



# Atlanta Geological Society Newsletter

President's Message

September 2007

*AGS Meeting,  
September 26 at  
Fernbank Museum of  
Natural History  
Social begins at 6:30 PM*

## (Interim) President's Message

By: Nils W. Thompson, P.G., CPG

Our thanks to **Mark Cocker** for not only an interesting and informative presentation at the last meeting, but also for serving our Society as its elected President this year. As you know, Mark has moved on to work for the USGS in Arizona (*lucky him*). What you probably didn't know is that **Allison Keefer**, Vice-President, asked that I step in to fill the President's role for the remainder of the year (*lucky me*). Obviously, I said "yes" and I look forward to again serving the Members of our truly great Society. I've also been asked to present on the "Hydrogeology of Alternate Aquifers in Coastal Georgia" during our September meeting. Please note that the September meeting has been rescheduled for Wednesday, September 26<sup>th</sup> instead of the (almost) routine last Tuesday of the month. I look forward to seeing you at the meeting.

I'd also like to give my sincerest thanks to **John Mann** for doing a wonderful job over the past few years as Editor of the AGS Newsletter (a very difficult position that I held in the late '90s) and for serving as a mainstay of the Executive Committee. As you know, based on new workload and scheduling issues, John has asked to step down as Editor and this will serve as his final issue. However, John has informed me that he hopes to continue to participate and contribute to the Society. Once again, thank you John for being there for us

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The September 2007 Meeting is sponsored by **Pine Environmental Services, Inc.**, the leading supplier of environmental monitoring equipment, environmental sampling supplies and safety supplies. For rental and other equipment needs contact Keith Shepherd at 800-842-1088 or 770-925-2855. You can also contact Keith by email at [kshepherd@pine-environmental.com](mailto:kshepherd@pine-environmental.com)

Website address is <http://www.pine-environmental.com/>

President's Message (*continued from page 1*)

AGS members should also express their thanks to **Jack Wintle**. For many years, Jack has been the AGS primary contact with our many sponsors. With Jack's encouragement, these sponsors have not only provided the refreshments at meetings but made substantial contributions to the earth science education grants. Jack is retiring from his AGS duties but still found time to line up sponsors for the rest of the year. Many thanks, Jack for the many years of support for AGS and local educators.

With all of the thanks out of the way, I'd like to make an official shout-out to those AGS committee chairs that we haven't seen for quite a while. I know that many of you continue to contribute to our Society, but many of our Members don't even know what you look like or how your names should be pronounced. Therefore, I'd like the absentee committee chairs to know that it's O.K. to attend the meetings. I'll be happy to re-introduce you to the Society and, perhaps, someone or two may even volunteer to help with your committee and take some of the burden off your shoulders. What do you say? Is it a date? (*Please don't turn me down; I don't handle rejection very well.*) Good, then I'll see all of the committee chairs at the September 26<sup>th</sup> meeting. Thank you in advance for your participation. (*See, I snuck in another thank you.*)

*Nils*

**OPPORTUNITY IS KNOCKING! Georgia State Geology Club invites AGS members to present at club meetings. Please contact Ms. Eliza Andrews at [eandrews3@student.gsu.edu](mailto:eandrews3@student.gsu.edu)**

### UPCOMING FIELD TRIPS AND MEETINGS

1) GEORGIA GEOLOGICAL SOCIETY (GGS) FIELD TRIP "Tectonics of the Georgia Blue Ridge: Basement / Cover Architecture, Characteristics of Drift and Clastic Wedge Facies, and Accretionary Terranes" October 12-14, 2007 Headquarters: Holiday Inn Express, Canton registration form from the GGS web site at [www.westga.edu/~ggsweb](http://www.westga.edu/~ggsweb)

Contact: Dr. Randy Kath, Department of Geosciences University of West Georgia, Carrollton, GA 30118

tel: (678) 839-4063 fax: (678) 839-4071  
[rkath@comcast.net](mailto:rkath@comcast.net) or [rkath@westga.edu](mailto:rkath@westga.edu)

2) Alabama Geological Society will be running its Fall 2007 field trip around the Auburn, Alabama area. The ice breaker is slated for Thursday night November 29th, and the field trip will occur on November 30th and December 1st. The focus will be economic and environmental geology.

**SEPTEMBER PRESENTATION***HYDROGEOLOGY OF ALTERNATE AQUIFERS IN COASTAL GEORGIA*by **Nils W. Thompson**, P.G., CPG**ABSTRACT**

Mr. Thompson will discuss the implications of groundwater withdrawal in the Coastal Georgia area and the relationship to future groundwater supply issues. Overpumping of the Upper Floridan aquifer has lowered the potentiometric surface and resulted in saltwater intrusion in the Savannah and Brunswick areas. Consequently, the Georgia Environmental Protection Agency has restricted further development in parts of Coastal Georgia. Alternate aquifers (*e.g.*, surficial, Brunswick, Gordon, Lower Floridan, and Cretaceous) and their respective characteristics will be discussed.

*Biographical Sketch:*

Nils Thompson is a Professional Geologist registered in 13 states including Georgia, and is a Certified Professional Geologist through the American Institute of Professional Geologists. Nils received his B.S. degree in Geoscience from The Pennsylvania State University in 1983 and his M.S. degree in Geology from Fort Hays State University in 1988. He has over 20 years of experience working for environmental and engineering consulting firms in New York and Pennsylvania and moved to the Atlanta area in 1994. Nils has been with MACTEC Engineering and Consulting, Inc. since 2002 and serves as a Principal Geologist and Project Manager. He has managed many diversified geologic and hydrogeologic projects throughout his career and currently leads MACTEC's groundwater resources initiative. Nils has recently accepted the AGS role of Interim President for the remainder of 2007. He has previously served the Society as *Newsletter* Editor from March 1997 through January 1999, Secretary in 2000 and 2001, and President in 2004 and 2005.

**Fernbank Museum of Natural History**  
**Upcoming Public Programs and Events**  
 (All programs require reservations, including free programs).

**On Exhibit:**

Special exhibition [\*Frogs: A Chorus of Colors\*](#)  
 (opens September 19)

Photography exhibition [\*Nature's Jewels: Butterflies and Other Insects\*](#)

**Fernbank Museum of Natural History**

767 Clifton Rd, NE Atlanta, GA 404-929-6300

visit our website at [www.fernbank.edu/museum](http://www.fernbank.edu/museum)

Or sign up for our broadcast email at

[http://www.fernbank.edu/museum/e\\_news.html](http://www.fernbank.edu/museum/e_news.html)

Oct 3	<i>In My World</i> —Dinosaur Explorer
Oct 6	<i>Rainforest Rendezvous: A Timeless Affair 2007</i>
Oct 9	Special Film Screening and Discussion— <i>A Beautiful Mind</i>
Oct 9	Private Tour of <i>Frogs: A Chorus of Colors</i> for Museum members
Oct 10	<i>In My World</i> —Nocturnal Animals
Oct 13	Fernbank Forest Family Walk—Water Detectives
Oct 16	Artemis Fall Social
Oct 17	<i>In My World</i> —Nocturnal Animals
Oct 20	Storytelling
Oct 20	<i>Bugs, Bats and Bones Day</i>
Oct 23	<i>Dinosaurs Underground and Other Burrowing Reptiles</i> lecture
Oct 24	<i>In My World</i> —Nocturnal Animals
Oct 31	<i>In My World</i> —Nocturnal Animals

**IMAX [\*Coral Reef Adventure\*](#) & [\*The Alps: Giants of Nature Everest\*](#) in the IMAX® Theatre on Fridays during **Martinis & IMAX®****

Martinis & IMAX® is presented every Friday, January through November; from 5:30 p.m. to 10 p.m. Enjoy no cover charge when you visit us between 5:30 p.m. to 6:30 p.m.

Martinis & IMAX® includes a wine bar, where featured wines can be purchased by the glass and by the bottle. Dinner is also served in the Dining Room, where smaller parties can order chef-prepared dishes—from gourmet pizzas to prime entrées—and dine together in a more intimate and sophisticated setting. Desserts and coffee are available as well.

As always, a full cash bar is offered in the Great Hall where patrons can enjoy a lively atmosphere and musical performances by some of Atlanta's best jazz artists. Bands perform live from 6:30 p.m. to 10 p.m.

IMAX® film tickets are \$10. For those who wish to enjoy the atmosphere of Martinis & IMAX® without attending a film presentation, there is a \$5 cover charge after 6:30 p.m. The cover charge is waived for members and patrons who purchase an IMAX® ticket. To purchase tickets in advance, call 404.929.6400.

## AGS Treasurer Report – September 13, 2007

Membership Dues Payment Status:

	<b>Professional</b>	<b>Student</b>	<b>Corporate</b>	<b>Complimentary</b>
2005	27	4	8	20
2006	52	5	2	
2007	79	10	1	0
<b>TOTAL</b>	<b>136</b>	<b>15</b>	<b>11</b>	<b>20</b>

Finances:

- **Account Balance as of September 13, 2007 - \$3,647.82**

### DUES ANNOUNCEMENT FROM THE TREASURER

Those members that last paid in 2005, will dropped from the mailing list in October 2007.  
If you know of a member that no longer is receiving the newsletter, have them contact the Treasurer.

## AGS Officers

**Interim President:**

Nils Thompson

[NWTHOMPSON@mactec.com](mailto:NWTHOMPSON@mactec.com)

Phone

**Vice-president:** Allison Keefer[allison\\_keefer@dnr.state.ga.us](mailto:allison_keefer@dnr.state.ga.us)

Phone (404) 675-1679

**Secretary:** Jim Kennedy[jim\\_kennedy@dnr.state.ga.us](mailto:jim_kennedy@dnr.state.ga.us)

Phone (770) 421-3402

**Treasurer:** Ken Bechely

Phone (770) 990-1415

[ken.bechely@earthtech.com](mailto:ken.bechely@earthtech.com)

## AGS Committees

**Career Development:** Ken Simonton[ken\\_simonton@dnr.state.ga.us](mailto:ken_simonton@dnr.state.ga.us)**Career Networking:** Todd Roach

Phone (770) 242-9040, Fax (770) 242-8388

[tdr@piedmontdrilling.com](mailto:tdr@piedmontdrilling.com)**Continuing Education:** Nils Thompson

Phone (770) 421-3309

[nwthompson@mactec.com](mailto:nwthompson@mactec.com)**Fernbank Liaison:** Chris Bean

Phone (404) 929-6313

[chris.bean@fernbank.edu](mailto:chris.bean@fernbank.edu)**Field Trips:** David Wilderman

Phone (770) 431-8666, Ext. 238

[dwilderman@arcadis-us.com](mailto:dwilderman@arcadis-us.com)**Geology & Public Policy:** LT Gregg

Phone 770-476-3555

[ltgregg@gore.net](mailto:ltgregg@gore.net)**Grants & Scholarships:** Bill Waggener

Phone (770) 478-5734

[wgwaggenerii@bellsouth.net](mailto:wgwaggenerii@bellsouth.net)**Hospitality:**

David Sanders

Phone (770) 990-1446

[david.sanders@earthech.com](mailto:david.sanders@earthech.com)**Newsletter Editor:** John Mann[stjmann@bellsouth.net](mailto:stjmann@bellsouth.net)**Web Mistress:** Delyn Thompson

Phone (770) 421-3538

[dmthompson@mactec.com](mailto:dmthompson@mactec.com)

## Join the Atlanta Geological Society

### Membership Application/Update Form

Annual membership dues for the Atlanta Geological Society are \$25 for professional membership, \$10 for students, and \$100 for corporate sponsorship (which includes up to 4 professional memberships). For further details, contact the AGS Treasurer:

Ken Bechely

Phone: 770-990-1415

Email: [ken.bechely@earthtech.com](mailto:ken.bechely@earthtech.com)

Make checks payable to the "Atlanta Geological Society" and remit with the completed form to:

Atlanta Geological Society

Ken Bechely, Treasurer

1455 Old Alabama Rd., Ste. 170

Roswell, GA 30076

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
Mailing Address: \_\_\_\_\_

\_\_\_\_\_  
Phone: \_\_\_\_\_(W) \_\_\_\_\_(H)

Fax: \_\_\_\_\_

Email 1: \_\_\_\_\_