

# GeoNews

Newsletter of the Association of Environmental & Engineering Geologists,  
Carolinas Chapter  
*2009, 2011, 2013, 2016, 2017, and 2020 AEG Chapter of the Year*

WINTER 2025-2026



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## SAVE THE DATES

AEG Winter Chapter Dinner Meeting  
Olde Mecklenburg Brewery, Charlotte, NC  
January 29, 2026

AEG Spring Chapter Dinner Meeting  
Raleigh, NC  
April 9, 2026

AEG Spring Field Course  
Troy, NC  
April 11, 2026

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**Thanks to our Sponsors!**

**Cover:** Trench line from Dr. Chris Stohr's lecture on "Retrospective of the Earthline Hazardous Waste Landfill Failure: A Case Study of Legacy Landfills and Dumps"

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**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 AEG Carolinas GeoNews**

(can be flexible depending on events)  
 Spring—deadline March 1, issue date April 21  
 Summer—deadline June 1, issue date July 21  
 Fall—deadline Oct 1, issue date Oct 21  
 Winter—deadline Jan 1, issue date Jan 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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<b>AEG National Website</b>	<a href="http://www.aegweb.org">www.aegweb.org</a>

## Message from the Chair

*By Laura Thomas, P.G.*

Happy New Year! Here's to getting those resolutions to stick and making the most of this fresh new year. Your AEG Carolinas Board has planned a great list of events for this spring and we would like to encourage you to share the events with coworkers, friends, student groups, and attend! We are still enjoying the winter weather and hoping for some real snow days, but spring is right around the corner. Our Charlotte and Raleigh dinner meetings are planned with the Jahns Lecturer visiting Charlotte and our own Carolinas' member, Paul Weaver, P.G. (current AEG President), speaking in Raleigh, as well as an upcoming Spring Field Course in Uwharrie. Be on the lookout for more social gatherings with our friends in GWPNC, AIPG, and other organizations.

The AEG's Annual Meeting will be close by in Chattanooga, TN, in September, so consider attending such a great drivable opportunity. 2026 will also see the first North Carolina Environmental Conference held in Winston-Salem in October, so mark your calendars. NC was ranked #1 for business and #1 in workforce in the country, and SC continues to rank highly for cost-efficiency, government support, and infrastructure readiness. There will definitely be growth in the Carolinas, so we will have our work cut out for us in engineering geology.

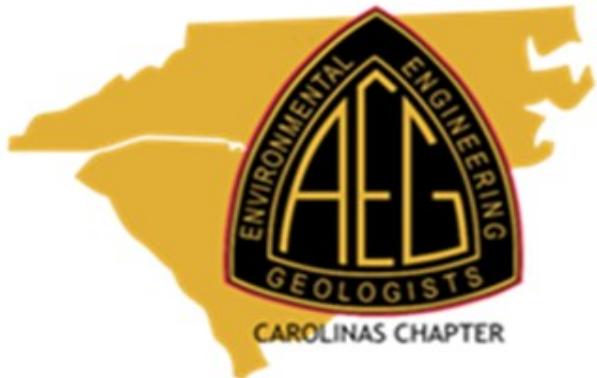
I'd like to thank our sponsors for allowing us to continue hosting dinner meetings and funding the annual scholarship for a student seeking an undergraduate degree in geology. We appreciate everyone's time and energy to make this non-profit a success! If you'd like to sponsor the AEG, please reach out to me anytime. We have a long list of great benefits to your business, including advertising, networking, and free meeting attendance.

Thank you,

Laura R. Elliott, P.G.

AEG Carolinas Chapter Chair

[laura.elliott@terracon.com](mailto:laura.elliott@terracon.com)



## **AEG Carolinas Chapter Board of Directors Meeting**

### **October 30, 2025**

*By Carsen Adams, AEG Carolinas Chapter Secretary*

#### **Call to Order**

#### **Roll Call**

All invitees were present except for Adam Phillips.

#### **New Officers Announcement**

Chair – Laura Elliott

Vice Chair – Meredith Ambrose

Treasurer – Walt Plekan

Secretary – Carsen Adams

Past Chair – Jen Thomas

Membership Chair – Katie Adkisson

Field Course Chair – Andrew Beaty

Newsletter Co Editors – Meredith Ambrose & Katie Adkisson

Social Media/Social Committee Chair

Student Liaison – Michael Daniels

Sponsorship Chair – Colleen Ranieri

#### **AEG Meeting/Field Course updates**

##### **AEG Annual Meeting Chicago –**

- Paul Weaver and Rick Kolb discussed highlights from the 2025 Annual Meeting in Chicago. Approximately 10 attendees from the Carolinas Chapter
- Carolinas Chapter was acknowledged
- Rick briefly mentioned the 2026 annual meeting in Chattanooga - hoping for good attendance considering proximity. Plenty of opportunities for volunteering help.

## AEG Carolinas Chapter Board of Directors Meeting

### October 30, 2025

*By Carsen Adams, AEG Carolinas Chapter Secretary*

#### **Field Trip Recap**

- Field Course Chair, Andrew Beaty, gave a recap of recent field trips to the Uwharrie Mountains and to Moncks Corner, SC.
  1. Uwharrie Field Trip/Course - Well attended, almost 30 participants. Led by Tyler Clark, P.G.
  2. Moncks Corner, SC (in conjunction with the SC Association of Environmental Professionals) – Lighter attendance (~12), hoping to offer more field course opportunities in SC in the future. Led by Melanie Goings, P.G. and Adam Mims, MEM, Santee Cooper.

Plans are TBD for the next field course. Would likely be scheduled for Spring 2026.

#### **Asheville Meeting Recap –**

Past Chair, Jen Thomas, gave a brief recap of the recent Asheville Meeting (September 11, 2025). The meeting was well attended, with 45-50 people. Focused on Hurricane Helene Damage.

#### **Greensboro Meeting –**

Current Chair, Laura Elliot, gave a brief recap of the recent (October 23, 2025) Greensboro Dinner Meeting at Kau.

- Laura mentioned that the meeting was off to a slow start but ended up being well attended. Approximately 45 attendees. Audio quality was suboptimal; microphone was not charged. Possibly look at other venues in the future. Need to bear in mind that this meeting is usually the same week as another regional chapter meeting, which could contribute to lower attendance from members and sponsors.
- Check other meeting schedules in the fall to avoid overlapping.

#### **Upcoming Meetings**

- Charlotte – Jahns Lecturer as speaker?

Rick discussed plans for the Jahns Lecturer to visit the Carolinas.

**CARSEN:** Rick – can you please send me lecturer schedule. Tour of the Carolinas?

Future meeting – Jan 29 at Ole Meck Brewery

## AEG Carolinas Chapter Board of Directors Meeting

### October 30, 2025

*By Carsen Adams, AEG Carolinas Chapter Secretary*

- Raleigh – Paul Weaver, AEG President, as speaker?

Paul: Mostly open throughout early April 2<sup>nd</sup>, 9<sup>th</sup>, and the 16<sup>th</sup>.

Paul is open the week of April 7<sup>th</sup>-10<sup>th</sup>; Thursday April 9<sup>th</sup> sounds like a good date to plan for.

Need to consider spring break timing for surrounding schools

Spring break at NCSU and UNC is in March.

Paul will give a talk about things he has learned throughout his 45-year career. Pros and cons etc.

Meredith (Vice Chair) and Colleen (Sponsorship Chair) will spearhead scheduling the April meeting. Tobacco road seems like a good option.

- Members of the board discussed marketing efforts for future AEG events, focusing on social media (LinkedIn) and timely email blasts.

#### Socials

- Wilmington NC social was a bust. Need more planning and announcements.

There was discussion about hosting a similar event in Wilmington, perhaps at the end of August considering UNCW schedule.

#### Carolinas Chapter Finances

Walt, Treasurer, gave an update on chapter finances.

- Just short of \$15,000 in the bank. Doesn't include Kau. Hovering around \$13,000 (~\$12,700), after paying Kau (Greensboro Dinner Meeting).
- Carolina's Scholarship – a little over 10k in the account. Awarded 3k this year. Do another 3k for this coming year to cover the scholarship.
- Keep 10k in the account going forward.
- Venues are becoming increasingly expensive, and attendance is lower.

#### Volunteer needs:

REACHING OUT TO SPONSORS TO RENEW!

All board members should be reaching out to sponsors.

## **AEG Carolinas Chapter Board of Directors Meeting**

### **October 30, 2025**

*By Carsen Adams, AEG Carolinas Chapter Secretary*

- Meredith, Vice Chair, suggested we host a joint social with another professional organization such as AIPG. Will help defray costs. Perhaps invite AIPG to the Jahns Lecturer series?
- The board discussed opportunities to reach out to sponsors for upcoming meetings.

There is a master spreadsheet with sponsors.

Send out email blast for sponsors to renew and new sponsors? If interested contact Colleen.

- Meredith brought up a good point; how do we market ourselves (AEG) to sponsors? Do other organizations offer something that we don't?

Offers great publicity to sponsors.

Ask how we can improve.

### **Upcoming Field Trip Plans**

AEG members are interested in Hurricane Helene damage.

Rick will connect Andrew with Phil Bradley.

Field trips are a great way to raise money; they are mostly income, very few expenses.

Possibly a coastal field trip. Field trips are mostly income.

All board members agreed to reimburse the field trip chair for recent expenses incurred; will limit reimbursements going forward.

### **GEONews**

The next issue of the AEG Carolinas Chapter GEONews Newsletter will be sent out in early January; spearheaded by the membership chair.

### **Social Media**

Discussed using LinkedIn more often. Every email blast that is sent to members should also be a LinkedIn post.

### **Visiting professionals**

Student Liaison, Michael Daniels, gave an update on several of the upcoming visiting professionals presentations that will take place at several universities.

November 13<sup>th</sup>; NCSU

SC Universities – need more contact info

**Meeting ended at 5:09 PM.**

## AEG Carolinas Chapter Board of Directors Meeting

### January 16, 2026

*By Carsen Adams, AEG Carolinas Chapter Secretary*

#### Call to Order

Invitees not in attendance: Walt and Adam

#### Upcoming Events

Planning is progressing for the Charlotte meeting on **January 29, 2026** at Olde Meck, sponsored by Terracon and Enviro-Equipment, and featuring the Jahns Lecturer. RSVPs currently stand at 11. Feedback suggests event timing may run late; a potential earlier start (e.g., 5:30 p.m.) will be considered. Outreach actions include posting on LinkedIn, sending a final reminder on January 22/23, and contacting nearby colleges such as Davidson. Additional Spring events include:

- **Clemson Hydrogeology Symposium (March 2026):** Jen plans to attend; corporate booth coordination will be routed through Paul.
- **Raleigh Meeting (April 9, 2026) with AIPG:** Discussion ongoing for Paul's presentation, tentatively titled "*The Long and Winding Road: One Geologist's 40 Year Career as a Practicing Geologist.*"
- **GWPNCS Spring Mini Conference:** Potential for joint events and enhanced social engagement.
- **AEG National Meeting (Sept 13–19, 2026, Chattanooga):** Laura plans to attend; the chapter will continue promoting student volunteer opportunities.

#### NC Environmental Conference (Oct 6–7, 2026, Winston-Salem).

#### Finances

Walt reported chapter finances with **\$634.93** in checking and **\$10,965.40** in savings. We will evaluate alternatives to PayPal for payment processing.

#### Sponsorship

Colleen is continuing outreach for 2026 sponsorships. Confirmed sponsors to date include:

- NCTCSS
- Enviro-Equipment Inc
- SGS
- Eastern Solutions
- Al King

## AEG Carolinas Chapter Board of Directors Meeting

### January 16, 2026

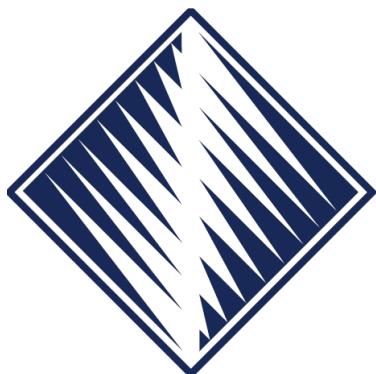
*By Carsen Adams, AEG Carolinas Chapter Secretary*

#### Field Trips

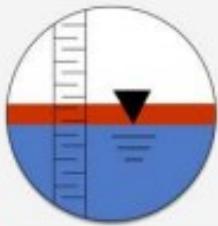
The Spring Field Course is set for **April 11, 2026**, led by Phil Bradley in the Troy/Uwharrie area. Planning is complete, and Carsen will distribute the announcement email in the coming weeks.

#### Communications

- **GEOnews:** All content is due to Katie by **January 18, 2026**.
- **Social Media:** Coordination with Adam continues, including posting for upcoming events.
- **Visiting Professionals:** Michael will continue organizing activities; has completed several successful visiting professional events over the past few months.



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## AEG Carolinas Welcomes 2026 Distinguished Jahns Lecturer

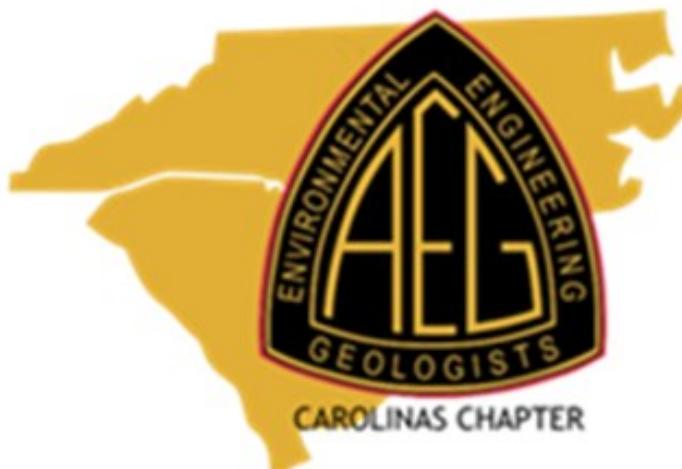
### Chris Stohr

By Michael Daniels

The AEG Carolinas Chapter is excited to host Chris Stohr as our 2026 Jahns Distinguished Lecturer during the week of January 26–30. Chris will be visiting multiple universities across South Carolina and North Carolina, delivering a series of engaging talks that cover both technical case studies and career-focused professional development.

His tour begins in Charleston at the College of Charleston on Monday, January 26, where he will present *“Navigating a Wide-Ranging Career in environmental and Engineering Geology.”* He will then travel to the University of South Carolina on Tuesday, January 27, presenting both *“A Short Collection of Case Studies from Around the World”* in the morning and his career-focused talk again in the afternoon, with time set aside to meet with students. On Wednesday, January 28, Chris will speak at Clemson University, combining both his career-path and international case study material into a single afternoon seminar. The tour continues on Thursday, January 29 at UNC Charlotte, where he will present *“Navigating a Wide-Ranging Career in Environmental and Engineering Geology,”* before attending our chapter meeting at Olde Mecklenburg Brewery & Biergarten and presenting: *“Retrospective of the Earthline Hazardous-Waste Landfill Failure, a Case Study of Legacy Landfills and Dumps and How to Reduce Leachate.”* The week concludes on Friday, January 30 at East Carolina University, where Chris will give a technical talk titled *“Protecting Groundwater Quality Through Improved Landfill Field Inspections and Records for Maintenance Using Freely-Available Imagery.”*

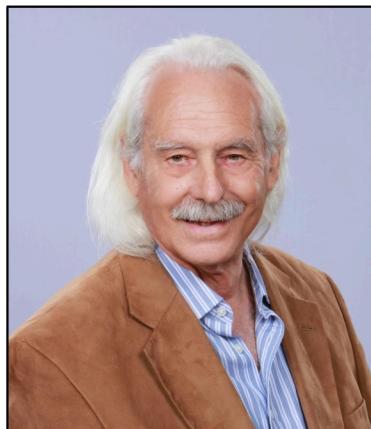
This multi-day, multi-campus tour represents a fantastic opportunity for students and professionals across the Carolinas to learn from Chris’s wide-ranging experience in environmental and engineering geology. Many thanks to all of the university hosts and chapter volunteers who helped make this schedule possible.



## Carolinas Chapter Dinner/Meeting in Charlotte

*The Carolinas Chapter of the  
Association of Environmental & Engineering Geologists presents*

Guest Speaker:



**Dr. Chris Stohr**  
2025-26 Distinguished Jahns Lecturer

### Retrospective of the Earthline Hazardous Waste Landfill Failure: A Case Study of Legacy Landfills and Dumps

Dinner and Talk: 5:30-9:00 PM  
Thursday, January 29, 2026  
Olde Mecklenburg Brewery; Charlotte, North Carolina

#### Meeting Details

**Place:** Olde Mecklenburg Brewery, 4150 Yancey Road, Charlotte, North Carolina  
**Date:** Thursday, January 29, 2026  
**Time:** 5:30 PM socializing begins, 7:00 buffet dinner, 8:00 Chris's talk  
**Cost:** AEG members \$40; non-members \$50; public-sector employees and teachers \$20.  
*Registration will be \$5 more at the door. AEG Student members free.*

**Reservations:** Please make reservations by 6:00 PM on Friday, January 23, 2026 at  
<http://aegcarolinas.org/news/>

**Students** - register by January 23 online for \$1 or for free by RSVP'ing meeting planner  
**Andrew Beaty** at [andrewbeaty3@gmail.com](mailto:andrewbeaty3@gmail.com)

**Meeting Drink Sponsors:** Terracon Consultants & Enviro-Equipment

**Continuing Education:** The NCBLG has preapproved AEG Carolinas to offer 1 CE credit for this presentation.

## 2026 Carolinas Chapter Winter Dinner Meeting in Charlotte:

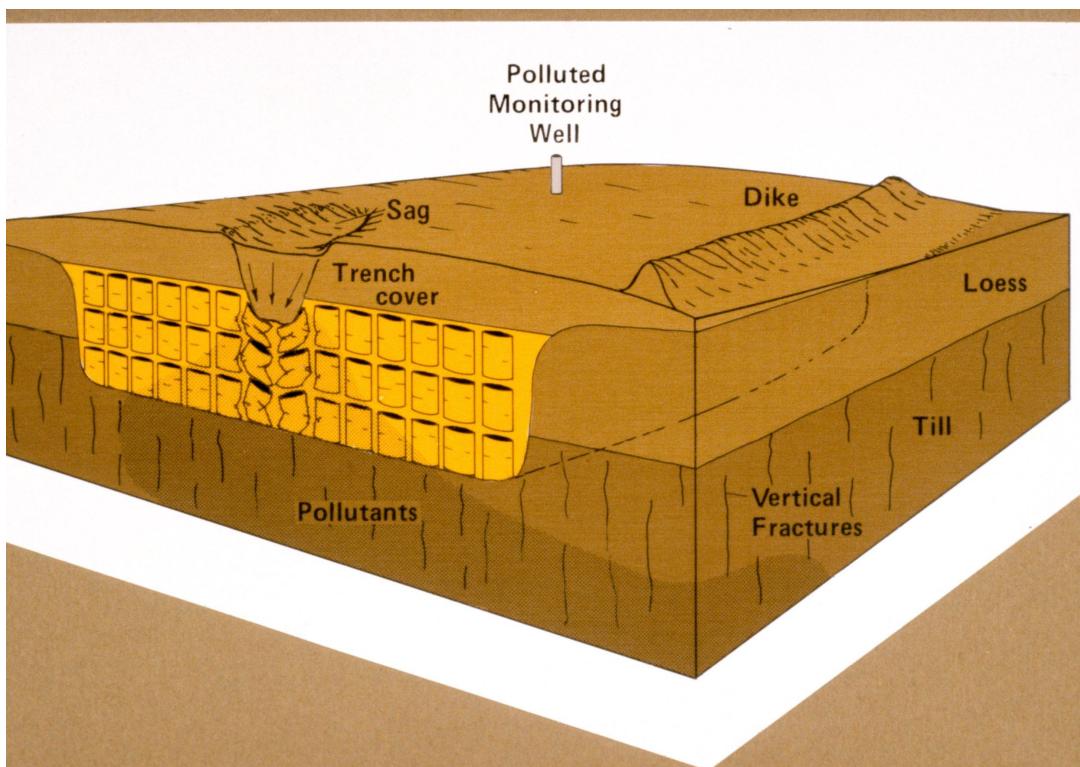
Retrospective of Earthline Hazardous-Waste Landfill Failure, a Case Study of Legacy Landfills and Dumps and How to Reduce Leachate

*Thursday, January 29, 2026*

### PRESENTATION SYNOPSIS

Subject of a landmark, legal-precedent setting trial, and unlined, hazardous-waste landfill was said by experts “not to leak in 100 years” however, contaminants were detected in monitoring wells 3 meters from the burial trenches only 3 years after closure. Field and lab tests, and remote sensing measurements showed causes for the “faster than predicted” contaminant migration from a hazardous waste landfill, but why? Numerous landfills are similarly constructed throughout the world

Legacy landfills are unlined, thinly-covered cemetaries of waste similarly constructed throughout the world. Most landfill inspections mostly rely upon institutional memory and traditional “walk over” traverses to identify flaws and deficiencies for written reports. These defects can be better identified and mapped by image processing of freely-available airborne lidar, historical black and white photography, and modern color infrared orthoimagery using GIS technology to direct low-cost, spot repairs for maintenance and custodial care to reduce undesired contamination from legacy waste structures.



## 2026 Carolinas Chapter Winter Dinner Meeting in Charlotte:

Retrospective of Earthline Hazardous-Waste Landfill Failure, a Case Study of Legacy Landfills and Dumps and How to Reduce Leachate

*Thursday, January 29, 2026*



## 2026 Carolinas Chapter Winter Dinner Meeting in Charlotte:

Retrospective of Earthline Hazardous-Waste Landfill Failure, a Case Study of Legacy Landfills and Dumps and How to Reduce Leachate

*Thursday, January 29, 2026*

### CHRIS' BIO

Chris Stohr continues professional and community work after more than 40 years of applied geology, research and humanitarian work in the midwestern USA, Africa, and South America. Obtaining a BS in Geology at Saint Joseph's College in Rensselaer, IN [minor in Philosophy/Theology] and MS in Engineering Geology at Purdue University developing applications for innovative digital image processing of remotely sensed imagery at the Laboratory for Applications of Remote Sensing. Chris began work at the Missouri Geology and Land Survey performing investigations for dams, sewage lagoons, hazardous and nuclear waste sites, dye tracing, dumps and landfills in the Ozarks and throughout that state; directed an inventory of 3,600 dams; and conducted a site selection study for hazardous waste disposal facilities in Missouri. He worked as part of a Shannon and Wilson team conducting special fault studies, reconnaissance mapping, trench mapping and paleomagnetic studies for nuclear power plant in central Iran using U.S. NRC procedures.

At the Illinois State Geological Survey, Prairie Research Institute, University of Illinois at Urbana-Champaign [ISGS] he participated in or led research on landslides, trench covers, groundwater, agronomic analysis of lake sediments, downhole geophysics, precision agriculture, remote sensing, coastal erosion, close range photogrammetry and terrestrial and aerial laser scanning, archeology, glacial geology, Height Modernization [geodetic surveying], and geologic sequestration of carbon dioxide.

ISGS investigations at the Earthline Industrial Chemical Waste Landfill identified failure mechanisms and the observed difference drainage characteristics of depressions in earthen covers of landfills using post-sunset thermal infrared imagery [ASPRS Autometric Award] which became the focus of a late-career PhD dissertation. Chris has investigated dumps and legacy landfills in Midwestern USA, Egypt, Malawi, and Patagonia, Argentina.

Dr. Stohr was a Fulbright Senior Specialist at Beni Suef University, Egypt and participated in and led international humanitarian development projects in Malawi, Africa. He is a Professional Geologist and Certified Engineering Geologist in Illinois and Oregon, and sits on the Illinois Board of Licensing for Professional Geologists. Chris served as thrice-elected member of the Champaign County Board, and twice appointed to serve on the Mahomet Aquifer Council, sits on the Illinois Professional Geologist licensing board, and is an active member of ASPRS, AEG, and GSA.

## The History of the Carolinas Chapter's Visiting Professional Program

By Michael Daniels and Rick Kolb

Back in 2007, enrollments in geology programs at universities were declining in North Carolina and demand for geologists in the booming economies of North and South Carolinas was increasing (sound familiar?). Rick Kolb, Section (now Chapter) Chair at the time, wondered why was this happening. Out of curiosity, Rick looked over the list of geology faculty at UNC-Chapel Hill and called the undergraduate advisor at that time, professor Dr. Drew Coleman, for his perspective. After this conversation, Rick and Drew met at a restaurant on Franklin Street to discuss the topic over, naturally, a few beers. Drew said he thought the main problem was that the parents didn't know about the many jobs in geology and the bright future for/shortage of geologists due to the soon-to-retire baby boomers. Commonly parents are one of the main influencers when their children consider a major. Drew said if the students knew directly of the many current opportunities and bright future prospects for employment, more of them might consider geology as a major.

As a result of this meeting and through additional conversations with Drew, Rick established our chapter's "Visiting Professionals" (VP) program, long before AEG launched this initiative nationally. For these presentations, Rick usually found practicing geologists that were more than happy to talk about their careers, and typically we find three presenters: an engineering geologist, an environmental geologist, and a geologist from the public sector (e.g., the North Carolina Geological Survey, NCDOT, and NCDEQ). The presenters talk about their careers, how they got their jobs, what they like and dislike about them, career paths and advancement, what courses to take, and the ASBOG exams. Since the program began, we have started our presentations in the late afternoon, after the labs are over (i.e., 4:00-4:30), and as an inducement to attend, bring multiple pizzas and soft drinks, paid for by the chapter thanks to the support of our chapter sponsors. After the presentations, we open the floor for questions from students and the presenters provide contact information to the students for future queries.

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## The History of the Carolinas Chapter's Visiting Professional Program

Our first VP presentation was at UNC Chapel Hill in the fall of 2007 with about 20 in attendance. Since then, we've made these presentations at Appalachian State, Clemson, East Carolina University, East Tennessee State University, Furman, North Carolina State, Radford, Virginia Tech, Wake Tech, Western Carolina University, and UNC Charlotte/Chapel Hill/Wilmington. The schools seem to prefer we make these presentations during the spring semester, as students start their quests for employment.



Rick organized these presentations for many years until he found a former presenter, engineering geologist Brad Worley, to lead the program. Brad led the program until we suspended it during Covid. However, when we were ready to resume the program post-Covid, Brad said he was too busy at work due to.... lack of staff. So Rick organized the visits in 2024, which were definitely needed after the hiatus. In search of a replacement for Brad, Michael Daniels of Falcon Engineering volunteered (thank you, Michael!!) to be the chapter's Student Liaison in 2025. Here is Michael's story.

## The History of the Carolinas Chapter's Visiting Professional Program

I was first introduced to the AEG Visiting Professionals Program as a student at Appalachian State University, when the previous Student Liaison, the esteemed Mr. Brad Worley, visited the department. During that visit, I had the opportunity to have lunch with him and began building a professional relationship that would prove pivotal in my career. My engagement with the Visiting Professionals Program ultimately led to my first full-time position at Summit Design and Engineering (Brad's former employer). That experience cemented my belief in the power of this program as a genuine bridge between education and meaningful, long-term careers in geosciences.

The core goal of the program is to provide mentorship and industry exposure. Visiting professionals engage with students sharing stories of their career paths, challenges, and lessons learned, so students can better understand the range of opportunities available to them. These interactions help demystify the profession. They provide guidance on internships, certifications, graduate school, and licensure. Through mentorship, visiting professionals provide students with a clearer picture of what skills and attitudes are most valuable in the field.



## The History of the Carolinas Chapter's Visiting Professional Program

Over the past few months, we have held career panels at North Carolina State University and Wake Tech Community College. We start 2026 with our first panel on January 23rd at Appalachian State University, with more to be planned in the coming weeks. Please reach out to if you would like to learn more information about the program and how you can be involved. We have found that alumni enjoy going back to present at their alma mater and meet up with the faculty they know well. We urge you to consider giving something back to the school where you were once a student. Please contact me at [mdaniels@falconengineering.com](mailto:mdaniels@falconengineering.com) if you're interested in being a presenter this spring.



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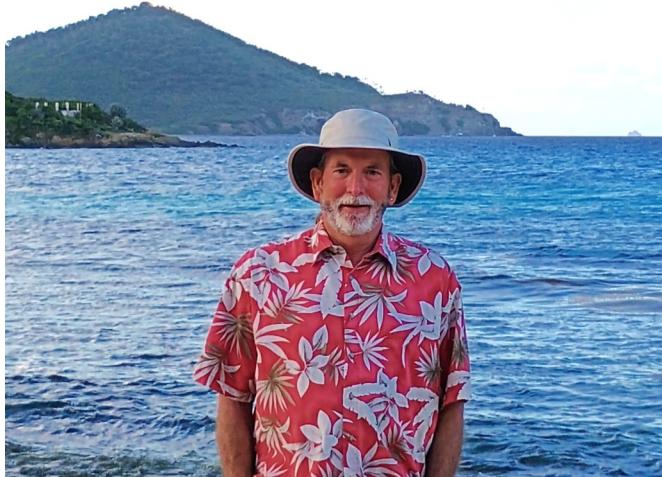


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## Carolinas Chapter Member Paul Weaver Named AEG President

By Katie Adkisson



The AEG Carolinas Chapter is proud to celebrate a remarkable achievement by one of our own. Paul Weaver, PG, has been named President of the Association of Environmental & Engineering Geologists (AEG) for the 2025–2026 term, a distinction that reflects decades of professional excellence and dedicated service to AEG at every level.

Paul recently retired from ESP Associates, Inc. in 2024, where he served as Senior Transportation

Geotechnical Project Manager, leading all North Carolina transportation geotechnical work. His more than 40-year career in geology and geotechnical engineering spans an impressive range of roles, including concrete and soil technician, laboratory manager, quarry geologist and quality control manager, in-house specialist for subgrade and base stone chemical stabilization with the North Carolina Department of Transportation, drilling department manager, and geotechnical engineering department manager. He earned his geology degree from the University of North Carolina at Wilmington in 1981 and is a licensed geologist in North Carolina.

Paul's impact on AEG is equally extensive. He has been actively involved in the organization for over 25 years, including serving as Chair of the Carolinas Chapter for more than four years, Southeast Region Director, and Co-Chair of the 2019 AEG Annual Meeting held in Asheville. He has also served as Co-Chair of the AEG Meetings Advisory Committee and currently continues his commitment as Chair of the AEG Carolinas Scholarship Committee, Advisor to the Carolinas Chapter, and Treasurer for the upcoming 2026 AEG Annual Meeting in Chattanooga, Tennessee.

## Carolinas Chapter Member Paul Weaver Named AEG President

As AEG President, Paul brings a deep understanding of the profession, a passion for mentorship, and a long-standing dedication to member engagement. His election is a testament not only to his leadership and service, but also to the strength and contributions of the Carolinas Chapter within the national organization.

Paul lives in Greensboro, North Carolina, and when he's not supporting the geoscience community, he enjoys creating handcrafted wood furniture and decorative pieces, including tables, benches, and wine racks.

Please join us in congratulating Paul Weaver, PG, on this well-deserved honor.



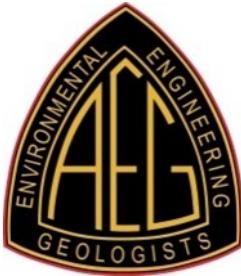
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## Spring Dinner Meeting

*Joint Meeting of the Carolinas Chapter of the  
Association of Environmental & Engineering Geologists and Carolinas Section of  
American Institute of Professional Geologist*

*Guest Speaker:*



**Paul Weaver, P.G.**

**2025-2026 AEG President**

## PRESENTATION

**“The Long and Winding Road: One Geologist’s 40-year Career as a Practicing Geologist”**

## Spring Dinner Meeting

*Joint Meeting of the Carolinas Chapter of the  
Association of Environmental & Engineering Geologists and Carolinas Section of  
American Institute of Professional Geologist*

### MEETING DETAILS

**Place:** Gravy (Jiddi Space), 137 Wilmington Street, Raleigh, NC 27601

**Date:** Thursday, April 9, 2026

**Time:** 6:00 PM socializing begins, 7:00 buffet dinner, 8:00 Paul's presentation

**Cost:** AEG members \$40, non-members \$50, students **free** with college ID

**Reservations:** Please make reservations with Meredith Ambrose by 6:00 PM on Wednesday, April 1<sup>st</sup> on the AEG Carolinas website: [www.aegcarolinas.org/news](http://www.aegcarolinas.org/news). Students can make reservations on the website for \$1 or (for free) by sending an email to Meredith at [mparnold11@gmail.com](mailto:mparnold11@gmail.com).

### Presentation Synopsis

This presentation will focus on stories, highlights, and “lessons learned” from the career of a recently retired licensed/professional geologist. Over the course of his career, Paul worked in both the public and private sectors, in environmental and engineering geology, and on a great diversity of project types. With many years of experience comes many tales such what it was like doing the job before computers and cell phones, what do you do when your field geologist finds a dead body, when your field person shows up drunk to a job site, or when you’re on an offshore oil rig and you drill through a major gas pocket. It is hoped that attendees ranging from students to late career may benefit from the insights passed on through this presentation.

## ASSOCIATION OF ENVIRONMENTAL & ENGINEERING GEOLOGISTS

### Carolinas Chapter

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## Field Course to Explore the Uwharrie Volcanics of the Albemarle Volcanic Island Arc in Troy, North Carolina

**Saturday, April 11, 2026 - 10:00 AM to ~3:00 PM**

### Field Course Leader:

**Phil Bradley, PG - Senior Piedmont Geologist for the NC Geological Survey**

**Event:** Explore the Uwharrie Volcanics of the Albemarle Volcanic Island Arc in Troy, NC.

**Details:** Geological hike along a portion of the Uwharrie Trail on Dark Mountain. We will walk over rocks associated with the Uwharrie Volcanics of the Albemarle volcanic island arc, look at rock textures along the way while discussing new geologic mapping results of the NC Geological Survey. Bring your own lunch for a stop while on the trail – bring your own backpack with water. The hike is of moderate difficulty and approximately 3 miles round-trip. Hiking boots are strongly recommended.

**Location:** Near the unincorporated town of Ophir in the Uwharrie National Forest. Meet at Jumping Off Rock/Dark Mountain Trailhead parking area. [Jumping Off Rock Trailhead](#)

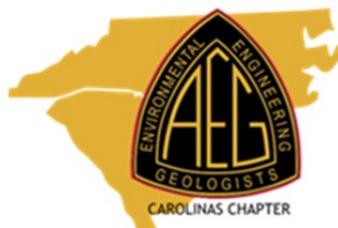
2015 A Flint HI Rd, Troy, NC 27371

**Cost:** \$15 for AEG members and teacher members; \$25 for non-members; free for student members of AEG

**Registration:** Register online at [www.aegcarolinas.org/news](http://www.aegcarolinas.org/news). **Reservation deadline: 5:00 PM, Wednesday, April 8, 2026**

**Field Trip Waiver:** Please sign/date and return field trip waiver to Andrew Beaty at andrewbeaty3@gmail.com by April 8th or bring it with you to the field trip.

**Continuing Education Credits:** 4 hours for North and South Carolina geology boards



## **Field Course to Explore the Uwharrie Volcanics of the Albemarle Volcanic Island Arc in Troy, North Carolina**

### ***Background:***

The NC Geological Survey, partially funded by the USGS STATEMAP program, has been conducting geologic mapping activities and compilation work in the Chapel Hill and Southern Pines 100Ks for the last several years. In June 2025, the Piedmont program of the NCGS completed field work and produced a preliminary map of the northern half of the Southern Pines 100K. The field course is located in the northern portion of the Southern Pines 100K map. The mapping included compilation of multiple legacy data sources and new data collection at 100K-scale in an area equivalent to approximately eight 24K quadrangles. The main goal of the new data collection was to collect bedrock structural data (including systematic collection of bedrock fracture data to assist with groundwater resource evaluation and groundwater contaminant transport modeling), refine geologic contacts from previous reconnaissance level mapping and to edge-match with adjacent detailed mapping. There were significant edge-match issues with existing mapping that were resolved as part of the 100K compilation. The Piedmont program also worked toward finalizing the Henderson and Chapel Hill 100K maps to open file status. These maps were released at the end of 2025 and can be downloaded from the NCGS website.

As part of mapping activities, bedrock samples were collected for U-Pb age date analysis. Four bedrock samples from the northern half of the Southern Pines 100K were collected (2 for crystallization age and 2 for detrital zircon dating). In late 2025, 4 additional bedrock samples were collected from the southern half of the Southern Pines and Laurinburg 100Ks for age date analysis with the results expected in Spring 2026.

Past and new age dates coupled with the new mapping have significantly contributed to the understanding of the Carolina terrane in the Southern Pines and adjacent 100Ks and led to significant revisions to the area stratigraphy. The main outcomes of the new mapping and age dates is a better understanding of the nature of the Uwharrie Formation and its relationship to other units within the Carolina terrane. Tentatively, the Uwharrie Formation is being elevated to Group status with the reassigning of rocks of the Uwharrie Formation to the Uwharrie Volcanics and the establishment of a new major geologic unit - the Seagrove formation. The previously existing and new age data indicate that volcanism and sedimentation of the Uwharrie Volcanics and Seagrove formation spanned from ca. 560 Ma to ca. 523 Ma and was contemporaneous with the deposition of units in the Albemarle Group (i.e. Tillery and Cid Formations).

## Field Course to Explore the Uwharrie Volcanics of the Albemarle Volcanic Island Arc in Troy, North Carolina

### ***Field Trip Description:***

Geological hike along a portion of the Uwharrie Trail on Dark Mountain. We will walk over rocks associated with the Uwharrie Volcanics of the Albemarle volcanic island arc, look at rock textures along the way while discussing new geologic mapping results of the NC Geological Survey. Lunch while on the trail – bring your own backpack with water. The hike is of moderate difficulty and approximately 3 miles round-trip. Hiking boots are strongly recommended.

### **Links:**

Dark Mountain info:

<https://trlt.org/public-access-at-the-peak-of-dark-mountain/>



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Pennsylvania – Brett McLaurin, P.G.  
[702-379-6275](tel:702-379-6275)

[mclaurinbt@subhorizonresources.com](mailto:mclaurinbt@subhorizonresources.com)

## AEG/GWPNC December Social

The joint social hosted by the AEG Carolinas Chapter and the Groundwater Professionals of North Carolina (GWPNC) was held on December 4, 2025, at Lynwood Grill & Brewing Concern in Raleigh. The event was well attended and created a great setting for catching up with colleagues and meeting new faces.

GWPNC socials originally grew out of interest from local contractors who were looking for more chances to connect outside of the regular chapter meeting schedule. Over time, these evolved into casual brewpub socials. While attendance has varied in recent years, especially since COVID, this joint social with AEG and GWPNC was a strong reminder of how successful these events can be.

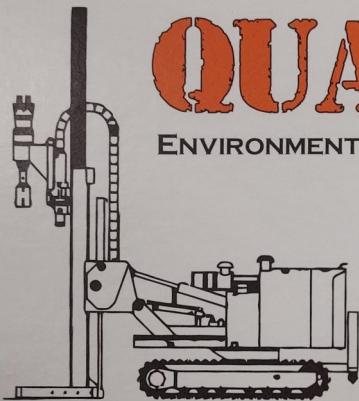
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## AEG/GWPNC December Social



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## 2026 Membership Renewal

### Did your membership expire?

If you did not renew before 12/31/2025, your membership status has lapsed. You cannot log into the AEG website anywhere except in the membership forms. You can still renew by visiting the membership join/renew page and following the instructions.

Please contact AEG Headquarters ([contact@aegweb.org](mailto:contact@aegweb.org)) if you have questions or need assistance. You are always welcome to call Member Services to renew over the phone at (727) 940-2658 x 2004.

**Natalia Besswanger**  
SE Account Manager



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## CALENDAR OF EVENTS—2026

### *Geological Events in the Carolinas*

Courtesy of AEG Carolinas Chapter—[www.aegcarolinas.org](http://www.aegcarolinas.org). Last updated January 18, 2026

Send updates/corrections to Rick Kolb, [rick.kolb1@gmail.com](mailto:rick.kolb1@gmail.com)

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

#### **Date: Monday, January 26, 2026**

Event: Jahns Lecturer Chris Stohr's presentation at the College of Geology & Environmental Geosciences of the College of Charleston

Location: Room 138 of the Rita Liddy Hollings Science Center at 58 Coming Street in Charleston

Presentation: 12:00-2:00 PM - Navigating a Wide-ranging Career in Environmental and Engineering Geology

#### **Date: Tuesday, January 27, 2026**

Event: Jahns Lecturer Chris Stohr's presentation at the School of the Earth, Ocean and Environment at the University of South Carolina

Location: Room 322 of Brackett Hall, 321 Calhoun Drive in Columbia

Presentations: 10:05-11:20 AM - A Short Collection of Case studies From Around the World *and* 4:00-5:00 PM – Navigating a Wide-ranging Career in Environmental and Engineering Geology

#### **Date: Wednesday, January 28, 2026**

Event: Jahns Lecturer Chris Stohr's presentation at the School of Environmental Engineering and Earth Sciences at Clemson University

Location: Room 322 of Brackett Hall at 321 Calhoun Drive in Clemson

Presentations: 4:40-5:40 PM – Combined Presentations: A Short Collection of Case Studies from Around the World *and* Navigating a Wide-ranging Career in Environmental and Engineering Geology

#### **Date: Thursday January 29, 2026**

Event: Jahns Lecturer Chris Stohr's presentation at the Department of Earth, Environmental and Geographical Sciences at the University of North Carolina at Charlotte

Location: Room 116 of the McEniry Hall at 9215 University City Boulevard in Charlotte

Presentation: 1:00-2:15 PM – Navigating a Wide-ranging Career in Environmental and Engineering Geology

#### **Date: Thursday, January 29, 2026**

Event: AEG Carolinas Winter Chapter Meeting

Location: The Hornet's Nest at Olde Mecklenburg Brewery, 4150 Yancey Road in Charlotte

Cost: \$40 for AEG and ASCE members, \$50 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: Retrospective of the Earthline Hazardous Waste Landfill Failure: A Case Study of Legacy Landfills and Dumps

Speaker: 2025-26 Jahns Lecturer Dr. Chris Stohr

Register: <https://aegcarolinas.org/aeg-carolinas-dinner-meeting-in-charlotte-jan-29-2026/>

#### **Date: Friday January 30, 2026**

Event: Jahns Lecturer Chris Stohr's presentation at the Department of Geological Sciences at East Carolina University

Location: Room 106 of the Graham Hall at 531 Wright Circle in Greenville

Presentation: 4:00-5:00 PM – Protecting Groundwater Quality Through Improved Landfill Field Inspections and Records for Maintenance Using Freely-Available Imagery

#### **Date: March 8-11, 2026**

Event: Geological Society of America Triple Joint 75<sup>th</sup> Southeastern/60<sup>th</sup> North-Central/60<sup>th</sup> South-Central Annual Section Meeting

Location: Renasant Convention Center; 255 N. Main St.; Memphis, Tennessee

Details: <https://www.geosociety.org/GSA/GSA/Sections/se/2026mtg/home.aspx>

#### **Date: March 19 and 20, 2026**

Event: ASBOG FG and PG Exams

Location: The Prometric Testing Centers in North and South Carolina

Contact: [www.ncblg.org](http://www.ncblg.org) and <https://llr.sc.gov/geo/>

## CALENDAR OF EVENTS—2026

### *Geological Events in the Carolinas*

Courtesy of AEG Carolinas Chapter—[www.aegcarolinas.org](http://www.aegcarolinas.org). Last updated January 18, 2026

Send updates/corrections to Rick Kolb, [rick.kolb1@gmail.com](mailto:rick.kolb1@gmail.com)

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

#### **Date: Thursday, April 2, 2026**

Event: David N. Snipes/Clemson Hydrogeology Symposium

Location: Madren Conference Center at Clemson University

Field trips: April 1 and 3 – Geologic Transect from Clemson to Sassafras Mountain, South Carolina

Details: <https://www.clemson.edu/cecas/departments/eees/symposium/index.html>

#### **Date: Thursday, April 9, 2026**

Event: AEG Carolinas Spring Chapter joint meeting with the Carolinas Section of the American Institute of Professional Geologists (AIPG)

Location: We're trying a new venue! Gravy (Jiddi Space), 127 South Wilmington Street in Raleigh

Cost: \$40 for AEG and ASCE members, \$50 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: The Long and Winding Road: One Geologist's 40-year Career as a Practicing Geologist

Speaker: 2025-26 AEG President Paul Weaver

Register: At [www.aegcarolinas.org](http://www.aegcarolinas.org)

#### **Date: Saturday, April 11, 2026**

Event: Geologic hike on Dark Mountain in the Uwharrie National Forest

Location: Near Troy in the Uwharrie National Forest. Meet for coffee and doughnuts at the Jumping Off Rock/Dark Mountain Trailhead parking area at 9:45 AM. The hike starts at 10:15. <https://maps.app.goo.gl/CvoL9ftwZfz9YaJe6>

Cost: \$15 for AEG Members and Teacher Members, \$25 for non-members, free for AEG Student Members

Details: Geological hike along a portion of the Uwharrie Trail on Dark Mountain, led by Phil Bradley of the NC Geological Survey. We will walk over rocks associated with the Uwharrie Volcanics of the Albemarle volcanic island arc, look at rock textures along the way while discussing new geologic mapping results of the NCGS. Lunch while on the trail – bring your own in a backpack with water. The hike is of moderate difficulty and approximately 3 miles round-trip. Hiking boots are strongly recommended.

CE credits: 4 hours

Registration: At [www.aegcarolinas.org](http://www.aegcarolinas.org)

#### **Date: April 28-29, 2026**

Event: 2026 Emerging Contaminants in the Environment Conference (ECEC 26)

Location: I Hotel and Conference Center; Champaign, Illinois

Details: <https://publish.illinois.edu/emerging-contaminants-conference/>

#### **Date: June 8-10, 2026**

Event: 2026 National PFAS Conference

Location: I Hotel and Conference Center; Champaign, Illinois

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

## CALENDAR OF EVENTS—2026

### *Geological Events in the Carolinas*

Courtesy of AEG Carolinas Chapter—[www.aegcarolinas.org](http://www.aegcarolinas.org). Last updated January 18, 2026

Send updates/corrections to Rick Kolb, [rick.kolb1@gmail.com](mailto:rick.kolb1@gmail.com)

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

**Date: September 11, 2026**

Event: Groundwater Professionals of North Carolina Annual Golf Tournament

Location: Greensboro

Details: TBA

**Date: September 13-19, 2026**

Event: AEG 69<sup>th</sup> Annual Meeting: Rivers, Rails, Roads & Rocks

Location: Westin Chattanooga; 801 Pine Street; Chattanooga, Tennessee

Details: <https://www.aegannualmeeting.org/future-aeg-meetings>

**Date: October 1 and 2, 2026**

Event: ASBOG FG and PG Exams

Location: The Prometric Testing Centers in North and South Carolina

Contact: [www.ncblg.org](http://www.ncblg.org) and <https://llr.sc.gov/geo/>

**Date: October 6 and 7, 2026**

Event: First Annual North Carolina Environmental Conference

Location: Benton Convention Center; 301 W. Fifth Street; Winston-Salem, North Carolina

Details: <https://northcarolinaen.org/mission>



## SAVE THE DATE

September 13-19, 2026 | Westin Chattanooga

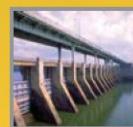
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Tennessee River dinner cruise on the Southern Belle Riverboat. The highlight will be locking through Chickamauga Dam.

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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.

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 business to your company. 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.

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](http://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.

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 two meetings. Cost of meeting waived for one person on the exhibit dates.

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](http://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 dates.

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](http://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 two 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:

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Half Page	\$ 100.00
Full Page	\$ 200.00

Please complete the form below and mail it to Rick Kolb, AEG Carolinas Sponsorship Chair. Please email Rick 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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Gold Chapter Sponsorship, \$400/year

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