why they believe they deserve the scholarship and how they will use it (e.g., for tuition, field camp, books, etc.).

- The scholarship application must be completed on the AEG Foundation website (www.aegfoundation.org) by February 1 of each year.

The Carolinas Scholarship for 2023 was awarded to Sarah Holloway. The award amount for this year was \$3,000.00.



Sarah is a graduating senior at UNC-Charlotte and is continuing to earn her Masters of Earth Science with a focus on geology at UNC-Charlotte. Sarah is a non-traditional student in that at this point in her life, she is changing careers and following her natural inclination to study geochemistry and Earth history. Sarah has worked as an independent insurance agent for 17 years.

(Continued on Page 10)

2023 AEG CAROLINA SCHOLARSHIP RECIPIENT*(continued from page 9)*

(continued) An excerpt from the recommendation from one of her professors states that Sarah has “brought her strong work ethic and love of learning into her education. It is rare to find a student who studies with her level of curiosity and motivation to succeed. She sets high expectations for herself and her peers in the classroom and laboratory environments. She is an involved member in the UNC Charlotte Geology & Earth Science Club, who volunteers for street cleanups and encourages other students get involved. Outside of school, she has shown remarkable acts of generosity. Last year, she and her husband took in his 11-year-old second cousin due to difficult circumstances with the mother, giving the boy a safe home, great education, and loving family. Over the summer, she opened her house to two college students and their dog while they were in between student housing.”

When Sarah was asked on the application for the Carolinas Scholarship how she would use the Carolinas Scholarship, she stated: “With the Carolina's Scholarship I will have access to funds for tuition and research. I am a senior graduating in May; however, I have had to take out a few loans to cover tuition and living expenses. As a non-traditional student with two children, our living expenses are more than a typical college student. This scholarship would help me avoid having to take out additional loans to help cover tuition, car maintenance and repairs to commute to school, and lack of income while I finish my research. Currently I am working on a geochemical project on osmium and will hope to focus my master's thesis on the ancient volcanoes of the Uwharrie in North Carolina. I have always been passionate about helping people, particularly those who cannot advocate for themselves. With a Geology degree, I look forward to pursuing a path of teaching in higher education and mentoring future non-traditional students, or use my knowledge and resources to discover sources of contaminants in groundwater and soil and predict problems to populations at risk.”

*(Continued on Page 11)*

2023 AEG CAROLINA SCHOLARSHIP RECIPIENT

(continued from page 10)

(continued) The Carolinas Chapter congratulates Sarah on her academic achievements and for being chosen for the 2023 AEG Carolinas Scholarship. As a reminder to other Carolinas students out there, the deadline for applying for the 2024 Carolinas Scholarship is January 15, 2024. Applications may be accessed and completed through the following link [Grant & Scholarships - AEG Foundation](#) (if that doesn't work, simply Google "AEG Foundation").

For anyone wishing to donate to the scholarship fund, donations can be made at any time on the AEG Foundation website at: <http://www.aegfoundation.org/pdf/AEGF%20Donation%20Form.pdf>



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Summary of North Carolina Geological Survey's ROCKin' Geology Party!*By Amy Pitts, P.G., Education and Outreach Coordinator (NCGS, NCDEQ)*

On April 15, 2023 the North Carolina Geological Survey hosted its 2nd annual ROCKin' Geology Party!, an official NC Science Festival event. Founded in 2010, the North Carolina Science Festival (NC SciFest) is the first statewide science festival in the US. The festival celebrates the economic, educational, and cultural impacts of science in North Carolina. It's an initiative of Morehead Planetarium & Science Center at The University of North Carolina at Chapel Hill.



NCGS's ROCKin' Party was a fun filled afternoon featuring all things geology. NCGS staff and volunteers hosted over 70 future ROCKstars who crafted their own geodes, played rock bingo, learned how rocks and minerals affect their everyday lives, and even completed a scavenger hunt while taking a guided geology tour of West Point on the Eno Park in Durham. There were so many smiling faces and shouts of "how cool!" that we can't help but be proud of the earth science outreach void we're filling.

The only downside to all this success? We doubled our registration and attendance from last year and I fear we have outgrown this awesome location and its small pavilions. If you

have suggestions for a suitable location for our ROCKstars for 2024, let me know. We're always looking for volunteers for our Party, as well, so please keep us in mind for April 2024.

Amy Pitts, P.G.,

Senior Geologist for Education and Outreach

Amy.Pitts@deq.nc.gov

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Summary of North Carolina Geological Survey's ROCKin' Geology Party!*(continued from page 13)*

Pictures taken by Amy Pitts at the 2023 the North Carolina Geological Survey's 2nd annual ROCKin' Geology Party! — an official NC Science Festival event.

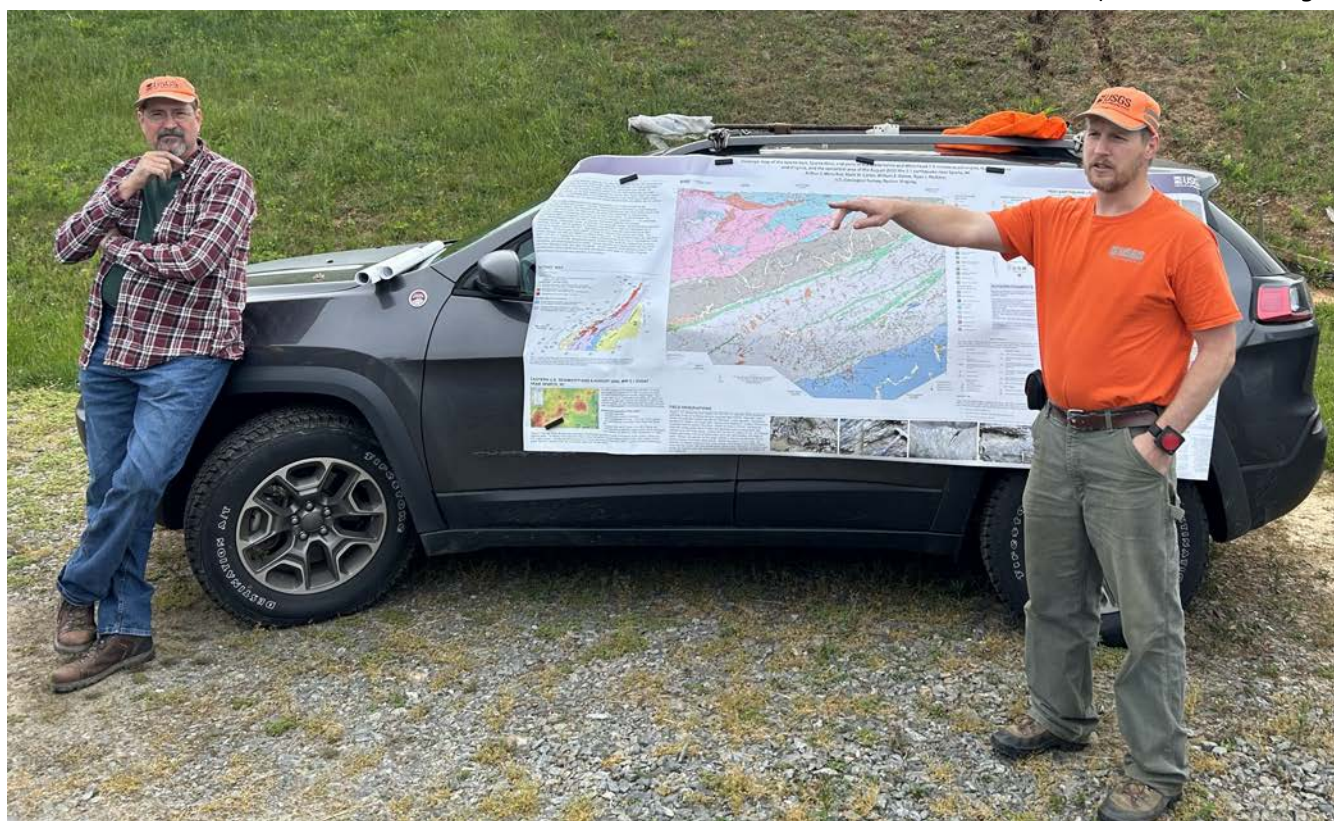


Summary of the Geology Field Trip in Sparta, NC

By Colleen Ranieri, GIT, AEG Carolinas Chapter Newsletter Co-Editor

On Saturday, May 20th, AEG of the Carolinas held a field trip in the most beautiful and quaint mountainous town of Sparta, North Carolina. The field trip had a full attendance list and was led by Arthur Merschat and Mark Carter (pictured) from the United States Geological Survey (USGS). Almost three years ago on August 9th, 2020, a 5.1 magnitude earthquake shook the little town of Sparta, causing damages to over 500 properties, from water wells and septic systems, to roads and building structures. Arthur and Mark have since been investigating the causes of the quake which was remarkable in magnitude given its location in the heart of the sleepy, ancient Blue Ridge. On this field trip, they led the group over hills and through cow pastures noting each piece of tectonic evidence that points to why they believe that this earthquake was not a random isolated event.

(Continued on Page 16)



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Summary of the Geology Field Trip in Sparta, NC

(continued from page 15)



Arthur Merschat (USGS) presenting LiDAR raster data that spans across Alleghany Co. The main surface rupture from the 2020 earthquake traveled along The Little River Fault (NW-SE) which distinctly shows the boundary between uplift (green) and depression (blue).



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With the help of LiDAR, Arthur and Mark were able to identify many geomorphologic changes across the area. The USGS was able to confirm such changes in topography by speaking to numerous local residents and business owners regarding damages to property. Not only were many private utilities disturbed, but natural springs had been uplifted and gone dry, and building structures and pavement were visibly buckled. Most notably, LiDAR was used to distinguish the surface ruptures that resulted from the earthquake. The main surface rupture has since been named the ‘Little River Fault’.

(Continued on Page 17)

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Summary of the Geology Field Trip in Sparta, NC

(continued from page 16)



Arthur Merschat stands on the hanging wall of the surface rupture in a cow field as he points out the direction it continues.



The participants were led to six locations throughout the day to see the surface ruptures, paleoseismic evidence, and geochronologic structures. It was here where Mark and Arthur began to walk the group along the full extent of the surface rupture—about a mile. Afterward, the group split for lunch and reconvened in the Food Lion parking lot for a “chalk talk” while people finished their meals. Then, they proceeded to see some more evidence of brittle faults, Pleistocene terrace deposits and other landscape evolution.

(Continued on Page 18)

Summary of the Geology Field Trip in Sparta, NC

(continued from page 17)

(Top Left) The orange flags were dropped along the extent of the fault scarp. The one in the foreground is placed on the uplifted side of the area of greatest deformation (about 20cm), although it has since been diminished by a colluvial wedge.

(Top Right) The USGS had dug trenches to further examine the deformation of the fault. The presence of clay gouges found in the soil indicate reactivation structures.

(Bottom) The group stops to enjoy the beautiful scenery in the Blue Ridge!



(Continued on Page 19)

Summary of the Geology Field Trip in Sparta, NC

(continued from page 18)



Offset fence posts from the earthquake.

The rain held off long enough for the group to enjoy the beautiful day throughout which participants earned 7 professional development hours. Afterwards, many flocked to Laconia Ale Works for a round of beverages.

Upon learning that this group of Geologists traveled to Sparta to see the surface ruptures from the August 2020 earthquake, the bar staff shared a fun fact about the establishment: that many of their drinks featured a 5.1% ABV in honor of the 5.1 magnitude earthquake!



Surface rupture which cracked the (since repaired) asphalt along Chestnut Grove Church Rd in Sparta, NC

(Continued on Page 20)

Summary of the Geology Field Trip in Sparta, NC

(continued from page 19)



In this saprolitic outcrop of the Alligator Back Formation (amphibolite & biotite schist and gneiss), Mark Carter (USGS) points out brittle faults in the that are seismogenic in origin as indicated by the slicken lines on the iron and manganese deposits on the clay films. The movement is dextral normal (bottom left & top & bottom right). These were not caused by the surface rupture but occurred before as seen by how the foliation wraps around (top left) and determined by cosmogenic age dating.



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Summary of the Geology Field Trip in Sparta, NC

(continued from page 20)

Property deformation at Scott's Landscaping, Nursery, and Farms caused by the August 9th 2020 earthquake.

(Top Left) Asphalt compressed and crept over concrete in the days following the quake.

(Top Right) Buckled siding

(Bottom) Arrow points to dent in roof structure

Photos in this article were provided by Brad Worley and Colleen Ranieri.



Giving Geology Back to Our Communities

By Mr. Jonathan Gerst, MS, PG, AEG Carolinas Chapter Vice Chair

So many of us environmental engineers and geologists enter into the profession with our sails full of wind and a strong desire to make the world a better place. However, it's not uncommon to become jaded with the profession as we advance in our careers and truly begin to understand the governing principles at work. As an environmental and water resources consultant with 17 years experience, I've experienced great joy from working at awesome sites for responsible clients, and doing my part to make the world safer for human health and the environment. However, there is an unfortunate dilemma I've observed that can affect all of us in the profession that comes from either 1- working for clients that want their consultants to help them pollute to the fullest extent of the law, and/or 2- working for employers that are too eager to cut corners with their budgets and our time in the supposed pursuit to find the balance between environmental protection and economic prosperity. At times, it can feel quite disparaging, almost as if we geologists are just like storm troopers, working for an evil empire that only cares about the bottom line.

(Continued on Page 23)



Giving Geology Back to Our Communities

(continued from page 22)



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Wastewater

Groundwater

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29 B

Specialty

So what can we do to fill our sails again, and bolster the mentality of altruism that burned so brightly early in our respective nascent careers? Well, let me humbly share a few options to avoid burn out, and provide some examples that I have been fortunate to be a part of. When my love for the profession faltered, my mentors encouraged more active participation in giving my skills/knowledge back to the community. Since that time, I've found so many sincerely rewarding opportunities that were just waiting for volunteers to get the job done. Whether it's community service with your professional organizations (we have plenty of volunteer needs with AEG, so just inquire), holding volunteer board positions, helping non-profits with citizen science projects, or offering career planning and education talks, the world needs you!

In recent years, I've reignited my love for the profession via service to the community through the Tryon Planning/Zoning Board, the Conserving Carolina Stewardship Committee, the AEG Carolinas Board, and as a crag steward for the Carolina Climbers Coalition. I've also found warm receptions in volunteering my time with higher education (career planning and technical presentations at ASU and UNCA) and elementary school talks. One shining example of the joy and reward these experiences can provide involves a recent "Geology Rocks!" presentation I gave to my son's 3rd

(Continued on Page 24)

Giving Geology Back to Our Communities

(continued from page 23)

grade class at Tryon Elementary (see picture above). We covered some basic hydrogeology topics (3 rock types, the water cycle, the pretty and the ugly sides of geology with exciting pictures, and geochronology), and we even did some really fun experiments to support the topics (i.e. rock identification, pH testing and limestone dissolution with HCl, and edible stratigraphy). While I didn't get paid in money for my role, it was a high value experience that was wholesome and rewarding for all involved. If you haven't already, give it a try some time. You'll be glad you did.



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- **Borehole Geophysics**
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Please contact: Ned Billington, PG, 336-420-5452
geophysics@espassociates.com
www.espassociates.com

Carolina Board Meeting Minutes 6-13-2023, 4:00pm— Microsoft Teams Meeting
By Laura Elliot, P.G.—Carolinas Chapter Secretary



AEG CAROLINAS CHAPTER- BOARD OF DIRECTORS MEETING MINUTES

June 13, 2023, 4:00 TO 5:00 PM

Roll Call - Jen Thomas, Rick Kolb, Laura Elliott, Jonathan Gerst, Adam Phillips, Paul Weaver

No review of current chapter finances.

Upcoming Meetings

Today's main topic is the regional meeting in Asheville. Oct 7-8 weekend has been proposed. We're thinking a meeting and field trip. Jen has grabbed Atlanta and Nashville lists to invite people. Wedge at Foundation with their associated bbq catering worked well last time for a dinner meeting. We need people to lead the field trip and speak. Bart Cattanach of NCGS was contacted and will reply soon. Jen will reserve dates at venues once we have speakers committed. We most likely need a block of hotel rooms.

Notes: Need to book venue and speaker Wedge on Friday, Field trip on Saturday.

Greensboro-Oct 12 at Red Oak Vince Cronin (Jahns Lecturer). Laura is setting up. We will need to select a talk. I can't remember if we did already. Student liaison Brad Worley will set up a school tour. We can schedule another board meeting Aug or Sept to work on that.

Notes: Laura will reach out to Vince to book a hotel. The talk we decided on was "How can an engineering geologist find an active fault?"

Possible future chapter meetings or field trips in Charleston and Columbia - Scott Howard in Columbia and Will Doar in Charleston, both w/ the SC geological survey. Rich Anthony in Charleston, who organized the Charleston chapter meeting last year, recommends Scott highly. Scott Howard (SCGS) suggested the spillway at Lake Murray.

"This is a world-class outcrop." He said permission is usually not hard to get.

Notes: We decided to move this chapter meeting/field trip to Spring 2024 so that it does not conflict with the Asheville/Greensboro meetings in the fall. Friday night meeting, field trip on Saturday.

(Continued on Page 26)

Carolina Board Meeting Minutes 6-13-2023, 4:00pm (continued from page 25)

(continued)

GEONews – Meredith

Due out 6/21. We need plans to be further along on Asheville Regional Meeting for it to be the focus of this addition. We always need content. Does anyone know any members who attended Clemson Hydro or other events and can do an article?

Rick's field trip to Sparta?

Notes: Meredith and Colleen have sent several emails out for articles.

Carolinas Scholarship – Paul has a conflict and cannot attend this meeting. He asked if we would donate \$3K to the Carolinas Scholarship Fund to replace the money we awarded to this year's Carolinas Scholarship recipient.

Sarah Holloway from UNCC won the scholarship

Notes: Jen moved, Laura seconded, all in favor.

No Sponsor Update

No Membership Update

Field Trips - Rick

Phil Bradley, NCGS, suggested a fall field trip in eastern NC. Rick will contact Phil to see about a date.

Social Activities, Communications and Social Media– Adam

Notes: Adam wants to engage more. He requested that we each share our chapter linkedin page with all followers. Baseball games and brewpub events would be good for summer outings.

Winston Salem Dash / Foothills July 20

Durham Bulls – Tobacco Road spot on a Thurs July 27

Charlotte or Asheville brewpub outing – TBD August

Ideas on putting on a mini conference or getting sponsors for social events. Will discuss at future meetings. VI conference in the spring?


Additional notes: 2026 AEG Annual Meeting will be in Chattanooga, TN

Meeting Adjourned, 5:00 PM.

AEG of the Carolinas—Board Elections in August

Would you like to be involved more with the AEG Carolinas Chapter? Each year, our chapter holds elections for the four board positions: Chair, Vice Chair, Treasurer, and Secretary.

The Chair serves a 2-year term and the other three positions are for 1 year. The former Chair serves for 2 years as Past Chair and remains on the board, so it comprises five geologists. Jennifer Thomas, is currently finishing her first year as Chair. Our chapter will hold elections for the other three board positions in **August**. Dates for submissions will be announced soon and ballots will be sent out in August. Also, feel free to ask about potential openings for our other committee member roles!



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NEWSLETTER



CALENDAR OF EVENTS—2023

Geological Events in the Carolinas

Courtesy of AEG Carolinas Chapter—www.aegcarolinas.org. Last updated July 8, 2023

Send updates/corrections to Rick Kolb, rick.kolb1@gmail.com

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

Date: Wednesday, July 26, 2023

Event: How to Prepare and Strategize for the ASBOG® Fundamentals of Geology Exam

Location: Virtual

Cost: Free for AEG members and students, \$20 for non-members

Details: AEG's Student & Young Professional Support Committee presents the fifth FG webinar at 4:00-6:00 PM EDT.

Registration: Go to the calendar at www.aegweb.org to register

Date: Thursday, July 27, 2023

Event: AEG Carolinas Brewpub Social

Time: 5:30-8:30 PM

Location: Tobacco Road Sports Café, 280 S. Mangum Street, Durham

Details: no registration required; just show up, have a few beers with fellow geologists and chapter sponsors, and watch the game between the Durham Bulls and Charlotte Knights from the brewpub above the left field

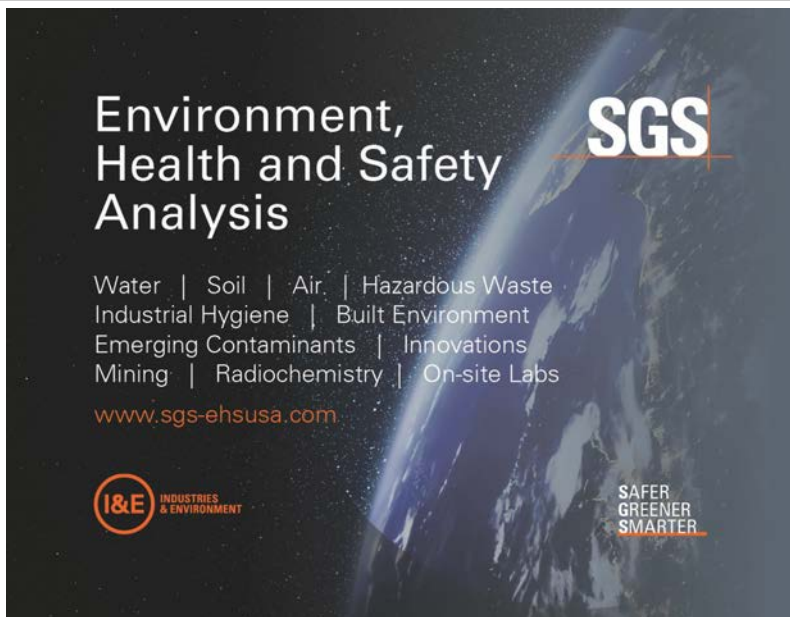
Date: September 8, 2023

Event: Groundwater Professionals of North Carolina Annual Golf Tournament

Time: 8:00 AM tee time

Location: Bryan Park Golf – Champions Course in Greensboro

Details: www.gwpnc.org/meetings & on LinkedIn



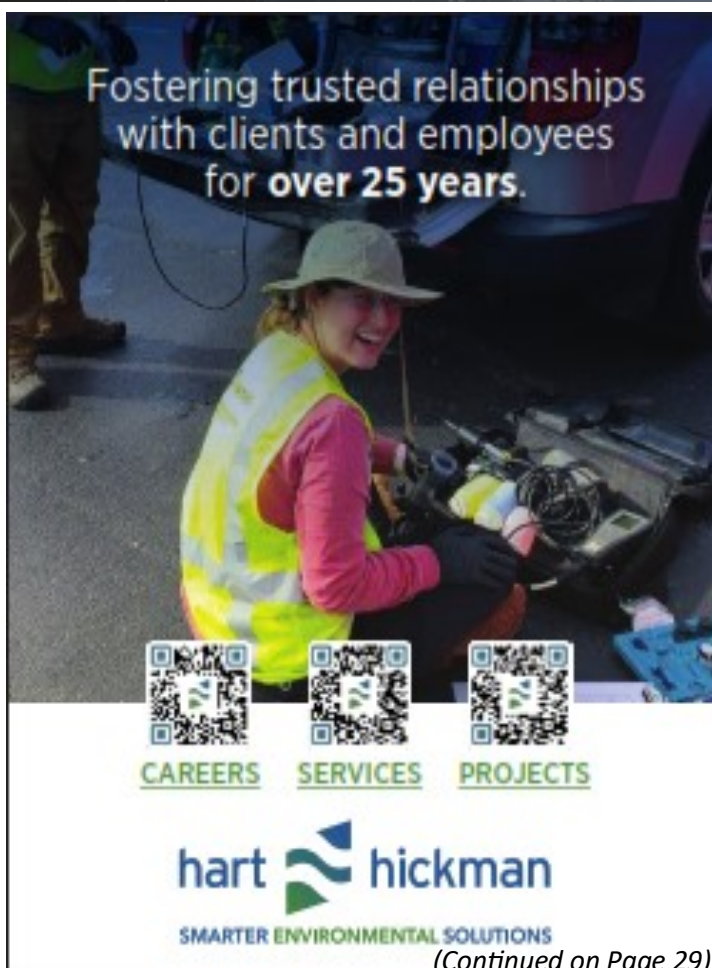
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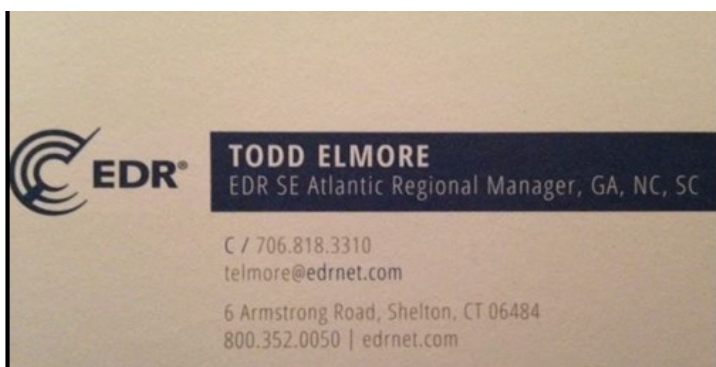
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(Continued on Page 29)

CALENDAR OF EVENTS—2023 (continued from page 28)

Date: September 2023 (date TBD)

Event: AEG Carolinas Chapter Meeting

Location: Venue TBD in Asheville, North Carolina

Cost: \$35 for AEG members, \$45 for non-members, \$20 for public-sector employees and teachers; **free** for students w/ ID. **Registration will be \$5 more at the door.**

Details: 5:30-7:00 socializing, 7:00-8:00 buffet dinner; 8:00-9:00 speaker.

Presentation: TBD

Date: September 19-24, 2023

Event: AEG 66th Annual Meeting – “Hazards in Hindsight...Lessons for the Future”

Location: Portland Marriott Downtown Waterfront; Portland, Oregon

Details: <https://www.aegannualmeeting.org>

Date: Friday, October 6, 2023

Event: ASBOG FG and PG Exams – **deadline to apply to the NCBLG to take the exams is July 27, 2023**

Location: The 21 Prometric Testing Centers in North Carolina and the 6 in South Carolina

Contact: www.ncblg.org or <https://llr.sc.gov/geo/>

Date: October 15-18, 2023

Event: Geological Society of American Annual Meeting

Location: Pittsburgh, Pennsylvania

Details: <https://community.geosociety.org/gsa2023/home>

Date: October 27-29, 2023

Event: Carolina Geological Society annual meeting and field trip – Welcome party is Friday night, field trip is Saturday and Sunday -- “The Geology of the Carolina Terrane in Chatham County, North Carolina: Results of the New Geologic Mapping by the North Carolina Geological Survey”

Location: Headquarters is the DoubleTree by Hilton at RDU Airport.

Registration: Opens this summer per the website

Details: <https://www.carolinageologicalsociety.org/details-cgs-meeting-and-field-trip/>

Date: October 30 - November 2, 2023

Event: 53rd Annual Southeastern Transportation Geotechnical Engineering Conference

Location: Charlotte, North Carolina


Details: <http://stgec.org/>

Date: September 10-14, 2024

Event: AEG 67th Annual Meeting

Location: Hilton Philadelphia at Penn’s Landing; Philadelphia, Pennsylvania

Matt Gillis
SE Regional Account Manager



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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 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.

Meetings: Listing on a Sponsor Poster, located at sign-in table. Verbal acknowledgement by name in Chairman's introductory comments.

Meeting Exhibits: Space for tabletop display at one meeting. Cost of meeting waived for one person on the exhibit date.

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

Web Page: Acknowledgement on the AEG Carolinas Chapter Web Page, www.aegcarolinas.org, with a link to your site.

Gold Sponsor (\$400):

GeoNews Newsletter: Quarter-Page ad (4-1/2" high x 3-1/2" wide), four times per year.

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Web Page: Acknowledgement on the AEG Carolinas Chapter Web Page, www.aegcarolinas.org, with a link to your site.

Platinum Sponsor (\$550):

GeoNews Newsletter: Half-page ad (4-1/2" high x 7" wide), four times per year.

Meetings: Listing on a Sponsor Poster, located at sign in table. Verbal acknowledgement by name in Chairman's introductory comments.

Meeting Exhibit: Space for tabletop display at three meetings. Cost of meeting waived for one person on the exhibit date.

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

Web Page: Acknowledgement on the AEG Carolinas Chapter Web Page, www.aegcarolinas.org, with a link to your site.

Titanium Sponsor (\$650):

Same as Platinum, but with a FULL PAGE ad in GeoNews. Limited to 2 Sponsors per year.

GeoNews Newsletter Sponsorship Only

Businesses or individuals can also advertise in GeoNews without being a full sponsor. The annual rates for advertising in GeoNews are as follows:

Business Card	\$ 40.00
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Please complete the form below and mail to Eric Cross, AEG Carolinas Sponsorship Chair. Please call or email if you have any questions (contact information below).

AEG Carolinas Chapter Sponsorship Form

Please begin our sponsorship of the Carolinas Chapter of the Association of Engineering Geologists. Our sponsorship level is:

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**** Sponsors will be listed on the AEG Carolinas Chapter Facebook Page! ****

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Thanks to our chapter sponsors, without which our meeting dinners would be more expensive, and we couldn't offer reduced rates for the public sector employees and teachers, and free dinners for students. Be sure to tell them thanks for supporting AEG and our profession!

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