AIPG GEORGIA SECTION

Ron Wallace, President
Eric Lowe, Vice President
Susan Kite, Treasurer
Kristen Tracy – West Georgia student chapter
Matthew Simone – Georgia State student chapter
Hays Slaughter – Columbus State student chapter
Kelsey Luke – University of Georgia student chapter
Ian Wynn – Georgia Southwestern State student chapter
Jeremiah Funke – University of North Georgia student chapter
Jessica Ware – Georgia Southern student chapter

September 2021

NEXT MEETING

9th Conference on: Innovative Environmental Assessment and Remediation Technology

When: Tuesday-Wednesday, October 5-6, 2021
Where: Kennesaw State University, Continuing Education
3333 Busbee Drive, GA 30144
Go to the web site at: http://georgiaaipg.weebly.com/

PRESIDENT’S MESSAGE

It has been three years since our last conference and we hope everyone will want to attend to hear our speakers, visit our exhibitors and see friendly faces. The schedule is attached and you can see that we are starting later in the morning. In past conferences the building opens at 7:00 AM and the exhibitors try to set up while attendees are showing up at the same time to register and get something to eat and drink. This year we decided to start a little later to give time for the exhibitors to set up and be ready before the attendees arrive. Also, ones that need to drive across town can sleep a little longer and arrive later in the morning. There is still time to register. Go to our web site: http://georgiaaipg.weebly.com/. We still have some openings for morning and afternoon break sponsors.

Also, in this newsletter there is an invitation to our student members to write an article to be published in “The Professional Geologist”. You can submit almost anything you have an interest. Suggestions include your research, field camp, department field trips, or vacations.

This will be my last newsletter to the membership. My first one was February 2002 when I took over as president and now this is my 105th. Cal Johnson has volunteered to take over as president but I will still be around to help out and still hope I can do some talks at our student chapters. The main reason we have our conferences is to raise money for scholarships and support for our chapters. To date we have awarded a total of $32,500.00 to our Georgia students and another $10,350.00 given to the chapters to attend conferences or their own field trips or department functions. We visited many active remediation sites, landfills, and mines. We had a total of 18 drilling demonstrations all across the state and I want to thank Jim Fineis, former owner of Atlas Geo-Sampling Company for 14 of those wells. I also want to thank Eric Lowe, Susan Kite and Glen Faulkner for their time as officers of our section. I wish you all the very best!
Invitation to Submit an Article for 
*The Professional Geologist (TPG)* 
Student Edition - November 1st submittal deadline
AIPG Quarterly Publication

As the AIPG National Editor, I’m writing to ask you to consider submitting an article for publication in *The Professional Geologist*. We are in need of articles or other submittals to get in the pipeline for the upcoming issues to ensure we continue to have content.

The next edition of *The Professional Geologist* that we are accepting articles for is the Student Edition (Jan/Feb/Mar 2022). We want articles from students, faculty and members alike. Students, you can write an article about research you are conducting, your educational experiences during the Covid pandemic, an opinion piece, or field camp to name only a few options. Faculty members can write a technical article for peer-review, a piece on their perspective of geoscience education, or other relevant topics. Members, you can submit technical articles in your area of practice, a piece on your career experiences, or advice to students about to enter the workforce.

Don’t be shy about submitting an article for publication if you’ve never done so in the past. This is an opportunity for you to see your name in print. Check out the back page of the Oct/Nov/Dec edition of *The Professional Geologist*; you will see that submitting an article for publication is on the “bucket list” for AIPG members!

Information on article requirements may be found at: [https://aipg.org/page/TPGArticleSubmittal](https://aipg.org/page/TPGArticleSubmittal), but here are some points to keep in mind:

- please submit the article in MS Word format
- submit any graphics (figures, tables, photos, etc.) as a minimum 300 dpi image – do not imbed them into the document
- Please verify that you have permission to publish it if the graphic is not your own
- Please indicate if you are submitting the article for peer-review
- Please include a statement that the article has not been submitted to other journals for publication

The deadlines for the 2022 editions of *TPG* are as follows; however, please note that depending on how many articles are received ahead of yours, your article may or may not appear in the next edition of *The Professional Geologist*.

<table>
<thead>
<tr>
<th>Issue Submission</th>
<th>Submittal Deadline</th>
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<tbody>
<tr>
<td>January/February/March</td>
<td>November 1st</td>
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<td>April/May/June</td>
<td>February 1st</td>
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<tr>
<td>July/August/September</td>
<td>May 1st</td>
</tr>
<tr>
<td>October/November/December</td>
<td>August 1st</td>
</tr>
</tbody>
</table>
Please forward this email to anyone you think may be interested in submitting an article. Feel free to contact me if you have any questions; I’d be happy to discuss article possibilities with you. Thanks!

Adam W. Heft, CPG
2021-22 AIPG National Editor
Phone: 517-886-7400
Email: adam.heft@wsp.com

To contact Eric Lowe: ericlowel23@gmail.com
To contact Ron Wallace: rw30075@yahoo.com
# American Institute of Professional Geologists (AIPG) Georgia Section
## Ninth Conference On: "Innovative Environmental Assessment and Remediation Technology", October 5-6, 2021
### Kennesaw State University, Continuing Education, Kennesaw, Georgia 30144

### October 5 - Morning Session

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
<th>Company/Contact Information</th>
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<tbody>
<tr>
<td>8:45 AM - 9:30 AM</td>
<td>Breakfast sponsored by Total Vapor Solutions</td>
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<td></td>
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<tr>
<td>9:30 AM - 9:40 AM</td>
<td>Registration and Continental Breakfast</td>
<td>Welcome and Opening Remarks: Ron Wallace, PG</td>
<td></td>
</tr>
<tr>
<td>9:40 AM - 10:10 AM</td>
<td>1  Enhanced Surfactant Flushing for Rapid NAPL Removal using SURFAC and EFR</td>
<td>David M. Goodrich, PG EcoVac Services, Inc. President</td>
<td>356 Nottingham Dr, Suite 100, Marietta, GA 30066 <a href="mailto:dave.goodrich@ecovacservices.com">dave.goodrich@ecovacservices.com</a> 770-592-1001; <a href="http://www.ecovacservices.com">www.ecovacservices.com</a></td>
</tr>
<tr>
<td>10:10 AM - 10:40 AM</td>
<td>2  A Practical Guide to the New Georgia Vapor Intrusion Guidance</td>
<td>Jim Fineis, PG Total Vapor Solutions President</td>
<td>120 Nottaway Lane, Alpharetta, GA 30009 <a href="mailto:jim@totalvaporsolutions.com">jim@totalvaporsolutions.com</a> 770-883-3372; 770-456-5064 (fax)</td>
</tr>
<tr>
<td>10:40 AM - 11:00 AM</td>
<td>Break sponsored by Betts Environmental</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00 AM - 11:30 AM</td>
<td>3  Hydrogeologic Investigation of a Spring for a Potential Bottle Water</td>
<td>Dawit Yifru, Ph.D., P.G. &amp; Martha Carr Geosyntec Consultants Senior Geologist</td>
<td>1255 Roberts Blvd. Suite 200, Kennesaw, GA 30144 <a href="mailto:dyifru@geosyntec.com">dyifru@geosyntec.com</a> &amp; <a href="mailto:mcarr@geosyntec.com">mcarr@geosyntec.com</a> 678-202-9569, (cell) 770-371-6027</td>
</tr>
<tr>
<td>11:30 AM - 12:00 PM</td>
<td>4  Increasing LNAPL Remedial Efficiencies in Porous Media</td>
<td>Raj Mahadevaiah, PE, CGWP Environmental International Corporation President</td>
<td>161 Kimball Bridge Road, Suite 100, Alpharetta, GA 30009, USA <a href="mailto:rajmahadevaiah@eicusa.com">rajmahadevaiah@eicusa.com</a> 770-772-7100 ext 223, (cell) 770-843-9431</td>
</tr>
<tr>
<td>12:00 PM - 1:00 PM</td>
<td>Lunch sponsored by Analytical Environmental Services</td>
<td>Kari Hoffmann</td>
<td>U.S. Energy Sources: Where it Has Changed in the Last Decade</td>
</tr>
</tbody>
</table>
**American Institute of Professional Geologists (AIPG) Georgia Section**  
**Nineth Conference On: "Innovative Environmental Assessment and Remediation Technology", October 5-6, 2021**  
**Kennesaw State University, Continuing Education, Kennesaw, Georgia 30144**

**October 5 - Afternoon Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Presenter</th>
<th>Contact Information</th>
</tr>
</thead>
</table>
| 1:00 PM - 1:30 PM | 5             | Combined Remedy Treatment of Multi-Chemical Solvent Plume in Fine-Grained Low-Permeability Sediments | Bill Brab, P.G.  
AST Environmental, Inc.  
Senior Geologist  
665 McKinney Ave. Midway, Kentucky 40347  
bbrab@astenv.com  
859-846-4900 (cell) 859-321-2171 |
| 1:30 PM - 2:00 PM | 6             | Treatment of a Chlorinated Groundwater Plume Using Iron Impregnated Carbon | Duane Guilfoil, P.E.  
AST Environmental, Inc.  
President Remediation Services  
665 McKinney Ave., Midway, Kentucky 40347  
dguilfoil@astenv.com  
859-846-4900, (cell) 859-991-4456 |
| 2:00 PM - 2:40 PM | Break sponsored by EMServices | | Jeff Johnson |
| 2:40 PM - 3:10 PM | 7             | Sonic Drilling for the Environmental Industry | Michael Saringella  
TerraSonic International  
Sales Manager  
2248 Sandridge Circle, Eustis, FL 32726  
mjs@terrasonicinternational.com  
352-801-9016 |
| 3:10 PM - 3:40 PM | 8             | EPA Brownfields: Overview and Case Studies | Doug Strait, PE  
Cardno  
Principal-Environment  
6611 Bay Circle, Suite 220, Norcross, Georgia 30071  
douglas.strait@cardno.com  
(cell) 770-316-2466 |
| 3:40 PM - 4:10 PM | 9             | Horizontal Directional Drilling for Remediation Applications: Well Installation & Screen Considerations for AS/SVE, Injection Wells, & Sub Slab Vapor Mitigation Applications, Including Case Studies | David Bardsley PG  
Ellingson-DTD  
100 Rolling Ridge Drive, Bellefonte, PA  
dbardsley@ellingsoncompanies.com  
Toll free: 800-635-7330 ext. 160, 678-313-7593 |
| 4:10 PM       |               | Adjourned for October 5 - Session | |
## October 6 - Morning Session

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker/Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 AM - 9:30 AM</td>
<td>Breakfast sponsored by Geo Lab Drilling</td>
<td></td>
</tr>
<tr>
<td>9:30 AM - 9:40 AM</td>
<td>Registration and Continental Breakfast</td>
<td>Welcome and Opening Remarks: Ron Wallace, PG</td>
</tr>
<tr>
<td>9:40 AM - 10:10 AM</td>
<td>Remedial Action at a Former Wood Treatment Site in Florida</td>
<td>Rusty Kestle, PG&lt;br&gt;U. S. EPA Region 4&lt;br&gt;SSRB, Superfund&lt;br&gt;61 Forsyth Street, SW Atlanta, GA 30303&lt;br&gt;<a href="mailto:kestle.rusty@epa.gov">kestle.rusty@epa.gov</a>&lt;br&gt;404-562-8819</td>
</tr>
<tr>
<td>10:10 AM - 10:40 AM</td>
<td>Vapor Intrusion Assessment Tools and Sampling Challenges that May Affect Data Quality</td>
<td>Kesler Krieg&lt;br&gt;Pace Analytical&lt;br&gt;Program Manager, Air&lt;br&gt;1700 Elm St SE, Minneapolis, MN 55414&lt;br&gt;<a href="mailto:kesler.krieg@pacelabs.com">kesler.krieg@pacelabs.com</a>&lt;br&gt;612-360-1084</td>
</tr>
<tr>
<td>10:40 AM - 11:00 AM</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>11:00 AM - 11:30 AM</td>
<td>Treating 1,4-Dioxane with Activated Potassium Persulfate</td>
<td>Patrick Hicks Ph.D.&lt;br&gt;Evonik Active Oxgens, LLC&lt;br&gt;Active Oxgens / Soil &amp; Groundwater Remediation&lt;br&gt;8004 Looking Glass Court, Raleigh, NC 27612&lt;br&gt;<a href="mailto:patrick.hicks@evonik.com">patrick.hicks@evonik.com</a>&lt;br&gt;919-280-7962</td>
</tr>
<tr>
<td>11:30 AM - 12:00 PM</td>
<td>EPA project at Mississippi Phosphates</td>
<td>Tim Bricker PE&lt;br&gt;KEMRON Environmental Services, Inc.&lt;br&gt;Program Manager&lt;br&gt;1359-A Ellsworth Industrial Blvd., Atlanta, GA 30318&lt;br&gt;<a href="mailto:tbricker@kemron.com">tbricker@kemron.com</a>&lt;br&gt;404-601-6917, (cell) 404-747-8572</td>
</tr>
<tr>
<td>12:00 PM - 1:00 PM</td>
<td>Lunch</td>
<td>Dr. Tamie Jovanelly&lt;br&gt;The Top Ten Geological Wonders of Iceland</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
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</tbody>
</table>
| 1:00 PM - 1:30 PM | 14      | Jorgen Bergstrom PG | *Surface and Borehole Geophysics for Site Characterization in Support of Environmental Remedial Projects* | Jorgen Bergstrom PG  
GEL Solutions  
Principa  
821 Livingston Court, Suite E, Marietta, GA 30067  
jorgen.bergstrom@gel.com  
770 980-1002 ext 1516, (cell) 770 543-8444 |
| 1:30 PM - 2:00 PM | 15      | Kent Armstrong      | Efforting...                                                                | Kent Armstrong  
TerraStryke Products LLC  
President  
P.O. Box 254, Andover, New Hampshire 03216  
karmstrong@terrastryke.com  
603-977-0810, (cell) 603-31-3159 |
| 2:00 PM - 2:40 PM |         |                     | Break                                                                      |                                          |
| 2:40 PM - 3:10 PM | 16      | Andy Carroll PG     | *Advancements in Remote Monitoring Technologies*                            | Andy Carroll PG  
Skytec LLC  
Co Founder  
722 Overbridge Lane, Chattanooga, TN 37405  
acarroll@skytecllc.com  
423-605-3684 |
| 3:10 PM - 3:40 PM | 17      | Jay Kemberling      | *A 2021 Vision for Georgia USTMP*                                           | Jay Kemberling  
Georgia Environmental Protection, USTMP  
Program Manager  
4244 International Parkway, Suite 104, Atlanta, GA 30354  
jay.kemberling@dnr.ga.gov  
470-251-4025 |
<p>| 3:40 PM - 4:00 |         |                     | Wrap-up, Conference Evaluation, Suggestions                                | Adjourned                                  |</p>
<table>
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<th>Name</th>
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<td><a href="http://www.totalvaporsolutions.com">www.totalvaporsolutions.com</a></td>
</tr>
<tr>
<td>Brian Strickland</td>
<td>Geo Lab Drilling, Inc.</td>
<td>P.O. Box 1169, Dacula, GA 30019</td>
<td>770-868-5407</td>
<td>770-868-5408</td>
<td><a href="mailto:bstrickland@geolabdrilling.com">bstrickland@geolabdrilling.com</a></td>
<td><a href="http://www.geolabdrilling.com">www.geolabdrilling.com</a></td>
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<td>EcoVac Services, Inc.</td>
<td>356 Nottingham Dr, Suite 100, Marietta, GA 30066</td>
<td>770-592-1001</td>
<td></td>
<td><a href="mailto:dave.goodrich@ecovacservices.com">dave.goodrich@ecovacservices.com</a></td>
<td><a href="http://www.ecovacservices.com">www.ecovacservices.com</a></td>
</tr>
<tr>
<td>Kari Hoffmann</td>
<td>Analytical Environmental Services, Inc.</td>
<td>3080 Presidential Drive, Atlanta, GA 30340</td>
<td>770-457-8177</td>
<td>800-972-4889</td>
<td><a href="mailto:khoffmann@aesatlanta.com">khoffmann@aesatlanta.com</a></td>
<td><a href="http://www.aesatlanta.com">www.aesatlanta.com</a></td>
</tr>
</tbody>
</table>
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www.dakotatechnologies.com

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www.horizontaldrill.com

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| Rodger Daniel                   | American Environmental & Construction Services, Inc.  
1170 Tidwell Road, Suite 103  
Alpharetta, GA 30004  
770-754-6440  
Cell: 404-386-5502  
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amenv.com |                                           |                |                      |                              |                                |
| Bill Brab, P.G., C.P.G.         | AST Environmental, Inc.  
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Cell: 859-321-2171  
bbbrab@astenv.com  
www.astenv.com |                                           |                |                      |                              |                                |
| Aimee Plowman                   | Land Science  
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aplowman@landsciencetech.com  
www.landsciencetech.com |                                           |                |                      |                              |                                |
| Jeff Johnson                    | EMServices, LLC  
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770-823-7174  
jj@emservicesonline.com  
www.emservicesonline.com |                                           |                |                      |                              |                                |