



## American Institute of Professional Geologists (AIPG) Georgia Section Presents:

### 7th Conference on: Innovative Environmental Assessment and Remediation Technology (April 18 & 19, 2017)

Dear professional colleagues:

By participating in the **Seventh AIPG Innovative Environmental Conference** you can earn up to **14 CEU's** for a price of **\$100 (AIPG Members)**.

Looking forward to seeing all of you again soon!

<http://georgiaaipg.weebly.com/>



- Hear discussions on the latest technology regarding environmental assessment and remediation given by regulators, engineering and geological consultants, attorneys, etc.
- View the latest technologies with multiple vendor exhibitors to help you assess your remediation needs.
- Meet potential clients, contractors, government regulators, university professors, service providers, and old friends.
- Funds raised are used to support our AIPG student chapters and award eight student scholarships to students in Georgia.

#### Topics of discussion include:

- EPD regulators from the UST program discussing new risk based corrective action and new receptor survey
- Vapor Intrusion - Assessment, Evaluation, Regulations, Lessons Learned, Construction Issues, etc.
- Delineation of LNAPL using *Laser Induced Fluorescence (LIF) Technologies*
- In-situ remediation techniques utilizing surfactants and soil amendments
- LNAPL remediation in clay-rich lithology
- Various studies involving remediation techniques using chemical oxidation technologies.
- Practical project management topics regarding insurance and safety


**American Institute of Professional Geologists (AIPG) Georgia Section  
Seventh Conference On: "Innovative Environmental Assessment and Remediation Technology", April 18 - 19, 2017  
Kennesaw State University, Continuing Education, Kennesaw, Georgia 30144**

**April 18 - Morning Session**

		<b>Breakfast, sponsored by GeoLab Drilling</b>	<b>Registration and Continental Breakfast</b>
7:45 AM - 8:30 AM			Welcome and Opening Remarks: Ron Wallace, PG
8:30 AM - 8:40 AM			
8:40 AM - 9:00 AM	1	<p><i>Use of electrolytes to control colloidal dispersion caused by anionic surfactants used for NAPL remediation in clay-rich lithologies, a proven strategy to maintain effective porosity</i></p> <p style="text-align: center;"><b>Questions and Answers</b></p>	<p>David M. Goodrich, PG, President, dave.goodrich@ecovacservices.com EcoVac Services, Inc. 105 Weatherstone Drive, Suite 610 Woodstock, GA 30188 (770) 592-1001; (770) 592-1801 (fax); www.ecovacservices.com</p>
9:00 AM - 9:10 AM			
9:10 AM - 9:30 AM	2	<p><i>Conducting large-scale vapor intrusion studies: lessons learned and new techniques to help improve the process</i></p> <p style="text-align: center;"><b>Questions and Answers</b></p>	<p>Jim Fineis, PG jimfineis@atlas-geo.com Atlas Geo-Sampling Company 120 Nottaway Lane Alpharetta, GA 30009 (770) 883-3372; (770) 456-5064 (fax)</p>
9:30 AM - 9:40 AM			
9:40 AM - 10:10 AM		<p><b>Break, sponsored by: Atlas Geo-Sampling</b></p>	
10:10 AM - 10:30 AM	3	<p><i>Optimizing In Situ Remediation Amendments using Innovative Surfactant System Formulations</i> (co-authors: Gary Birk, PE (gary.birk@tersusenv.com); Jeffrey H. Harwell, Ph D (jharwell@jhu.edu); Mark Hasegawa, PE (mark.h@hasegawa.ca))</p> <p style="text-align: center;"><b>Questions and Answers</b></p>	<p>David F. Alden, PE david.alden@tersusenv.com Technical Associate, Tersus Environmental, LLC 1116 Colonial Club Rd Wake Forest, NC 27587 (919) 453-5577; (919) 523-6233 (cell.); www.tersusenv.com</p>
10:30 AM - 10:40 AM			
10:40 AM - 11:00 AM	4	<p><i>Dual Phase Vapor Extraction (DPVE) Technology</i></p>	<p>Edward Tung etung@mkenv.com MK Environmental 765 Springer Drive Lomard, IL 60148 630-848-0585 Direct</p>
11:00 AM - 11:10 AM			
11:10 AM - 11:30 AM	5	<p><i>Management of pH in Acidic Aquifers during In Situ Bioremediation in the Southeast, USA</i> (co-author: Bilgen Yuncu)</p> <p style="text-align: center;"><b>Questions and Answers</b></p>	<p>Brad Elkins, MS, PG belkins@eosremediation.com Technical Sales &amp; Support, EOS Remediation, LLC 1101 Nowell Road, Raleigh, NC 27607 (919) 873-2204, Ext. 173; (919) 602-6619 (cell.) (919) 873-1074 (fax); www.eosremediation.com</p>
11:30 AM - 11:40 AM			
11:40 AM - 1:00 PM		<p><b>Lunch presentation</b> Caryl Orr</p> <p style="text-align: center;"><b>The Future of the EPA?</b></p>	<p style="text-align: center;"><i>President Earth Resource Systems, LLC</i> 805 Ashland Drive Tuscaloosa, AL <a href="http://www.ersystems.com">www.ersystems.com</a></p>

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**April 18 - Afternoon Session**

1:00 PM - 1:20 PM	6	<i>Increasing Rainfall Variability in the Atlanta Area, Site Assessments and Remediation</i>	Peter T. Kallay, PE, PG <a href="mailto:atlantaenviro@cs.com">atlantaenviro@cs.com</a> Atlanta Environmental Consultants 3440 Blue Spring Road, Suite 503 Kennesaw, GA 30144  (770) 529-0386; (678) 569-2419 (fax); <a href="http://www.AtlantaEnviro.com">www.AtlantaEnviro.com</a>
1:20 PM - 1:30 PM		<i>Questions and Answers</i>	
1:30 PM - 1:50 PM	7	<i>Vapor Intrusion Mitigation Trends &amp; Technologies for Brownfield Redevelopment</i>	Jordan Kleine <a href="mailto:jkleine@landsciencetech.com">jkleine@landsciencetech.com</a> Southeast US District Manager  Atlanta, GA (470) 218-5728
1:50 PM - 2:00 PM		<i>Questions and Answers</i>	
2:00 PM - 2:30 PM		<b>Break, sponsored by: ESC</b>	
2:30 PM - 2:50 PM	8	<i>Multi-Site Performance Review of Liquid Activated Carbon for Groundwater Treatment</i>	Chad Northington <a href="mailto:cnorthington@regenesisc.com">cnorthington@regenesisc.com</a> Southeast US Technical Manager, REGENESIS®  Tallahassee, FL
2:50 PM - 3:00 PM		<i>Questions and Answers</i>	
3:00 PM - 3:20 PM	9	<i>Enhanced Amendment Enforcement Best Practices to Ensure Contact with Contaminants and Successful Remediation</i> (co-authors: Steve Chen, PE, Deborah Schnell, PE and Eliot Cooper)	Robert Kelley, PhD <a href="mailto:rkelley@cascade-env.com">rkelley@cascade-env.com</a> Cascade Environmental  251 NC Highway 24 27 W, Midland, NC 28107 (704) 888-5376, Ext. 2708; (908) 510-3835 (cell.)
3:20PM - 3:30 PM		<i>Questions and Answers</i>	
3:30 PM - 3:50 PM	10	<i>Understanding the Insurance Requirements in Contracts</i>  (co-author: Shelbe Zimmerman, ARM, CPCU; <a href="mailto:shelbe.zimmerman@millseis.com">shelbe.zimmerman@millseis.com</a> )	Patricia Mills, CLU, FLMI, ALHC <a href="mailto:patricia.mills@millseis.com">patricia.mills@millseis.com</a>  Owner/President, Mills Environmental Insurance Services, LLC 4411 Suwanee Dam Road, Suite 410, Suwanee, GA 30024  (770) 932-1229; (404) 443-0649 (fax); <a href="http://www.millsEIS.com">www.millsEIS.com</a>
3:50 PM - 4:00 PM		<i>Questions and Answers</i>	
4:00 PM - 4:20 PM	11	<i>Safety Awareness/ Planning and Implementation Real Life Lessons Learned</i>	Christopher B. Brown, P.C. <a href="mailto:cbbrown@smeinc.com">cbbrown@smeinc.com</a> Senior Project Manager  3380 Town Point Drive, Suite 140 Kennesaw, GA 30144  770-919-096 phone 770-919-2360 fax
4:20 PM - 4:30 PM			
4:30 PM		<b>Adjourned for April 18 - Session</b>	<b>Reception at Red Hare Brewery (immediately following)</b>



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**April 19 - Morning Session**

7:30 AM - 8:30 AM		Breakfast		Registration and Continental Breakfast	
8:30 AM - 8:40 AM				Welcome and Opening Remarks: Ron Wallace, PG	
8:40 AM - 9:00 AM		12		<p>Randy St. Germain President, Dakota Technologies, Inc. <a href="mailto:stgermain@dakotatechnologies.com">stgermain@dakotatechnologies.com</a> 2201-A 12th St N, Fargo, ND 58102 (701) 237-4908</p>	
9:00 AM - 9:10 AM				<p><i>Identification and Delineation of NAPLs using Laser Induced Fluorescence Technologies</i></p> <p style="text-align: center;"><u>Questions and Answers</u></p>	
9:10 AM - 9:30 AM		13		<p><i>Identification and Delineation of NAPLs using Laser Induced Fluorescence Technologies</i></p> <p style="text-align: center;">(continued) <u>Questions and Answers</u></p>	
9:30 AM - 9:40 AM				<p>same as above</p>	
9:40 AM - 10:10 AM				<p>Break, sponsored by: Dakota Technologies</p>	
10:10 AM - 10:30 AM		14		<p><i>Identification and Delineation of NAPLs using Laser Induced Fluorescence Technologies</i></p> <p style="text-align: center;">(continued) <u>Questions and Answers</u></p>	
10:30 AM - 10:40 AM				<p>same as above</p>	
10:40 AM - 11:00 AM		15		<p><i>Identification and Delineation of NAPLs using Laser Induced Fluorescence Technologies</i></p> <p style="text-align: center;">(continued) <u>Questions and Answers</u></p>	
11:00 AM - 11:10 AM				<p>same as above</p>	
11:10 AM - 11:30 AM		16		<p><i>EISB Treatment of Chloroform in Fractured Bedrock via a Recirculation Pilot System</i></p> <p style="text-align: center;"><u>Questions and Answers</u></p>	
11:30 AM - 11:40 AM				<p>Benjamin K. Amos, PhD, PE <a href="mailto:bamos@geosyntec.com">bamos@geosyntec.com</a> Senior Engineer, Geosyntec Consultants, Inc. 1255 Roberts Boulevard, NW, Suite 200 Kennesaw, GA 30144 (678) 202-9597; (678) 386-9507</p>	
11:40 AM - 1:00 PM				<p>Lunch, sponsored by</p>	

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**April 19 - Afternoon Session**

1:00 PM - 1:20 PM	17	Landfill Discussion (Title TBD)	Cal Johnson <a href="mailto:cjohnson@oasis-cs.com">cjohnson@oasis-cs.com</a> Landfill Gas Specialist/Energy Specialist Oasis Consulting Services 45 Woodstock Street Roswell, GA 30075 678-485-6077
1:20 PM - 1:30 PM		<i>Questions and Answers</i>	
1:30 PM - 1:50 PM	18	ISCO Technologies (Title TBD)	Ken Summeror and Dr. Dan Cassidy <a href="mailto:ksummerour@eriskinc.com">ksummerour@eriskinc.com</a>
1:50 PM - 2:00 PM		<i>Questions and Answers</i>	
2:00 PM - 2:30 PM		Break, sponsored by: EM Services	
2:30 PM - 2:50 PM	19	Update on USTMP	Lon Revall <a href="mailto:lon.revall@dnr.ga.gov">lon.revall@dnr.ga.gov</a> Program Manager Underground Storage Tank Management Program, Georgia EPD 4244 International Parkway, Suite 104, Atlanta, GA 30354 (404) 362-2582; (404) 362-2654 (fax)
2:50 PM - 3:00 PM		<i>Questions and Answers</i>	
3:00 PM - 3:20 PM	19	".....and the Survey says?"	Steven Wilson <a href="mailto:steven.wilson@dnr.ga.gov">steven.wilson@dnr.ga.gov</a> Advanced Geologist Corrective Action Unit II Underground Storage Tank Management Program, Georgia EPD 4244 International Parkway, Suite 104, Atlanta, GA 30354 (404) 362-4528; (404) 362-2654 (fax)
3:20 - 3:30 PM		<i>Questions and Answers</i>	
3:30 PM - 3:50 PM	20	"Gee, RBCA, where have you been?"	Same as above
3:50 PM - 4:00 PM		<i>Questions and Answers</i>	
4:00 PM - 4:15		Wrap-up- Conference Evaluation, Suggestions	

**Adjourned**

# Georgia Environmental Social /Networking Event



Sponsored by:



In Conjunction with:



**Purpose:** To provide networking and outreach opportunities to to environmental groups and professionals in Georgia.

**Place:** Red Hare Brewery\*

**Date:** April 18th, 2017, 6-9pm ( Right After AIPG Conference)

RSVP by April 14<sup>th</sup> at one of the following:

[bshinall@fruits-us.com](mailto:bshinall@fruits-us.com), [David.Anthony@pacelabs.com](mailto:David.Anthony@pacelabs.com) , [jimfineis@atlas-geo.com](mailto:jimfineis@atlas-geo.com), or [wbarnett@pine-environmental.com](mailto:wbarnett@pine-environmental.com)



\*Red Hare Brewery is located at 1998 Delk Industrial Blvd, Marietta, GA 30067  
**Games!!! Food!!! & Free Beer Tastings!!!**