

GeoNews

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

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

WINTER 2022



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SAVE THE DATES

NC Winter Meeting
Olde Mecklenburg Brewery & Biergarten
Charlotte, NC
January 26, 2023

AEG 66th Annual Meeting
**"Hazards in Hindsight...
Lessons for the Future"**
Portland, Oregon
September 19-24, 2023

GEONEWS WINTER 2022**Issue Date: December 21, 2022****TABLE OF CONTENTS****Articles and Reports**

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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

AEG Carolinas Chapter**Current Officers and Contacts**

Chair	Jennifer B. Thomas, P.G. jen@jennnteccllc.com
Vice Chair	Jonathan Gerst, P.G. igerst@peakhydrogeologic.com
Treasurer	Walt Plekan, P.G. Walt.plekan@aecom.com
Secretary	Laura Elliott, P.G. laura.rob.elliott@gmail.com
Membership Chair	Meredith Ambrose, G.I.T. mparnold11@gmail.com
Student Liaison	Brad Worley, P.G. Brad.worley@summitde.net
Social Media Chair	Adam Phillips aphillips@erisinfo.com
Social Committee Chair	Adam Phillips aphillips@erisinfo.com
Field Trip Chair	Rick Kolb, P.G. Rick.kolb1@gmail.com
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Past Chair	Jacob Hundl, P.G. Jacob.hundl@colliersengineering.com
Regional Director	Bruce Rogers, P.G. appgeoky@gmail.com
AEG Carolinas Chapter Website	www.aegcarolinas.org
AEG National Website	www.aegweb.org

Cover: August 17, 2021 debris flow that initiated during Tropical Storm Fred in Crusco, NC area of Haywood County. Left Photo taken by Jennifer Bauer, Co-owner of Appalachian Landslide Consultants and AEG Past President. Note the superelevation scour the debris flow made in the center of the photo as it went around the bend. For a more in-depth look at debris flow superelevations, check out ALC's blog post "Impressive (and frightening!) debris flow superelevations in the Virginia Blue Ridge" at <https://appalachianlandslide.com/>. Right photo taken by Stephen Fuemmeler, Co-owner of Appalachian Landslide Consultants. Looking upslope to the initiation zone of the debris flow near the top of the ridge. ALC Past President and ALC Co-owner Jennifer Bauer in the foreground for scale. Note the scour on the left lateral side of the debris flow track above Jennifer's head.

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Message From the Chair

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

Message from the Chair

After the holiday hustle and bustle we're starting a fresh new year. January typically brings a quieter phase with a seasonal drop in workload. Some of us have romantic Valentines Day plans with our spouses or sweethearts. Some are ignoring the whole business. Others might be single and planning to go out with their friends, maybe dressed in black (or is it just me that did that before I was married).

Winter in the Carolinas can be glorious with frequent sunny days and mild temperatures that make field work more pleasant and encourage outdoor recreation. However, the weather can get cold and gray. By the end of January, we're ready to eat, drink, and socialize again. Fortunately, AEG Carolinas is having a meeting on January 26 at Olde Mecklenburg Brewery. Nate Saraceno, AEG President, will be speaking about landslides in Appalachia.

The Carolinas Chapter means South Carolina too. That's why we're planning a meeting for March in Greenville, SC. More information will be forthcoming after the January meeting.



Jennifer B. Thomas, P.G.

704-491-7724
jen@jennteccllc.com
www.jennteccllc.com

P.O. Box 16443
Asheville, NC 28816

A handwritten signature in black ink, appearing to read "JB Thomas".

Jennifer B. Thomas,
PG
Carolinas Chapter
Chair



Matt Gillis
SE Regional Account
Manager



mattg@buckeye-elm.com
919-280-7175

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Mocksville, NC 27028

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Columbus, Ohio 43230

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AEG Carolinas Chapter Updated 4Q 2022 Treasurer's Report

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



AEG Carolinas Section Treasurer's Report October 1, 2022 through December 31, 2022

BALANCE As Of October 1, 2022

Checking Account	\$ 2,417.58
Savings Account	\$ 15,619.85
	\$18,037.43

INCOME

Chapter Dues	\$0.00
--------------	--------

Meetings

March Meeting	\$31.05
March Hike	\$385.20
April Meeting	\$676.33
May Field Trip	\$518.84
September Meeting	\$971.25
November Meeting	\$182.81

Misc

Interest

Interest from savings	\$2.97
-----------------------	--------

SUBTOTAL - INCOME	\$2,768.45
--------------------------	-------------------

EXPENSES

Fees	\$0.00
------	--------

Meeting Expenses

September Meeting	\$1,171.88
November Meeting	\$1,973.33
January Meeting Deposit	\$500.00

Additional Expenses

Board Meeting	\$143.25
---------------	----------


SUBTOTAL - EXPENSES	\$3,788.46
----------------------------	-------------------

BALANCE As Of December 31, 2022

Checking Account	\$ 1,394.60
Savings Account	\$ 15,622.82
TOTAL	\$17,017.42

AEG Carolinas Chapter Updated 4Q 2022 Treasurer's Report (cont.)

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



3053 Nationwide Pkwy

Brunswick- OH- 44212

Phone: 330-578-4900
Manager@aegweb.org

Chapter Financial Report: FY 2022

Chapter: Carolinas

Balance on Jan 1, 2022:

\$ 23,680.57

Balance on Dec 31, 2022:

\$ 17,017.42

Chapter Officers:

Chair:

Jennifer Thomas

email:

jen@jenntecllc.com

ViceChair:

Jonathon Gerst

email:

jgerst@peakhydrogeologic.com

Treasurer:

Walt Plekan

email:

walt.plekan@aecom.com

Secretary:

Laura Elliott

email:

laura.rob.elliott@gmail.com

CHAPTER REVENUE

	First Quarter Jan-Mar	Second Quarter Apr-Jun	Third Quarter Jul-Sept	Fourth Quarter Oct-Dec	YTD Total
Chapter Dues			\$ 1,725.00		\$ 1,725.00
Subscriptions					\$ -
Meetings	\$ 1,355.00	\$ 225.00		\$ 2,765.48	\$ 4,345.48
Short Courses					\$ -
Field Trips	\$ 220.00				\$ 220.00
Publications and Other Sales					\$ -
Bank/Investment Interest	\$ 0.50	\$ 0.46	\$ 0.39	\$ 2.97	\$ 4.32
Contributions/Gifts/Sponsorships		\$ 3,529.20			\$ 3,529.20
Advertising: Web & Newsletter					\$ -
Other Income	\$ 1.00				\$ 1.00
Accounts Receivable					\$ -
Unaccounted					\$ -
TOTAL INCOME	\$ 1,576.50	\$ 3,754.66	\$ 1,725.39	\$ 2,768.45	\$ 9,825.00

CHAPTER EXPENSES

Meetings	\$ 1,586.13	\$ 2,361.56	\$ 1,070.00	\$ 3,645.21	\$ 8,662.90
Short Courses					\$ -
Field Trips		\$ 494.94	\$ 227.36		\$ 722.30
Publications					\$ -
Advertising					\$ -
Printing, Postage					\$ -
Student Support		\$ 3,500.00	\$ 2,380.99		\$ 5,880.99
Merchandise Purchases					\$ -
BOD Meetings				\$ 143.25	\$ 143.25
Banking Fees	\$ 67.73	\$ 5.20			\$ 72.93
Website/E-Communication	\$ 257.67	\$ 46.00			\$ 303.67
Lobbying/Political Outreach					\$ -
Other Expenses:	\$ 500.00	\$ 202.11			\$ 702.11
Unaccounted					\$ -
TOTAL EXPENSES	\$ 2,411.53	\$ 6,609.81	\$ 3,678.35	\$ 3,788.46	\$ 16,488.15

Quarterly Surplus (Deficit)

\$ (835.03)

\$ (2,855.15)

\$ (1,952.96)

\$ (1,020.01)

\$ (6,663.15)

FY Balance

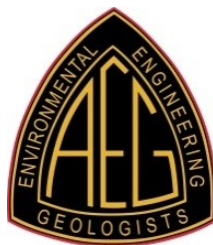
\$ 22,845.54

\$ 19,990.39

\$ 18,037.43

\$ 17,017.42

\$ 17,017.42



Winter Dinner Meeting

*The Carolinas Chapter of the
Association of Environmental & Engineering Geologists
Presents Guest Speaker:*



**Nate Saraceno, P.G.
AEG President and
Landslides Program Manager at DiGioia Gray & Associates
Monroeville, Pennsylvania**

PRESENTATION:

LANDSLIDE RECONNAISSANCE & MITIGATION IN APPALACHIA

MEETING DETAILS

- Place:** Olde Mecklenburg Brewery; 4150 Yancey Road in Charlotte
- Date:** Thursday, January 26, 2023
- Time:** 5:30 PM socializing begins, 7:00 buffet dinner, 8:00 Nate's presentation
- Cost:** AEG members \$35, non-members \$45, educators and public-sector employees \$20, students **free** with college ID. *Cost will be \$5 more at the door.*
- Reservations:** Please make reservations with Jen Thomas by 6:00 PM on Monday, January 23 - email: jen@jenntecllc.com | Pre-pay on the News & Events page of our chapter's website -- www.aegcarolinas.org. Students need only to email Jen.
- CEU's:** The NCBLG has pre-approved our chapter meetings for 1 hour of CE.

NATE'S ABSTRACT

The Appalachian region can be generally characterized by steep slopes, relatively shallow surficial soils, and tendency for high-intensity rain events. Because of these factors, it is one of the most naturally landslide-prone areas and has one of the highest incidences of landslides in the United States. In addition, over 25 million people call this region home. Besides the obvious threat to safety, landslides pose a threat to the infrastructure that supports the populations of this and surrounding regions, such as electrical transmission lines that often traverse some of the most remote, steep, and landslide-prone terrain throughout the region. Nate's talk will walk through the phased approach he used for landslide projects at remote locations within West Virginia, Kentucky, and surrounding states, from the initial collection of data and observations through the construction of engineered mitigation.

NATE'S BIO

Mr. Saraceno is an accomplished Professional Geologist and was recently promoted to Landslides Program Manager with DiGioia Gray & Associates. He has 14 years of experience in environmental and engineering geology. Nate is involved in many aspects of geologic and geotechnical engineering projects, including site characterization, foundation design and construction, soil/rock slope risk assessments, and landslide mitigation. He specializes in project management and construction oversight for projects related to foundation construction, ground improvement, mine subsidence, and slope stabilization. Nate also serves as his company's Power Delivery Market Coordinator for the Eastern United States.

CCI Environmental Services is a family-owned and operated full-service environmental and industrial services contractor located in Fayetteville and Thomasville, NC, providing services for clients across many sectors throughout the Southeast and beyond since 1989. CCI is a licensed general contractor and a mold, lead, and/or asbestos removal contractor in many states and is classified as a small business under numerous NAICS codes.

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- Carbon injection services



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ASBOG® Exams Convert to Computer-Based Testing..... *by Rick Kolb*

The National Association of State Boards of Geology (ASBOG®) is currently converting paper and pencil examinations for the Fundamentals of Geology (FG) and Practice of Geology (PG) examinations to computer-based testing (CBT) exams beginning with the March 2023 administration. The inaugural CBT administration will be during the spring administration on March 17, 2023. A major advantage to switching to CBT is that ASBOG® is allowing candidates to sign up for the FG and/or PG during two different testing windows. Both the FG and PG exams will be offered in the 8:00am to 12pm and the 1:00 pm to 5:00pm time slots. You can take the exams at any of 575 testing facilities throughout the contiguous United States, Puerto Rico, and Hawaii.

There are currently 21 locations available in North Carolina and nine in South Carolina. Visit www.asbog.org/cbt/index.html for further information and the list of locations where you can take the examinations. In order to take the March 17, 2023 exams, candidates for the exam in North Carolina must have a completed application on file with the NC Board for Licensing of Geologists. Your file must be complete by January 1, 2023 in order to ensure that your application can be approved by the Board at their January 2023 meeting. Deadline to order the March 17, 2023 examination is January 31, 2023.



Geologic Exploration is a full service environmental drilling contractor, specializing in monitoring and recovery wells. We also perform rock coring, packer testing, well abandonment, and other environmental services.

Carolina Board Meeting Minutes 1-19-2023 4:30pm — Conference Call***By Laura Elliot—Carolinas Chapter Secretary***

**AEG CAROLINAS CHAPTER
BOARD OF DIRECTORS MEETING MINUTES
January 19, 4:30 TO 5:40 PM**

Jen Thomas called the meeting to order at 4:30 PM.

Roll Call - In attendance were Chair Jen Thomas, Treasurer Walt Plekan, Membership Chair and Newsletter Co-Editor Meredith Ambrose, Newsletter Co-Editor Colleen Ranieri, Sponsorship Chair Jared Wilke, AEG Secretary Paul Weaver, and Field Trip Chair Rick Kolb.

Walt Plekan summarized the current balances of our bank accounts:

\$ 2,394.60	Checking
\$14,633.82	Savings
<u>\$ 2,264.62</u>	PP
\$19,282.04	Total

Walt said we began 2022 with \$23,000 in our accounts and ended the year with \$17,000. The main reason for this decline was the absence of paid sponsors for 2022.

Paul spoke of the requirement that we provide a financial presentation at a chapter meeting at least once a year. We publish a Treasurer's report in each newsletter, and we decided to have hard copies of the report available at our next meeting in Charlotte.

GEONews – Colleen and Meredith

The Winter edition is nearly complete. Colleen has been in the field a lot, so it did not go out by the December 21 deadline shown in the newsletter and she plans to send it out next weekend. Meredith stated she prepared the fall edition and Colleen the winter edition, and now that each of them have put together an edition, they expect to be able to meet the published dates in the future (March 21, June 21, September 21, and December 21).

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Sponsor Update - Jared and Walt

- i) Who's signed up? Who's paid – Jared said CCI, Buckeye Elm, Environ Equipment, and Geologic Exploration have renewed their sponsorships.
- ii) Do we need recruitment efforts? Jared said he will follow up on the 50+ emails he sent to potential sponsors in December.
- iii) Jen spoke with Chris Schappell at MW Drilling, CCI, Environ Equipment, and Pine about re-upping sponsorship when she saw them at the EnviroWorkshop in Charlotte on January 17th. They were all interested. Some of the chapter sponsor sheets at the AEG table in Charlotte were taken.

Upcoming Meetings

January 26 in Charlotte - Nate Saraceno will present and will also make school presentations at East Tennessee State University, the University of South Carolina, Furman University, Clemson University, and UNC Charlotte (Western Carolina cancelled plans for a presentation there during our board meeting). Jen will bring the sound system and supplies to the meeting to pass along to Rick for the April meeting, which Jonathan may need in Greenville. Jen has to take kids home from school so she won't arrive until 6:30. Rick will handle meeting check-in and will bring receipts/name tags/pens, etc. Paul noted all people needing CE must have our meeting receipt; a Paypal receipt will not count if audited. Rick says he will take 60 receipts. The venue has a ppt projector and screen. We'll need only a laptop.

March in Greenville - Jonathan will coordinate this meeting. He has several venue ideas. No one suggested a speaker, but Rick recommended the topic be environmental based on our past experience trying to set up a meeting in Greenville

April 6 in Raleigh – Coastal geologist Stan Riggs will speak on a controversial topic, probably on the patio at Clouds Brewing, as we did last year. We'll need the speaker/microphone and a screen for this venue. Rick will set up this meeting and has yet to reserve the patio for that date.

October in Greensboro – Jahns Lecturer Vince Cronin will be the speaker. Rick has spoken to Vince, who said he's wide open for October. Paul will set up this meeting.

Southeast regional meeting – Regional Director Bruce Rogers has stated in the past his desire for a regional meeting to get people from the Carolinas, Nashville, and Atlanta chapters together (subsequent to our board meeting, Rick sent Bruce Rogers an email asking about this topic). Paul noted Chattanooga has been discussed as the location for AEG's 2026 annual meeting.

Geology Licensure under attack in South Carolina – Jonathan is following. Rick asked AEG Vice President Sarah Kalika for the name of the chair of AEG's Licensure Committee to ask for assistance, but Sarah replied the chair position is vacant and the committee hasn't met since last summer. Sarah reported that the LC has prepared example letters for use in contacting state legislators and sent them to Jonathan. Sarah is available for advice since they have gone through this several times in California. Sarah also forwarded documents used by AEG chapters in Texas and Arizona when registration of geologists was threatened. Sarah said registered geologists in South Carolina should be sending these letters.

(Continued on Page 12)

(Continued from Page 11)

Jahns Lecturer – Vince Cronin will visit the Carolinas in October. Vince said he many requests for March and April. Brad Worley will set up his visits in coordination with Paul, who is setting up the chapter meeting that month in Greensboro.

Field Trips - Rick

Phil Bradley, who in the past has done field trips for us in the Triangle area, is not available due to some health issues with a family member. He told Rick he will do a field trip in the future in the Greensboro area. (side note - Rick will contact other possible field trip leaders for a spring trip).

HQ Initiatives from Chapter Support

DEI ideas: Outreach to minorities, colleges, K-12, geoscience groups.

Some chapters are adding virtual component to meetings so immune-compromised and far away members can attend. Maybe we should send a survey and gauge interest, see if that's desired. Jen will set up her laptop for the Charlotte meeting and try putting Nate's talk on Teams, with Jonathan logging in to see how it looks.

Social Activities, Communications and Social Media– Adam unable to attend. He had told Rick he was planning a brewpub social for February 8 in Raleigh.

Non-agenda topics

Rick says ASBOG Council of Examiners will meet in April for a semi-annual workshop in Greenville, South Carolina. Rick attended the COE meeting in Wilmington in October and recommended all PGs consider participating in a COE workshop. An all-day field trip is part of the workshop. Plenty of CE for a workshop.

Since Laura and her child are sick, she could not attend the meeting. Rick will prepare a draft of the minutes and send them to Jen.

Rick brought up joint publicizing events with the Ground Water Professionals of North Carolina. Typically they advertise our events/meetings. GWPNC no longer holds meetings and now focus on training and social events. Rick suggested we show their logo at the top of our meeting announcements and attendees agreed.

CALENDAR OF EVENTS—2022

Geological Events in the Carolinas

Courtesy of AEG Carolinas Chapter—www.aegcarolinas.org. Last updated December 31, 2022

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: January 26, 2023

Event: AEG President Nate Saraceno presents to students at the **University of North Carolina at Charlotte**

Location: Room 401 in McNery Hall, Department of Geography and Earth Sciences

Cost: Free.

Details: 1:00-2:15 PM with pizza from AEG

Registration: None required

Date: Thursday, January 26, 2023

Event: AEG Carolinas Chapter Meeting

Location: Olde Mecklenburg Brewery and Biergarten, 4150 Yancey Road, Charlotte, NC

Cost: \$35 for AEG members, \$45 for non-members, \$20 for public-sector employees and teachers;

free for students w/ ID.

Details: 5:30-7:00 socializing, 7:00-8:00 buffet dinner; 8:00-9:00 speaker. **Registration will be \$5 more at the door.**

Presentation: AEG President Nate Saraceno will present “Landslide Reconnaissance & Mitigation in Appalachia”

Registration: Go to www.aegcarolinas.org

Date: Thursday, February 2, 2023 (chapter meets the first Thursday of each month)

Event: Engineers Without Borders chapter meeting

Research Triangle Park Professional Chapter

Time: 12:00 noon

Location: Zoom meeting

Details/Registration: register via:

meetup.com/EWB-USA-RTP-Chapter/events/cbwwcsydcbbjb/

Date: Friday, March 17, 2023

Event: ASBOG FG and PG Exams— **deadline to apply to take the exams is January 1, 2023**

Location: Now at the 21 Prometric Testing Centers across North Carolina

Contact: www.ncblg.org

Date: March 17-19, 2023

Event: 2023 Joint meeting of Southeastern and Northeastern sections of GSA

Location: Hyatt Regency Reston; 1800 Presidents Street, Reston, Virginia

Details: <https://www.geosociety.org/GSA/Events/SectionMeetings/GSA/Sections/se/2023mtg/home.aspx>

Date: April 12-14, 2023

Event: 2023 Annual Technical Forum on Geohazards Impacting Transportation in Appalachia—Conference is April 12 & 13; field trip is April 14

Location: James Madison University Festival Commerce Center; Harrisonburg, Virginia

Details: <https://www.jmu.edu/geology/cegga/forum.shtml>

Date: April, 2023 (date TBD)

Event: AEG Carolinas Chapter Meeting

Location: TBD

Cost: \$35 for AEG members, \$45 for non-members, \$20 for public-sector employees and teachers;

free for students w/ ID.

Details: 5:30-7:00 socializing, 7:00-8:00 buffet dinner; 8:00-9:00 speaker. **Registration will be \$5 more at the door.**

Presentation: Tentatively, coastal geologist Stan Riggs, emeritus professor of geology at ECU

(Continued on Page 11)

CALENDAR OF EVENTS—2022 (cont.)

Geological Events in the Carolinas

Courtesy of AEG Carolinas Chapter—www.aegcarolinas.org. Last updated December 31, 2022

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

(Continued from Page 10)

Date: May 15-19, 2023

Event: Life of Mine: Maintaining Sustainability Through Geoscience— The Role of Geoscience in Mine Site Regulation, Running, Rehabilitation, Re-purposing, Retirement, and Reclamation

Location: Virtual

Details: www.minessymposium.org

Date: June 25-28, 2023

Event: 57th U.S. Rock Mechanics/Geomechanics Symposium

Location: Westin Peachtree Plaza; Atlanta, Georgia

Details: <https://atlanta2023.armarocks.org>

Date: September 19-24, 2023

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

Location: Portland Marriott Downtown Waterfront; Portland, Oregon

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

Registration: Available soon at www.aegweb.org

Date: October 15-18, 2023

Event: Geological Society of American Annual Meeting

Location: Pittsburgh, Pennsylvania

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



Pictures taken by Rick Kolb at the AEG Carolinas Chapter Dinner Meeting at Natty Greene's in Greensboro, North Carolina on November 10, 2022.

Presentation by Edward (Ned) Billington, P.G., Senior Geophysical Manager at ESP Associates: “Geophysical Methods for Bedrock Characterization”.



MEMBERSHIP APPLICATION



Association of Environmental & Engineering Geologists

AEG is geology in practice.

The benefits of AEG membership are many, but the simplest answer is that membership in AEG can enhance your technical and business knowledge, provide career opportunities, and introduce you to thousands of other professionals all while having fun in the process! Visit www.AEGweb.org to see all of the great benefits we have to offer our members.

1. CHOOSE MEMBERSHIP

FULL MEMBER

☐ Full Member Dues - \$140*

Applicants for Member Class shall 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 geosciences. In addition, the applicant shall be practicing in the field of Engineering Geology, Environmental Geology, or Hydrogeology.

AFFILIATE

☐ Affiliate Dues - \$100*

Applicants for Affiliate Member Class shall be scientists or engineers who work with engineering geologists, or persons interested in environmental and engineering geology.

TEACHER

☐ Teacher Dues - \$35*

Applicants for Teacher Member Class shall be engaged in full-time teaching at the Primary, Secondary or Post-Secondary level in the area of Earth Science education or a related subject.

ORGANIZATIONAL AFFILIATE

☐ Org. Affiliate Dues - \$80*

Applicants for Organizational Member Class shall be engaged as members of similar geological science organizations but do not wish to become Full members of the Association.

INTERNATIONAL

☐ Int'l Member Dues - \$35*

Applicants shall hold the same requirements as Full Member Class. International Members receive (online digital access ONLY) to the *E&G Journal*, Annual Directory, Annual Meeting Program with Abstracts and the *AEG News*.

If you are a current student and interested in membership, please visit www.AEGweb.org to sign up online or download the Student Membership application to complete and mail in.

* All paying memberships listed above require applicants to pay Section dues in addition to the applicable membership fee. Please visit www.AEGweb.org to view the entire list of sections and instructions on how to choose the section located within your zip/postal code.

I am joining Section _____
Section Dues \$ _____

If you are not sure on the Section you should join, please contact us at (844) 331-7867 and we will be glad to assist you.

Send your completed form with payment to the:

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2. CONTACT INFORMATION (please print legibly)

Individual Name _____

Company Name _____

Mailing Address _____

City _____ State/Province _____

ZIP+4 _____ Country _____

Phone () _____

Fax () _____

E-mail _____

Website _____

3. ADDITIONAL INFORMATION (complete as applicable to the membership you are seeking)

Institution/University (Current or Attended) _____

Anticipated Graduation Year or Graduation Year _____

Highest Program Degree Seeking or Received _____

Major _____ Focus _____

Are you a registered Geologist or Engineer? Yes _____ No _____

4. PERMISSIONS

I give permission to AEG to publish in print and online, including in Annual Directory as follows:

Publish the following:

☐ Website ☐ Name ☐ Company Name ☐ Address ☐ E-mail ☐ Do Not Publish

I give permission for contact by e-mail from the following*:

- ☐ From AEG only
☐ From AEG-sponsored events (e.g., AEG Annual Meeting, Shlemon Conferences)
☐ From third party organizations with industry-related interests
☐ Do not want e-mail communication (do not list my email in my member record)

* If you have agreed to email communications from AEG, please add the following email domains to your e-mail "safe list" now: AEGweb.org. This will help to ensure that you receive all communications from AEG (i.e., contact@AEGweb.org and all individual staff communications whose emails contain their name and end with @AEGweb.org).

5. PAYMENT

☐ Check (Make check payable to AEG) Total Enclosed \$ _____

To join/renew and pay by credit card, please visit www.AEGweb.org and Join or Sign In (located in the upper right corner). AEG currently accepts the following credit cards: American Express, Discover, MasterCard and Visa. AEG is unable to accept credit cards by phone, fax, e-mail or mail.

If you do not remember your Username or Password, use the **Forgot Your Password?** link on the AEG website by entering the e-mail address associated with your member record. Please contact the AEG office at (844) 331-7867 if you have any questions or have trouble signing in.

(Signature)

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

6. SEND YOUR COMPLETED FORM WITH PAYMENT TO THE ADDRESS ABOVE.

To join online, please visit www.AEGweb.org.

AEG memberships are based on the calendar year. Applications received after October 1 will be entered for the following calendar year.

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

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Recd	Ck#	Amt \$	ACKD





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.

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 yoursite.

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 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 yoursite.

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 yoursite.

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
Quarter Page	\$ 60.00
Half Page	\$ 100.00
Full Page	\$ 200.00

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:

- _____ Titanium Chapter Sponsorship, \$650/year
 _____ Platinum Chapter Sponsorship, \$550/year
 _____ Gold Chapter Sponsorship, \$400/year
 _____ Silver Chapter Sponsorship, \$275/year
 _____ GeoNews Newsletter Sponsor Only (see above)

Name: _____

Address: _____

City, State, Zip: _____

Phone: _____ Fax: _____

Contact Person: _____

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Date of Payment: _____

Something about your company (use back of page for more room) _____

Please enclose a business card or email ad in .jpg, .pdf, or .doc to Wike.jared@ gmail.com

SPONSOR ONLINE AT WWW.AEGCAROLINAS.ORG or MAKE CHECK OUT TO AEG CAROLINAS

Snail mail form and payment to:

Jared Wike, AEG Carolinas Sponsorship Chair, c/o Hart & Hickman
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**** Sponsors will be listed on the AEG Carolinas Chapter Facebook Page! ****

Thank You Sponsors!

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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