



## AIPG GEORGIA SECTION

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Austin Caughey – Columbus State student chapter  
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Brandon Hughes – Georgia Southwestern State student chapter  
Joseph Allen – University of North Georgia student chapter  
Mallory Paulk – Berry College student chapter

May 2018

### Navigating Property Dealbreakers through Georgia's Brownfield Program

**Speaker:** Michael Monteleone, P.E., SVP, Oasis Consulting Services

**When:** Friday, May 18, 2018 at 12 noon to 1:00 PM

**Where:** OASIS Consulting Services, 45 Woodstock Street, Roswell, GA 30075

AIPG Members and guests call or email by Thursday May 17, if you plan to attend  
[Call or Email Calvin Johnson at [cjohnson@oasis-cs.com](mailto:cjohnson@oasis-cs.com) or (678) 485-6077]

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#### **PRESIDENTS MESSAGE**

First I would like to congratulate all our student members that are graduating. Please keep your membership current. In the last month I've visited West Georgia, Georgia Southwestern, Columbus State, Berry College, and North Georgia. My last visit this semester was to Georgia College State University in Milledgeville where I gave a career talk on the EPD. All our scholarships have been delivered and I'm happy to say that we had two student members awarded the \$1,000.00 AIPG National scholarship. Congratulations go to Maddie Bess at Berry College and Chance Seckinger at Columbus State. In this news letter there is an announcement on a job opening. If you are interested, please contact them. Also David Abbott is a distinguished lecturer for AAPG and would like to visit some of our student chapters and talk on ethics. I've heard from two sections that are interested. David has already told me that his fall schedule is booked through the middle of October so if you are interested in him visiting, please contact me. If new student officers have been elected for 2018-2019, please email me their email addresses. Within the next few months you will start hearing about our conference on September 18-19, 2018.

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#### **LUNCHEON SPEAKER**

##### *Overarching Theme*

As a potential investor or future site owner, you can identify environmental concerns with real estate properties despite limited access to data and know how to approach them prior to your next closing.

### ***Background/Objectives***

When approaching property development, owners have a set budget in order to maximize their rate of return—but what seemed like a “good deal” on land can sometimes turn into a money pit. Michael Monteleone, PE, an experienced engineer and environmental consultant, will identify common issues owners face with properties and how to overcome those deal breakers before you get to the closing table—drawing on past experience, such as the aiding in the turnover of former Fort Gillem and Fort McClellan to investors. Owners and other Stakeholders will discover how to approach:

- Types of costs to expect due to lead or asbestos remediation
- If a property has a product source needing removal
- If a property has groundwater onsite that is migrating to adjacent properties offsite

### ***Lessons Learned***

- Property owners and potential investors will learn “What is my risk?”
- Receive a consultant’s perspective on how to overcome these obstacles and what level of cost is associated

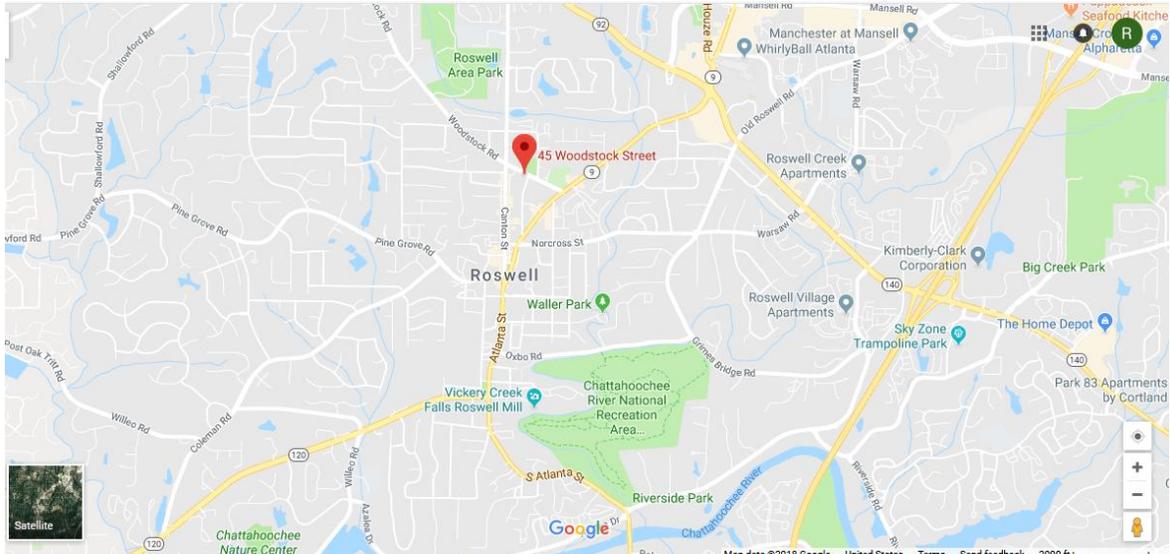
### ***Biography***

Mr. Michael Monteleone is a Senior Vice President and Director of Engineering at Oasis Consulting Services of Roswell, Georgia. He has over 30 years of experience in remediation, geosynthetic, geotechnical and construction engineering and design experience related to CERCLA, RCRA and solid and hazardous waste landfill projects. A registered professional engineer in 18 states plus Puerto Rico and USVI, Mr. Monteleone holds a Master of Science degree in civil/geotechnical engineering from Drexel University. Mr. Monteleone has had significant experience in the management and direction of large multi-disciplinary design and construction-related solid and hazardous waste projects involving multiple state and federal entities. He has worked in the BRAC sector for over 10 years starting as the Engineer of Record for design and construction of the landfill cover systems for Landfill 3 and Fill Area Northwest of Reilly Airfield at the former Fort McClellan in Anniston, Alabama. Currently, he is the Technical Environmental Consultant to the Urban Redevelopment Agency since 2009 and the McPherson Implementation LRA since 2016. In these roles, Mr. Monteleone has been responsible for interface and coordination between the LRA, GA EPD, and the Army for environmental matters leading up to Transfer.

*Corporate Sponsor for this Meeting:*

***Oasis Consulting Services***, 45 Woodstock Street, Roswell, GA 30075  
[www.oasis-cs.com](http://www.oasis-cs.com), (678) 739-2400, email: [mmonteleone@oasis-cs.com](mailto:mmonteleone@oasis-cs.com)





Location in Roswell of the next AIPG/GGWA meeting

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### **EMPLOYMENT OPPORTUNITY**

Entry to Mid-level Geologist/Environmental Scientist- Full-time position for an environmental consulting/remediation firm in Monroe, GA with work throughout the SE. Prefer 1+ year experience in environmental field (internship experience considered) with Bachelor's degree and OSHA 40 hour preferred. Clean driving record a must. Position will include a combination of field and office work. Duties will be varied and will include drilling oversight, drill probe operation, soil and groundwater sampling, well installation, chemical injection work, data tabulation, report writing and production. Must be proficient in Word, Excel, and PowerPoint, CADD a plus. Must be detail oriented, ability to work independently after receiving instruction, and have excellent writing skills. Please email resume to Kim at [kphillips@eriskinc.com](mailto:kphillips@eriskinc.com).

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### **GEORGIA SECTION SCHOLARSHIP WINNERS for 2018**

Georgia Southern – Erin Brinkman  
Columbus State – Austin Caughey  
University of Georgia – Gian Cella  
Georgia State – Katherine Morgan  
Georgia Southwestern State – Trevor Dempsey, Andrew May  
West Georgia – Nicholas Smith  
University of North Georgia – Robert Bandemir  
Berry College – Justyn Patterson

### **AIPG NATIONAL SCHOLARSHIP WINNERS**

Berry College – Maddie Bess  
Columbus State – Chance Seckinger

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### **GEORGIA SECTION LONGEVITY AWARD**

The following members will be mailed our longevity award  
10 years – Dr. Jessica Kogel and Dr. Edward Schrader

We thank these members for their commitment to AIPG.

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**SCHOLARSHIP WINNERS**



Andrew May and Trevor Dempsey  
at Georgia Southwestern



Austin Caughey at Columbus State



Justyn Patterson at Berry College

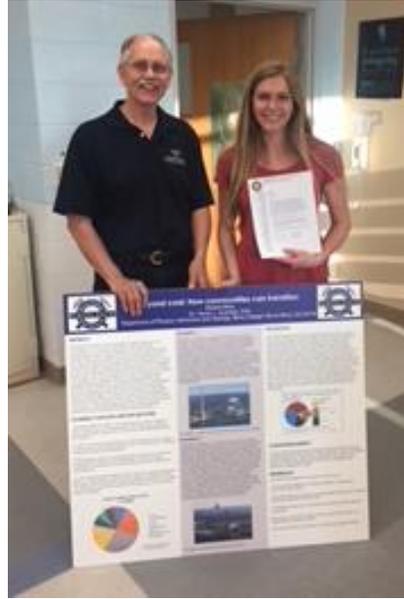


Nicholas Smith at West Georgia

Our two National Winners:



Chance Seckinger at Columbus State



Maddie Bess at Berry College

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## DAVID ABBOTT AAPG DISTINGUISHED LECTURER



### Distinguished Lecture Tours



**David M. Abbott Jr.**

*Distinguished Ethics Lecturer*

**North American Tour, January 1, 2018 - June 1, 2019**

Talk Titles:

- Fundamentals of Geoscience Ethics
- The Development of Geoscience-related Ethics Codes
- Honesty—Avoiding the Misuse of Models
- Aspects of Geoscience-related Ethics Codes
- Geoscience Ethics: Public Protection Versus Confidentiality

My titles and descriptions for the ethics lectures are:

1. **Fundamentals of Geoscience Ethics:** This talk examines the principles of common morality that underlie written ethics codes including the differences between statements of rules that must be complied with and aspirational statements, the procedure for determining if a violation of a rule is justified, and case histories of common ethical issues in geoscience practice. This talk is intended as an introduction to geoscience ethics.

2. **The Development of Geoscience-related Ethics Codes:** Many geological and related engineering professional associations were founded in the 19<sup>th</sup> and early 20<sup>th</sup> centuries but ethics codes were generally not adopted until after WWII. The AAPG Code of Ethics was the first code and was adopted in 1924. Codes have changed over the years for a variety of reasons as has their organization. There are common principles in the codes like honesty, integrity, transparency, etc. Most codes also explicitly state that protection of the public's health, safety, and welfare supersedes employer/client confidentiality. Emerging additions to ethics codes include statements about harassment and discrimination, sustainable development, and global human welfare. Whether an ethics code requires enforcement procedures, the implications of enforcing an ethics code, and the characteristics of effective disciplinary procedures are reviewed.

3. **Honesty—Avoiding the Misuse of Models:** Honesty is a basic principle of geoscience ethics. We all use models but all models are incomplete and flawed. Nevertheless, some models are useful in assisting understanding of a particular system. Honesty requires disclosure of the limitations and deficiencies of a particular model. Modern computer modeling permits examination of complicated models but these models are still not “the truth.” Professional judgment is still required in determining the utility of a model and to guard against self-deception.

4. **Aspects of Geoscience-related Ethics Codes:** This talk examines several issues in geoscience-related ethics including: Continuing Professional Development—encouraged or required; public protection versus confidentiality; ethical but upsetting research; a look at the problems with models; and whistle blowing—when, how, and consequences; the protection of geodiversity; failure to respect others' opinions; and aspects of switching jobs.

5. **Geoscience Ethics: Public Protection Versus Confidentiality:** Protection of the public's health, safety, and welfare and protecting the confidentiality of an employer's or client's confidential information are fundamental geoscience ethics principles. What happens when these two principles conflict? Generally, geoscience ethics codes state that public protection supersedes confidentiality. Several examples of such conflicts are examined along with the implications of whistle blowing.

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## FEDERAL DOCUMENTS

### **White House floats rescission of FY 2018 appropriations**

The White House and some Republican members of Congress are considering pursuing a rescission procedure to roll back some of the fiscal year (FY) 2018 funds that President Donald Trump reluctantly signed into law on March 23. The procedure provides an expedited process for the President to propose and Congress to pass a rescission resolution identifying appropriations that the administration does not want to spend. Regardless of whether the President officially initiates a rescission or Congress ultimately agrees to pass a rescission, some agency spending plans have already been delayed in anticipation.

### **House committees discuss FY 2019 NOAA budget request**

Rear Admiral Timothy Gallaudet, Ph.D., the Assistant Secretary of Commerce for Oceans and Atmosphere and Acting Administrator of the National Oceanic and Atmospheric Administration (NOAA), testified at two House committee hearings about NOAA's fiscal year (FY) 2019 budget request. In the testimony, he stated that NOAA's FY 2019 budget request of about \$4.6

billion – a decrease of \$1.3 billion or 23 percent below the FY 2018 omnibus enacted level – prioritizes investment in the core missions at NOAA.

### **Administrator Pruitt answers questions from House lawmakers at EPA FY 2019 budget hearings**

On April 26, Environmental Protection Agency (EPA) Administrator Scott Pruitt fielded an array of questions at back-to-back congressional hearings, which were originally intended to discuss the EPA's fiscal year (FY) 2019 budget request of \$6.15 billion, a \$1.9 billion or 24 percent reduction from FY 2018 enacted levels. The hearings were peppered with questions regarding ethics issues, policy concerns, and parochial projects.

### **House Science Committee advances NASA Reauthorization and STEM education and research bills**

The House Science Committee held a full committee markup of two bills, the Innovations in Mentoring, Training, and Apprenticeships Act (H.R.5509) and National Aeronautics and Space Administration (NASA) Authorization Act of 2018 (H.R.5503). H.R.5509 directs NSF to provide grants for research about STEM education approaches and the STEM-related workforce. The NASA Authorization Act would reauthorize the agency for FY 2018 through FY 2019, and was intensely debated during the markup due to disagreements about language slashing the FY 2019 authorized funds for Earth Science.

### **Senate Environment and Public Works Committee discusses bipartisan bill to boost carbon capture technology**

The Senate Environment and Public Works Committee held a hearing to discuss the bipartisan Utilizing Significant Emissions with Innovative Technologies Act, or the USE IT Act (S.2602). Introduced by Committee Chairman John Barrasso (R-WY), the USE IT Act supports research and development of carbon capture utilization and storage (CCUS) technologies and facilitates a new permitting process for CCUS projects and carbon dioxide pipelines.

### **EPA announces revision of greenhouse gas emission standards**

On April 2, Environmental Protection Agency (EPA) Administrator Scott Pruitt announced that the agency would revise fuel economy standards for cars and trucks for model years 2022 through 2025, citing recent data that suggest the current standards are not appropriate. The current standards, requiring automakers to engineer their fleets so gas mileage would average 54.5 miles per gallon by 2025, were established by President Barack Obama's administration in 2012.

## **Senate confirms USGS Director, NASA Administrator, Secretary of State, EPA Deputy Administrator**

The Senate unanimously confirmed Dr. James Reilly as Director of the U.S. Geological Survey on April 9. A few days later, the Senate also voted to confirm Andrew Wheeler as Deputy Administrator of the EPA, Representative James Bridenstine as Administrator of NASA, and Michael Pompeo as Secretary of State

## **Senate Commerce Committee discusses hurricane preparation and response capabilities**

On April 12, the Senate Committee on Commerce, Transportation, and Science held a hearing to examine the status of local and federal agencies' recovery from the 2017 Atlantic hurricane season, and ongoing preparation for the 2018 season. The hearing focused on the importance of disaster relief funds for local communities, as well as the National Transportation Safety Board's (NTSB) investigation of the 2015 sinking of the US-flagged El Faro cargo ship.

## **Congress introduces legislation to enhance flood mapping**

On April 18, congressional members from Illinois, Florida, Maryland, and Texas introduced a bipartisan, bicameral initiative to enhance the mapping of urban flood hazard zones. In addition, Representative Rick Crawford (R-AR-1) introduced the Scientific Flood Mapping Act (H.R.5559), which would transfer functions related to the preparation of flood maps from FEMA to the USGS due to concerns regarding FEMA's flood map oversight and management.

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