

2018 Southeast Brownfield Conference

September 26–28, 2018
Birmingham, Alabama



Program Guide



ALABAMA BROWNFIELDS ASSOCIATION



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ALABAMA BROWNFIELDS ASSOCIATION

2018 Southeast Brownfield Conference

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The Alabama Brownfields Association (ALBFA) welcomes you to the 3rd Annual Southeast Brownfield Conference in Birmingham, Alabama. This year's event is the result of a joint effort between the ALBFA, the Alabama Department of Environmental Management (ADEM) and the Environmental Protection Agency (EPA). We hope that you find the conference agenda and networking opportunities to be valuable to your end goals.

For those of you not aware, the ALBFA is a young organization officially formed in 2017 following finalization of the Association bylaws, formation of the initial Board of Directors, registration with the Secretary of State, and 501c6 filing with the IRS. We wouldn't be here with you today if it were not for the volunteer work of the steering committee, the Board members, and other volunteers. A BIG thanks goes out to each and every one of these individuals, and their employers.

For the ALBFA forming only in 2017, we have already achieved so much by hosting multiple educational and networking events: 1) We co-hosted the August 2017 Alabama Brownfields Conference with ADEM at the Marriott Conference Center in Prattville; 2) We held a Winter Social in January 2018 at the Southern Environmental Center at Birmingham Southern College with a presentation by BLOC Global; 3) We held a summer social in June 2018 at the Porter Room (Dreamland BBQ) in Montgomery with a presentation by the City of Montgomery; AND 4) we are now co-hosting the Southeast Brownfield Conference!

This year's conference spans across 3 days. EPA takes the lead on September 26 with their new grantees workshop, which is focused toward municipal recipients of Federal Brownfield grants for this cycle. September 27 is a day organized by the ALBFA with a focus on various Brownfield technical aspects including community outreach, economic and regulatory developments, and assessment and remediation. On the final day, ADEM has organized a redevelopment partner workshop.

Whether you are a developer, real estate professional, environmental professional, state environmental agency, tribe, local government, non-profit organization, or community member, we hope that you find this year's spectrum of information to be beneficial for your individual professional areas.

Throughout the conference, please take a minute and thank all of the event Sponsors and visit the Exhibitor booths. Our ability to provide refreshments, snacks, and lunch is because of the generosity of these organizations. The ALBFA thanks these organizations! Please be sure to get your Exhibitor card stamped by ALL the exhibitors to be enrolled in special prize drawings.

Please know that the ALBFA is your Association. We need YOU. We need your experience and insight to help make this Association a success. Please get involved. As a conference registrant, you have received a complimentary annual membership in the ALBFA. Please be sure to attend our first Annual Business Meeting at 4:30 pm where we will elect Officers and Directors whose terms have expired. Please visit www.albfa.org/2018-elections for complete information about this year's elections.

Please let us know if you have any questions, and if you have any ideas on how the Association can assist the Southeast Brownfield community and the State of Alabama through our Brownfield education efforts.

Sincerely,

Russell C. Griebel, P.G.
ALBFA-President

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Schedule at a Glance

Wednesday, September 26, 2018

Session Time	EPA SESSIONS
7:30 – 8:30 am	Registration (Forum Lobby)
8:30 – 10:30 am	Region 4 State/Tribal Coordinators Meeting <i>(Forum H, by invitation only)</i>
10:30 – 10:45 am	BREAK IN EXHIBITOR FORUM
10:45 – 12:00 pm	Region 4 State/Tribal Coordinators Meeting <i>(continued—Forum H, by invitation only)</i>
12:00 – 1:00 pm	Lunch <i>(on your own)</i>
1:00 – 4:45 pm	New Grantee Workshop <i>(Forum G)</i>
1:00 – 4:45 pm	Hot Brownfields Topics from EPA and Partners <i>(Forum H-I)</i>
3:00 – 3:15 pm	BREAK IN EXHIBITOR FORUM
4:45 – 5:00 pm	State Meet and Greet <i>(Forum G)</i>
5:30 – 7:30 pm	Brownfield Tour and Networking—Sloss Furnace/Back Forty Brewery

Thursday, September 27, 2018

Session Time	MAIN CONFERENCE. <i>Forum G-H-I</i>
7:00 – 8:00 am	Registration/Breakfast
8:00 – 8:15 am	Welcome/Opening Remarks—David Fleming, REV Birmingham
8:15 – 8:45 am	Brownfield Funding Partnership—Steffanie Dorn, City of Greenwood, SC
8:45 – 9:15 am	Small Town, Big Success—Michelle Brown, Wilson, NC / Brian Kvam, Cardno
9:15 – 9:45 am	Former Tuscaloosa Chevrolet—Kenneth Bailey, P.E., TTL, Inc. / William “Buddy” Cox, Bradley, LLP
9:45 – 10:15 am	Gentrification and Brownfields: How do we Usher in Revitalization without Pushing People Out? – Elizabeth Limbrick, NJIT TAB
10:15 – 10:30 am	BREAK IN EXHIBITOR FORUM
10:30 – 11:00 am	Reshaping Perspectives—Mobile Manufactured Gas Plant: Assessment, Remediation & Community Mitigation Project—Albert G. Edwards, CERM, LLC
11:00 – 11:30 am	Modern Strategies for Effective Community Engagement—MaKara Rumley, Hummingbird
11:30 – 12:00 pm	Social ReMEDIAtion—Elizabeth McNulty, Kentucky Department for Environmental Protection
12:00 – 1:15 pm	LUNCH <i>(Forum J)</i>
12:15 – 12:30 pm	Lunch—IGNITE SESSIONS <ul style="list-style-type: none"> • Don’t Fence Me In: Creating Collaborative Groups that Cross Traditional Boundaries— <i>Herb Petitjean, Kentucky DEP</i> • Brownfield Successes Within the Golden Triangle Region of Mississippi— <i>John Hargraves, PM Environmental, Inc.</i>
12:30 – 1:00 pm	LUNCH—BUILD Act: All of your Questions Answered— <i>Barbara Alfano, EPA Region 4; Jerry Minor Gordon, EPA OBLR</i>
1:15 – 1:30 pm	BREAK IN EXHIBITOR FORUM

Session Time	BREAKOUT SESSIONS	
	Track A, Forum G Economic and Regulatory Sessions <i>Chip Crockett, Moderator</i>	Track B, Forum H-I Assessment and Remediation Sessions <i>Trey Noland, Moderator</i>
1:30 – 2:15 pm	Opportunity Zones: A Catalyst for Brownfields Redevelopment <i>Trey Hess, PPM Consultants, Inc.; Randall Minor, Maynard Cooper Gale Nan Baldwin, Birmingham Business Alliance</i>	The Ins and Outs of Vapor Intrusion <i>Willie McKercher, EarthCon; Crystal Collins, ADEM</i>
2:15 – 2:45 pm	Tapping into TAB: Free Assistance to Brownfield Communities— <i>Colette Santasieri, PhD, NJIT</i>	Multi-site Performance Review of Liquidated Carbon for Groundwater Treatment— <i>Chad Northington, REGENESES</i>
2:45 – 3:15 pm	Navigating Voluntary Cleanup Programs— <i>Ashley Meredith Strittmatter, Baker Donelson</i>	Incremental Sampling Methodology for Characterization of Soil at Brownfield Sites— <i>Christopher Bartley, Terracon</i>
3:15 – 3:30 pm	BREAK IN EXHIBITOR FORUM	
3:30 – 4:00 pm	Converting Brown into Green: Capitalizing on Brownfield Abatements in Alabama— <i>D. Bart Turner, KMCL</i>	Brownfield Success Story: Former Landfill in Ft. Myers, Florida— <i>William Burke, Geosyntec Consultants</i>
4:00 – 4:30 pm	Insurance Recovery: Additional Funding for Brownfields— <i>David Biss, Eisenstein Malanchuk LLP</i>	Environmental Compliance on Brownfield Industrial Demolition Projects— <i>Robert Rivera, P.E., ERM</i>
4:30 – 5:00 pm	ALBFA ANNUAL MEETING	
5:30 – 7:30 pm	ALBFA Networking Event—Westin Pool Terrace	
	Friday, September 28, 2018	
	ADEM SESSION (Forum K)	
8:00 – 9:45 am	ADEM Redevelopment Partnership Workshop	
9:45 – 10:00 am	BREAK IN EXHIBITOR FORUM	
10:00 – 11:45 am	ADEM Redevelopment Partnership Workshop (<i>continued</i>)	
12:00 pm	Adjourn	

Session Time	EPA Session Detailed Agenda September 26, Wednesday, 1:00 to 5:00 pm				
1:00	Join us in Fourm G for a Welcome from Bill Denman, Chief of the RCRA Cleanup and Brownfields Branch and Sonja B. Favors, ADEM Chief of the Redevelopment Section				
	Forum G			Forum H-I	
	New Grantee Workshop Open to all but for the purpose of providing tips to Grantees that are just getting started with managing an EPA Brownfields Grant			Hot Brownfields Topics From EPA and Partners Open to all and for attendees to choose their topic of interest. You only need join in on the sessions of your choosing. Most of the topics are for existing grantees.	
	Sessions	Speakers	Time	Sessions	Speakers
1:15	Lessons Learned: Getting started on your Grant	Bob Wilkerson, City of Dothan AL & Summer Alston, Durham, NC	1:15	The New Region 4 QAPP Toolkit for Brownfields Assessment Practitioners	Derek Street, EPA R4
2:00	Beyond Assessment	Gia Matheny, City of Hernando MS & Dr. E. Christian Wells, Director, Center for Brownfields Research, USF	1:30	ACRES RAU and Quarterly reporting for Existing Grantees	Kelly Gorini, EPA OBLR & Frank Gardner, EPA Region 1
2:45	EPA's Terms and Conditions, Site Eligibility, & ACRES	Steven Smith, Barbara Alfano, & Kelly Gorini, EPA	2:00	Grant Writing Tips for Potential FY19 Applicants	Elizabeth Limbrick, NJIT & Olga Perry, EPA R4
3:00	15 Minute break in the Exhibition Hall				
3:15	Motivating your Team and Making Changes for the Better	Mayor Sally Garland, City of Crystal Springs, MS & Ivan Groom, Manatee County, FL	3:15	Revitalization for Existing, Closing and Prior Grantees: A. Getting to Cleanup Completion—Certifying Completion B. EPA's Ready for Anticipated Use Measure C. Closeout Requirements D. Continuing your Program after the Grant Ends E. Leveraging data in ACRES beyond the Grant Period	Camilla Warren, Barbara Alfano, & Wanda Jennings, EPA R4
4:00	Case Studies—Getting to Cleanup and Redevelopment	Brian Beshara, Beshara Investment Group & Dayton L. Sherrouse, Director of the Augusta Canal Authority & National Heritage Area			
4:45	Meet and Greet Region 4 States	Shannon Ridley, GA, Herb Petijean, KY; Thomas Wallace, MS; Sally Cooley, FL; Robert Hodges, SC; Bruce Nicholson, NC; & Paula Middlebrooks, TN			
			4:45	Adjourn Early so Participants can join the State Meet and Greet in Forum G.	
5:00	Adjourn				

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Daily Programming and Events

Wednesday, September 26

EPA SESSIONS

Registration: 7:30 am–5:00 pm

Registration desk in Exhibitor Forum

Check-in at the registration desk for name tags, conference materials, and other information.

8:30–10:30 am Region 4 State/Tribal Coordinators Meeting (invitation only): Forum H

The annual EPA/State Brownfield Coordinator's session is open by invitation only. It will include roundtable discussions, competition and grant updates, budgets, and future 2019 Southeast Brownfields Conference planning. A specific session agenda will be provided to invited attendants in advance of the meeting.

10:30–10:45 pm BREAK (IN EXHIBITOR FORUM)

10:45–12:00 pm Region 4 State/Tribal Coordinators Meeting (invitation only) *continued*

12:00–1:00 pm Lunch

On your own. Options include two on-premise restaurants, and many others at the adjacent Uptown Complex (7 minute walk). Refer to later sections of this guide or your welcome packet for options.

1:00–4:45 pm New Grantees Workshop Forum G

The annual EPA new grantee workshop will provide recent recipients of EPA brownfield grants with the tools needed to understand their EPA cooperative agreement requirements, and will feature grant recipients as presenters. EPA project managers will also discuss a variety of topics specific to the grant terms and conditions. The material will be presented to the participants in an interactive and exciting format. Although this session is intended for new grantees, it is open to all as space allows.

Hot brownfield topics from EPA and Partners, Forum H-I

Primarily intended for existing grant recipients, this session will provide excellent information on getting the most of your brownfield program, as well as grant writing tips for 2019.

3:00–3:15 pm BREAK (IN EXHIBITOR FORUM)

4:45–5:00 pm State Meet and Greet (Forum G)

5:30–7:30 pm Brownfield Tour and Networking, Sloss Furnace/Back Forty Brewery

Please join us for a private tour at the Sloss Furnace National Historic Landmark, a former iron manufacturing plant redeveloped into a museum and event venue. A social will immediately follow at the adjacent Back Forty Brewery. The tour cost is \$10 per person (advance registration required), and hors d'oeuvres will be provided at the brewery (drinks on your own). The tour will begin at 5:30, and will last approximately 40 minutes. Walking shoes are encouraged for the tour.

The event is located at 20 32nd Street North Birmingham, Alabama 35222, approximately 10 minutes from the Sheraton Hotel by car. Parking is available at the event, or shuttles may be available between the venue and the hotel.

Thursday, September 27, 2018

MAIN CONFERENCE—MORNING SESSION Forum G-H-I

7:00–8:00 am Registration/Breakfast

8:00–8:15 am Welcome/Opening Remarks—Russ Griebel and Mike McCown, Alabama Brownfields Association; David Fleming, REV Birmingham

8:15–8:45 am Brownfield Funding Partnership, Steffanie Dorn, City of Greenwood, SC

The City of Greenwood obtained EPA Assessment Grants to assess and/or cleanup several former textile mill sites and a foundry that were eyesores in their City. Greenwood formed partnerships with many other entities to fund the safe and proper cleanup of one of the mill sites, make it developer-ready, and to complete market studies to encourage redevelopment. Greenwood also found funding sources to convert the former foundry into a park/greenspace. As the City's Finance Director and EPA Grant Manager, Ms. Dorn will provide insights on how to secure potential funding partners, and provide encouragement to other communities seeking to do the same.

8:45–9:15 am Small Town, Big Success, Michelle Brown, City of Wilson, NC; Brian Kvam, Cardno

The City of Wilson has been successful in securing three EPA brownfield grants since beginning their program in 2010. In addition, the City is the lead member of the Eastern NC Brownfield Coalition for the implementation of a Brownfield Cleanup Revolving Loan Fund (RLF). Wilson has effectively spurred major renaissance within its downtown core using EPA brownfield grants funds including development of live/work loft-style apartments, the Volis Simpson Whirligig Park, a brewery with tasting room, and rehabbed tobacco warehouse. Ms. Brown, a Planner and Botanist with the City along with Mr. Kvam (Senior Principals with CARDNO, consultant to the City), will explain how small communities have just as much potential to realize success from an active brownfield program as do larger cities.

9:15–9:45 am Former Tuscaloosa Chevrolet, Kenneth Bailey, P.E., TTL, Inc; William "Buddy" Cox, Esq., Bradley, LLP

Successful brownfield redevelopment projects often require strong partnerships between numerous parties working toward a common goal. Mr. Bailey, a Regional Manager at TTL, Inc., and Mr. Cox, a local environmental attorney with Bradley, will share a success story of one such project: redevelopment of an 8-acre former car dealership and radiator shop in Tuscaloosa, AL into the Riverfront Village Condominiums and Hotel Indigo. The project involved a cooperative partnership between the developer, the environmental consultant, environmental counsel, the ADEM Redevelopment team, and the ADEM UST Section team. Technical tasks included a Phase I and Phase II site assessment, closure of an active leaking UST system being managed under the UST trust fund and the prior owner, enrollment in the Voluntary Cleanup Program (VCP), removal of hydraulic lifts, remediation of impacted soil, installation of vapor barrier protections, and placement of environmental covenant on the property. Several rounds of financing were facilitated by the

inclusion of the development in the VCP program. This session will provide the audience with an excellent example of how strong partnerships can help navigate through the challenges associated with redevelopment of an environmentally impaired brownfield project.

9:45–10:15 am Gentrification and Brownfields: How do we Usher in Revitalization without Pushing People Out?
Elizabeth Limbrick,
NJIT TAB

Remediating and redeveloping sites should benefit the residents of the community, but often times, the very residents who suffered through the times of abandonment and disinvestment are pushed (and priced) out once an area is cleaned up and redeveloped. This session will discuss how brownfield redevelopment can incorporate the principles of equitable development into the cleanup and redevelopment of brownfields. These principles can usher in neighborhood improvement without displacing longtime residents, to alleviate the negative effects of gentrification. Ms. Limbrick, Project Manager with the with New Jersey Institute of Technology (EPA Technical Assistance to Brownfields grant recipient) will help the audience understand equitable development principles and specific strategies to alleviate the negative effects of gentrification.

10:15–10:30 am BREAK (IN EXHIBITOR FORUM)

**10:30–11:00 am Reshaping Perspectives—
Mobile Manufactured Gas Plant: Assessment,
Remediation & Community Mitigation Project,**
Albert G. Edwards, CERM, LLC

Albert Edwards, Managing Director of consulting firm CERM, LLC, will provide insight into how a gas utility company engaged and addressed community health and environmental concerns during the remediation of a former 10-acre manufactured gas plant location in downtown Mobile, AL. A customized Community Mitigation Strategy was developed and implemented to engage, educate, and gain support from the public and stakeholders at every level of the project. The strategy included close coordination with corporate representatives, elected officials, community advocates, environmental professionals, housing officials, economic development partners, education entities, and business partners to define the affected project area; develop focus groups and advocates; engage stakeholders early; engage subject matter experts; use quantitative methods to assess values and attitudes; and identify underutilized programs in the affected area. Attendees will learn how empathy, inclusion and collaboration are powerful facilitation tools for building stakeholder consensus and advocacy; as well as the importance of implementing an integrated public engagement plan to promote awareness and understanding of the challenges and benefits of community redevelopment projects.

11:00–11:30 am Modern Strategies for Effective Community Engagement, MaKara Rumley, Hummingbird

Engaging with communities is a social science that requires a strategic and technical approach to ensure success. There are a myriad of traditional strategies, such as town hall and public meetings that are used to inform and engage impacted communities. However, with the pace of life only getting faster, digital and other communication approaches should be added to the engagement toolbox to modernize our interaction. MaKara Rumley, CEO of community engagement consulting firm Hummingbird, will present these strategies

and explain when and how to use them. Attendees will leave with a better understanding of the need for proactive community engagement, additional tools, and how these approaches can benefit their time schedule, reputation, and company goodwill.

11:30–12:00 pm Social ReMEDiation, Elizabeth McNulty,
Kentucky Department for Environmental Protection

Ms. McNulty, Environmental Education Specialist with the KDEP will highlight simple ways to present brownfield redevelopment work and market projects for community education and engagement. Attendees will learn how to create simple and professional marketing materials using free applications and understand how to use ESRI ArcGIS to tell their brownfield story.

12:00–1:15 pm LUNCH/IGNITE SESSIONS
Forum J

12:15–12:30 pm IGNITE SESSIONS

- *Don't Fence Me In: Creating Collaborative Groups that Cross Traditional Boundaries;* Herb Petitjean, Kentucky Department for Environmental Protection

Central Appalachia has unique challenges. This presentation will describe how Central Appalachian brownfield practitioners have reached across state lines and EPA Regional boundaries to share their experiences in addressing these problems. Attendees will be encouraged to consider their own issues and to create collaborative groups that meet their specific needs by bridging geographic, administrative and disciplinary boundaries.

- *Brownfield Successes Within the Golden Triangle Region of Mississippi;* John Hargraves, PM Environmental, Inc.

The Golden Triangle region of Mississippi (primary cities of Columbus, Starkville, and West Point) has received multiple EPA assessment and cleanup grants in the last 6 years. Success from this funding, in conjunction with other state and federal tax credits and other funding, will be highlighted. Attendees will learn how multiple grants can be leveraged, along with other funding to bring multiple successes into a regional vision.

12:30–1:00 pm LUNCH–BUILD Act: All of your Questions Answered; Barbara Alfano,
EPA Region 4, Jerry Minor Gordon, EPA OBLR

In March 2018, the federal government enacted the Better Utilization of Investments Leading to Development (BUILD) Act, the first major piece of brownfields legislation created in 16 years. This Act created new opportunities for communities and brownfield grant recipients, and Barbara Alfano, EPA Region 4 Brownfields Coordinator, and Jerry Minor Gordon will explain what these changes mean and how the EPA will implement the new BUILD Act provisions.

1:15–1:30 pm BREAK (IN EXHIBITOR FORUM)

BREAKOUT SESSIONS

Track A: Economic and Regulatory Sessions Moderator, Chip Crockett, ADEM, Forum G

1:30–2:15 pm Opportunity Zones: A Catalyst for Brownfields Redevelopment; Trey Hess, PPM Consultants, Inc.; Randall Minor, Maynard Cooper Gale; Nan Baldwin, Birmingham Business Alliance

The 2017 “Tax Cuts and Jobs Act” created a new community development program aimed at encouraging long-term private capital investment in America’s low-income urban and rural communities. In March 2018, Alabama nominated 158 population census tracts to Opportunity Zones in the State. The Opportunity Zones program provides three scalable tax incentives for investors to re-invest their unrealized capital gains into Opportunity Funds dedicated to investing in distressed communities. A diverse panel has been assembled to explain what constitutes an Opportunity Zone, who calls them home, the types of investment and revitalization opportunities that are available, and what cities, philanthropies, advocates, and the private sector can do now to take advantage of them.

2:15–2:45 pm Tapping into TAB: Free Assistance to Brownfield Communities; Colette Santasieri, PhD, New Jersey Institute of Technology (NJIT)

Are you struggling to turn your brownfield sites into community assets? Could you use a helping hand? The EPA has designated the NJIT as the Technical Assistance to Brownfields Communities (TAB) provider for the southeastern states to help. Colette Santasieri, Executive Director of Policy and Planning Innovation for Civil Infrastructure and Environment at NJIT will show attendees how state, regional, tribal, and local government entities, and nonprofits can receive FREE technical assistance from NJIT to learn about, identify, assess, clean up, and redevelop their brownfield sites. Success stories from other communities who have benefited from the TAB program will be shared with attendees.

2:45–3:15 pm Navigating Voluntary Cleanup Program, Ashley Meredith Strittmatter, Baker Donelson

Throughout the EPA Region 4 states, various voluntary cleanup programs are utilized to help those redeveloping brownfield sites achieve their potential. Ashley Meredith Strittmatter, an environmental attorney with Baker Donelson in Knoxville, TN, will share common aspects of these programs, provide ideas on navigating them, and present tips for avoiding obstacles that can trip up the process. Specific details of programs will be discussed along with case studies.

3:15–3:30 pm BREAK (IN EXHIBITOR FORUM)

3:30–4:00 pm Converting Brown into Green: Capitalizing on Brownfield Abatements in Alabama; D. Bart Turner, Kazmarek Mowrey Cloud Laseter LLP (KMCL)

While most environmental practitioners are familiar with the Voluntary Cleanup (“Brownfields”) Program and its regulatory protections and benefits, few are as familiar with the Brownfield Abatements that are available for eligible projects under The Brownfield Development Tax Abatement Act (Chapter 9, Title 40, Code of Alabama 1975). Often times, these available incentives can tip the financial

scales to enhance project viability and offset remedial expenses. However, few developers and brownfield participants are aware of these incentives and neglect to take advantage of them. D. Bart Turner, a Birmingham-based environmental attorney with KMCL, will lead a discussion addressing project qualifications for eligibility, practical considerations of placing a project into service, the capital improvement requirements, and related procedures that must be followed. Attendees will leave with an appreciation of available brownfields redevelopment incentives, and the timing process for pursuing such abatements.

4:00–4:30 pm Insurance Recovery: Additional Funding for Brownfields, David Biss, Eisenstein Malanchuk LLP

The economic reality of paying for remediation of contaminated sites can pose financial strains on budgets, and organizations often find themselves looking for creative ways to finance remediation and redevelopment. David Biss, a principal with Eisenstein Malanchuk LLP will present a frequently overlooked way of offsetting the budgetary burdens of redeveloping contaminated property: insurance recovery from historic (1940s through the 1980s), ordinary liability insurance policies. Ignoring such insurance and focusing only on grants and loans potentially leaves significant amounts of redevelopment money on the table. Mr. Biss will describe the methods that organizations and developers may use to recover from such policies to minimize the financial stress incurred when remediating and redeveloping brownfields. The session will include an overview of how various entities have used historic insurance to offset the cost of remediating contaminated property.

Track B: Assessment and Remediation Sessions Moderator: Trey Noland, Trek EC, Forum H-I

1:30–2:15 pm The Ins and Outs of Vapor Intrusion; Willie McKercher, EarthCon; Crystal Collins, Alabama Department of Environmental Management

Vapors from volatile organic compounds (VOCs) in soil and/or groundwater can enter buildings through cracks, joints, and other openings creating possible health hazards for the occupants. Research efforts and field investigations over the last 20 years have improved our understanding of vapor intrusion processes, including the role of preferential pathways and natural barriers to vapor intrusion. The regulatory environment has evolved as well, and Willie McKercher, a consultant with EarthCon and Crystal Collins of ADEM’s Redevelopment Section will lead an introductory discussion of the field techniques outlined in the Interstate Technology and Regulatory Council (ITRC) 2007 Vapor Intrusion guidance document and the 2014 Petroleum Vapor Intrusion guidance documents. They will provide a basic understanding of what vapors are, where they may originate, and the various ways to conduct investigations and mitigate potential issues. Attendees will leave with a better understanding of how to evaluate the vapor intrusion pathway, available remedial techniques, and regulatory obligations.

2:15–2:45 pm Multi-site Performance Review of Liquidated Carbon for Groundwater Treatment; Chad Northington, REGENESIS

There is growing interest in the use of carbon injectables to expedite groundwater cleanup through coupling contaminant destruction with sorption. While the theoretical benefits of implementing

such new technologies are recognized, there is a natural caution among experienced remediation practitioners regarding practical application. Questions regarding adequate subsurface distribution, applicability in low-permeability or heterogeneous formations, and short and long term performance frequently arise, and this session will examine case studies that address these concerns. Chad Northington, Southeast District Technical Manager with REGENESIS, will share data from more than 20 different field applications where liquidated carbon was used to address chlorinated solvent and hydrocarbon impact in a variety of geological settings within both the United States and Europe. Attendees will leave with a good understanding of how carbon injectables are used to deliver fast groundwater cleanup through coupling contaminant destruction with sorption.

2:45–3:15 pm Incremental Sampling Methodology for Characterization of Soil at Brownfield Sites, Christopher Bartley, Terracon

“Traditional” discrete soil sampling can be burdensome for brownfields redevelopment projects because discrete samples are often not representative of true site conditions. How often has a soil sample from an initial phase of assessment demonstrated one result, then later phases of assessment failed to confirm the initial result? The time and funding lost to “chasing” non-representative samples can often set redevelopment projects back significantly. How can we limit non-representative data and be more confident that we are making the correct site management decisions? Christopher Bartley, an Environmental Scientist with Terracon, will explain how Incremental Sampling Methodology (ISM) offers a modern, efficient tool for soils evaluation to limit errors in the site management decision-making process. This session present the ISM sample theory, and demonstrate its application at a brownfields site with widespread PCB and lead impacts. Attendees will leave with a better understanding of the limitations of discrete soil sampling and how to identify sites that could benefit from the approach.

3:15–3:30 pm BREAK (IN EXHIBITOR FORUM)

3:30–4:00 pm Brownfield Success Story: Former Landfill in Ft. Myers, Florida; William Burke, P.G., Geosyntec Consultants

Successful navigation of complex sites through a brownfields program can be multi-faceted. William Burke, a Project Geologist with Geosyntec Consultants, will share an interesting brownfield success story completed by his firm at a former municipal incinerator waste landfill with known soil and groundwater impacts which was being considered for acquisition and commercial development. Tasks completed included environmental due diligence; identification of Site constituents of concern (COC); evaluation of the presence, extent, and depths of the ash/waste in the subsurface; soil vapor screening for the presence of methane gas; completion of a geotechnical investigation in support of Site development; assistance in evaluating candidate stormwater system locations; site assessment; and preparation of waste relocation, soil management, and dewatering plans for submission to regulatory agencies. Attendees will learn how efforts to limit the number of COCs requiring investigation and cleanup along with development of a streamlined approach can help minimize assessment costs and decrease the time required for redevelopment.

4:00–4:30 pm Environmental Compliance on Brownfield Industrial Demolition Projects; Robert Rivera, P.E., ERM

Brownfield projects often include demolition of existing industrial buildings/complexes. In this session, Robert Rivera, Technical Director with ERM, will briefly summarize aspects of industrial building demolition and associated environmental impacts familiar to most attendees, and then go beyond to focus on the potential scope, cost and schedule impacts of key environmental compliance issues, asbestos and PCBs that arise in most industrial demolition. Failure to recognize, plan, and implement strategies to address and remediate such issues can lengthen the project schedule, and if not realized until later in the project, negatively impact the funding, schedule and overall success of the remediation and potential redevelopment. Case studies and photos will be presented to clearly illustrate the scope, impact and scale of these issues on various projects.

4:30–5:00 pm ALBFA ANNUAL MEETING

As a registrant at the Southeast Brownfield Conference you have received annual membership in the ALBFA. The 2018 Southeast Brownfield Conference will include ALBFA's first Annual Business Meeting. In accordance with the Association's by-laws, elections of Officers and Directors for whose terms have expired shall be held at each Annual Business Meeting. Please visit www.albfa.org/2018-elections for complete information about this year's elections.

5:30–7:00 pm ALBFA Networking Event–Westin Pool Terrace

Please join us at the Alabama Brownfields Association (ALBFA) networking social on the Westin Pool Terrace on Thursday, September 27 from 5:30–7:00 pm. The Westin is adjacent to the Sheraton, and the Pool Terrace is accessible by covered hallway.

Friday, September 28, 2018

ADEM SESSION 8 am–Noon, Forum K

8:00–9:45 am ADEM Redevelopment Partnership Workshop

This workshop will provide an opportunity for municipalities and non-profits to engage with various Brownfield partners in an effort to strengthen redevelopment in their communities. Participants will have one on one sessions with grant writing professionals, financial partners, and other redevelopment experts to discuss their city vision and create a possible path to sustainable revitalization.

9:45–10:00 am BREAK (IN EXHIBITOR FORUM)

10:00–11:45 am ADEM Redevelopment Partnership Workshop (continued)

12:00 pm Adjourn

About the Alabama Brownfields Association

The ALBFA is a non-profit advocacy and educational group formed to promote redevelopment of brownfield sites throughout the State of Alabama. The mission of the Association is to promote the redevelopment of underutilized brownfield properties throughout the State in an effort to improve the environment and stimulate economic development. As a strategic partner, the Association will assist both the public and private sectors in promoting economic revitalization, land reuse, conservation, restoration, remediation, financial and regulatory incentives, legislative advocacy and education. The Association's primary purpose is to be a resource around the subject of brownfield redevelopment to assist with community outreach and education allowing the State, as a whole, to be a good steward of its real estate resources. As outlined in our Association bylaws our objectives are:

- To establish an organization with a diverse membership of professionals (i.e. environmental, real estate, government, and legal) and governmental leadership with a complimentary base of knowledge;
- To collaborate with other regional and national organizations with interests in Brownfield redevelopment;
- To provide educational opportunities for those interested in Brownfield redevelopment around topics like development incentives, public and private funding, legal considerations, community involvement, real estate opportunities, developer perspectives, transactional elements, and regulatory requirements;
- To facilitate open lines of communication between private and public Brownfield stakeholders;
- To be the State's primary Brownfield knowledge repository and educational resource; and
- To promote legislation and regulations that will make a positive impact on Brownfield redevelopment in the State.

Why Join the ALBFA?

The ALBFA allows members a unique opportunity to collaborate with professionals from both the public and private sector that are active in brownfield redevelopment. You will learn about local and national industry trends, funding opportunities, and strategies used by others to overcome the regulatory, financial, marketing, and health issues associated with revitalization projects. Other benefits include:

- **Networking opportunities.** Members establish solid business and social contacts with others in the brownfield arena, uncovering opportunities for all.
- **Access to experts.** The ALBFA has a diverse membership that draws from every discipline in the brownfield redevelopment community. Developers, regulatory agencies, environmental consultants, attorneys, insurance companies, financial institutions, educational institutions and community organizations and advocates share their expertise in a collaborative environment at meetings, workshops, and conferences.
- **Regulatory advocacy.** ALBFA Legislative and Technical Committees actively engage with state and federal legislators and rule makers on a wide variety of topics related to brownfield redevelopment, thus helping guide the establishment of effective policies and regulations that allow redevelopment to thrive.
- **Opportunity to contribute your expertise.** Members are encouraged to share their expertise at educational functions, which provides excellent exposure for you and your organization.
- **Professional Development Hours (PDH)/Continuing Education Credits.** Many of our technical sessions may qualify for continuing education credits required by most professional registrations.
- **Taking part in improving the environment and our communities.** Members can take pride in knowing they are helping to remove blight, clean the environment, create jobs, and improve the health and welfare of the communities in which we live.

A Special Thanks to the ALBFA Founding Committee!

Without the dedication and hard work of the initial Founding Committee members, the Association would not have been possible. The Association would like to thank each of its Founding Committee members as well as the organizations they represent. Many thanks!

Nan Baldwin
Birmingham Business
Alliance

Steven Burns
Balch & Bingham LLP

Michael Carpenter
BLOC Global

William W. Cooch
Highland Technical Services, Inc.

Ronald Farley
Burr Forman

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South City Partners is a fully integrated multi-family development company focused on creating extraordinary residences in distinctive communities while providing our partners with solid returns. It is this philosophy of teamwork that is at the core of each successful project. A well-executed project can only happen when the principals have developed a deep understanding of the market dynamics, identified a great site, selected the right design professionals and contractors, brought in knowledgeable investors and lenders and then developed a concise road map and schedule for everyone to follow. South City Partners has completed many successful Brown-field redevelopment projects across the Southeast, including multiple projects in Alabama.

Terracon Consultants, Inc.

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Terracon, a national leader in Brownfields work, provides extensive technical expertise through our core services (environmental, facilities, geotechnical and materials). Terracon has more than 20 years of continuous EPA Brownfield grant project experience. The Brownfields projects we work on benefit from our nationwide presence enabling us to share information between EPA regions and our local offices. Our culture, systems, and structure enable us to excel at both small and large projects. By combining our national resources with specific local expertise, we consistently overcome obstacles and deliver the results our clients expect.

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Green Rock Strategies is an environmental services company providing strategic, sustainable waste solutions, including the management of hazardous and nonhazardous waste streams, for customers in all areas of government and the private sector. Based in Charleston, South Carolina, Green Rock has the capacity to serve clients nationwide. With decades of experience and deep industry expertise, we provide foundational support for managing our clients' waste, with a focus on creating solutions that are not only cost effective and dependable, but sustainable and environmentally safe.

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S&ME Inc.

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At S&ME, safety, sustainability, and quality are our guiding principles. We are an ENR Top 100 firm with national reach and expertise in engineering, design, environmental sciences, and construction services. We work in the industrial, government, facilities, commercial, landfill, energy, and transportation industries, and are experts at navigating complexity of every description, from adverse land and soil conditions, to compliance and regulatory issues. With over 35 locations throughout the Southeast and Midwest, our 1,100-person corporation offers practical solutions to Brownfield redevelopment opportunities.

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Founded in Tuscaloosa, Alabama over 50 years ago, TTL, Inc. (TTL) is an engineering consulting firm that provides our clients with value-added solutions to project challenges across the environmental, geotechnical engineering, civil engineering, natural resources, construction materials testing, and surveying service lines. TTL currently employs 350 engineers, scientists, technicians and support personnel across nine offices in Alabama, Georgia, Tennessee and Texas.

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BFA Environmental is a utility engineering, hydrogeological, surveying and mapping firm. Our services include contamination assessment/remediation; solid and hazardous waste management; water supply wellfield development; water resources management and environmental permitting; disaster debris removal management, water, wastewater and reuse engineering/master planning. Also, as an African-American owned firm, we pride ourselves in the work we do for minority communities. We are leaders in the Environmental Justice movement and founders of Limitless Vistas, Inc., a non-profit inner-city based Environmental Conservation Corps/ Job Training Program. BFA was established in 1994 with its main headquarters in Orlando and satellite offices in Miami, Birmingham and New Orleans.

UA SafeState

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UA SafeState Environmental Programs provides environmental training, compliance assistance, and sustainability support for industrial, commercial, residential and municipal environments.

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Bradley LLP's Environmental Law Group includes attorneys with experience in handling a variety of regulatory, transactional, and litigation matters under the complex statutory and regulatory regime governing our clients' operations and activities. Our attorneys have successfully resolved complex issues associated with environmental compliance, corporate and real estate transactions, brownfield redevelopment, remediation, natural resource damages, and personal injury and real property damage lawsuits. Using a hands-on approach in responding to environmental issues, Bradley seeks

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Highland Technical Services is more than an environmental and geosciences consulting firm. We're a relationship and solutions company. Our approach to serving clients starts with investing the time required to fully understand the clients' needs and expectations. It's how we use our technical skills to offer clients the most practical, technically defensible and cost-effective support possible.

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Matrix Environmental Services, LLC is a client-focused nationally recognized environmental consulting firm providing creative and timely solutions to today's most important challenges affecting human health and the environment. We are an employee-owned company and wholly owned subsidiary of Matrix Design Group, Inc., a full-service consulting engineering firm. The combined technical expertise of Matrix ensures an integrated approach to solving individual issues unique to each project with the appropriate level of investigation and remediation to meet our clients' objectives.

Pine Environmental

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Pine is the leading provider of rental equipment in the nation for Environmental Monitoring Equipment, Sampling and Safety Supplies, Non-Destructive Testing and Visual Inspection Instruments, as well as Continuous Emissions Monitoring (CEMS) Equipment and EPA Protocol Gases. A large stock of rental equipment is in our warehouses across North America at all times with the latest models available.

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PM Environmental is an environmental risk expert focused on business-minded solutions. We have over 25 years of experience in consulting and managing a wide variety of environmental, engineering, industrial hygiene, energy and development projects. Environmental Risk Management aspects include PFAS inspections, Brownfield work, normal Phase Is & Phase IIs & Phase IIIs and Property Condition Assessments (PCAs) to name but a few.

Walker-Hill Environmental, Inc.

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Walker-Hill Environmental, Inc. (WHE) is a privately held remediation and environmental drilling service firm with offices in Foxworth, Mississippi, Milton, Florida and Walker, Louisiana. Since the 1990s, WHE has been providing quality remediation construction, CPT, Sonic, and Geoprobe drilling services to private sector clients, as well as local, state, and federal governmental agencies. Since its inception, WHE has built a solid reputation for providing quality services and technical excellence in the remediation and environmental drilling services arena.

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EarthCon Consultants, Inc. is a privately held environmental engineering, consulting and remediation firm with a significant wealth of experience in the southeastern US. EarthCon's professionals have the Brownfields expertise and project experience to help you address the full range of complex redevelopment issues you may face. Our firm has more than 20 years of experience working with federal and state regulatory agencies and has facilitated Brownfield redevelopment projects throughout the country. Our headquarters are located in Marietta, GA, but EarthCon has 15 locations nationally to serve the needs of our clients.

EnSafe

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EnSafe brings 38 years of leadership in engineering, environmental, health & safety, and technology consulting services for government and commercial clients. Our teams use creative and strategic methods to tailor successful solutions for the wide variety of unique challenges our clients face. We have presented or advised on multiple Brownfields-related councils, abstracts and training sessions, and as a result, are recognized on a national level as Brownfields experts. EnSafe operates 29 office and satellite locations coast-to-coast across the U.S.

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William Burke
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Pace Analytical Services, LLC is a privately held, industry-leading sampling and analytical testing firm. Pace provides analytical lab solutions for testing, staffing and equipment, with a wide scope of services. With a nationwide network of 32 environmental laborato-

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PPM Consultants, Inc.

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PPM offers a broad range of environmental capabilities to business, industry and government. We've earned our clients' trust by delivering results and consistently exceeding their expectations. Consequently, we've become one of the leading environmental consulting and engineering firms in the Southeast. PPM provides environmental solutions that lower costs, decrease liabilities, and allow our clients to get back to focusing on their core business.

REGENESIS

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REGENESIS is a global leader in proven, cost-effective environmental technologies for the remediation of contaminated sites. Gasoline, diesel fuel, jet fuels, heat oil, and industrial solvents impact the subsurface as a result of spills, leaks, and/or poor disposal practices. With over 26,000 product applications in 26 countries worldwide, REGENESIS leads the industry in developing, manufacturing and supporting a wide range of integrated solutions that can be applied directly into soil and groundwater. Specific to the area of vapor intrusion mitigation, Land Science, a division of REGENESIS, provides a range of proven technologies and systems to address this growing environmental concern. REGENESIS technologies take a scientific approach to solving a broad range of environmental concerns. Visit www.REGENESIS.com

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At S&ME, safety, sustainability, and quality are our guiding principles. We are an ENR Top 100 firm with national reach and expertise in engineering, design, environmental sciences, and construction services. We work in the industrial, government, facilities, commercial, landfill, energy, and transportation industries, and are experts at navigating complexity of every description, from adverse land and soil conditions, to compliance and regulatory issues. With over 35 locations throughout the Southeast and Midwest, our 1,100-person corporation offers practical solutions to Brownfield redevelopment opportunities.

Spectrum Environmental, Inc.

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Spectrum Environmental, Inc., is a multi-faceted environmental consulting firm providing assessment/ remediation, stormwater, and natural resource services to various private and public entities. Spectrum's staff of environmental professionals and scientists have more than 30 years of experience helping guide our clients through various State and Federal regulatory programs. With corporate offices located in Alabaster, Alabama, we also staff offices in the Gulf Coast, Atlanta, Georgia, and Nashville, Tennessee with the goal of providing solutions to our clients' environmental challenges.

Total Vapor Solutions

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jimfineis@atlas-geo.com

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Total Vapor Solutions assists in all aspects of vapor intrusion investigation. Services include work plan writing, sub-slab soil gas sampling, near- slab soil gas sampling and indoor air assessments. Additionally, services include VI risk assessments and vapor mitigation system design and installation.

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Russell Griebel, PG, CPG

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United Consulting is a regional multi-discipline engineering consulting firm based in Norcross, Georgia, specializing in environmental services, geotechnical engineering, geophysical services, subsurface utility engineering, and special inspections and materials testing services. Incorporated in 1990 in Georgia, United Consulting has grown to more than 120 employees, including over 20 professionally registered engineers and geologists, allowing the firm to successfully execute the biggest and most complex projects in the Southeast. Because of our dedicated staff, we are able to provide experienced and professional engineering and environmental services and value engineering. Every project we approach is with the philosophy that the client's needs and concerns are the reasons we are in business.

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Our experience and technical expertise afford early collaboration with project stakeholders, devising an approach that will achieve compliance under the tight constraints of Brownfields Projects. We offer technology alternatives analysis, selection and design assistance; fabrication & installation site work (mechanical, controls, automation, concrete); operation & maintenance, and troubleshooting of legacy systems. We have deep expertise with In-situ technologies for both groundwater and soil remediation: chemical oxidation and reduction on chlorinated solvent sites; reactive barriers, pump and treat systems, oxygen and ozone injection.

Speaker Bios (in order of appearance)

EPA SESSIONS—Wednesday Afternoon

Bob Wilkerson

Long Range Planner for the City of Dothan, Alabama

He is responsible for the development of plan documents and corresponding policies that impact the future growth and development of the City. Bob's prior professional experience includes private sector consulting in the areas of planning and design addressing sustainable methods for redevelopment of urban properties and brownfields. Bob holds three degrees from Auburn University; a Master of Landscape Architecture, and B.S., Environmental Design from Auburn's College of Architecture Design and Construction and a B.B.A., in Business Administration from Auburn's Harbert School of Business.

Summer S. Alston

Senior Economic Development Coordinator City of Durham's Office and Economic and Workforce Development

Summer seeks to maximize the ways in which the private and public sectors collaborate to make Durham a resilient community and a model for the region and beyond. She has served the City of Durham since 2014. Summer has held past positions with Greenfire Development, the North Carolina Department of Commerce, and Duke University. A Tar Heel through and through, Summer holds a Master's Degree in Planning, and a Bachelor's Degree in History from The University of North Carolina at Chapel Hill.

Gia Matheny

Community and Economic Development Director City of Hernando

Her primary focus is to improve the quality of life for residents of the city and look for opportunities that create and enhance a safe, livable and vibrant community for its residents, businesses and visitors. Gia manages many projects that enhance the overall health of the community while improving the local economy, including the city's 2nd EPA Brownfields Assessment grant, the largest farmers market in the state and USDA Farmers Market Promotion Program grant, and most recently the an addition of a new 1.73 mile multi-use trail and pump track at the city's new Renasant Park.

Dr. Christian Wells

Professor of Anthropology and Director of the Center for Brownfields Research and Redevelopment at the University of South Florida

He has served previously as Founding Director of the Office of Sustainability and as Deputy Director of the College of Global Sustainability. He is an applied environmental anthropologist and conducts research on environmental justice issues in the context of sustainable and equitable development. He has published over 100 scientific articles and essays and his work has been featured by various media outlets including The New York Times and New Scientist. He received the Sierra Club of Tampa's 'Black Bear Award' in recognition of outstanding dedication to sustainability and the environment.

Mayor Sally Garland

Mayor, City of Crystal Springs, Mississippi

Ms. Garland was the first woman elected mayor in the 153-year history of the City of Crystal Springs, Mississippi. She headed the parks and recreation department for 15 years before winning the mayor's seat. It was her first run for public office. Crystal Springs has about 6000 residents. She graduated Summa Cum Laude with a Bachelor of Science degree in Business Administration, Management and Operations from Belhaven University.

Ivan Groom

Redevelopment Coordinator Redevelopment and Economic Opportunity Department of Manatee County Florida

The department was created to focus County efforts on redevelopment of the older more urban areas of Manatee County as well as county-wide economic and community development programs. Ivan coordinates the current \$500,000 Brownfields coalition assessment grant program, and was part of the prior \$1million coalition grant involving 7 jurisdictions. He has been with Manatee County for 11 years, after 28 years in the Northern Mariana Islands, 5 years in Sacramento, 4 at Ohio State and 18 years growing up, luckily some in Canada. He's happily married, has a son just graduated from University South Florida and gainfully employed, and a daughter who will graduate USF in 3 months, 12 days, and 17...16...minutes, probably summa justa bout everything. Ivan's wife is a machinist and welder who makes football field size LNG heat exchangers.

Brian Beshara

Local Entrepreneur

Brian Beshara is a local entrepreneur, a managing partner of the Beshara Investment Group and an owner of the local Roots & Revelry Restaurant situated at the Thomas Jefferson Tower (Birmingham). This former historic 1929-era hotel was purchased by Brian's investment group (2013) and was successfully renovated with \$30M, thanks to leveraging of historic tax credit programs and other resources. It now has 96 apartments for contemporary city living and mixed use. Brian is known to many as former basketball coach/player (LSU and the Lebanese National Team) and has aided the U.S. EPA over the years, by sharing revitalization concepts to community-based audiences.

Dayton L. Sherrouse

Executive Director Augusta Canal Authority and the Augusta Canal National Heritage Area

Mr. Sherrouse has served in this role since 1998. Prior to joining the Augusta Canal Authority, Mr. Sherrouse was the President of Planning, Research & Management Associates, a Georgia planning firm. He has also served as the Executive Vice-President of Augusta Tomorrow, Inc.; County Administrator for the Richmond County Board of Commissioners; and Executive Director for the Augusta-Richmond County Planning Commission. He received his Bachelor's and Master's degree in from Florida State University. Mr. Sherrouse currently is involved with the environmental remediation and redevelopment of two abandoned 19th century textile mills with approximately one million square feet.

Wanda Jennings
Environmental Engineer
EPA Region 4 Brownfields Program

Wanda has over eighteen years of work experience in reviewing, evaluating and managing environmental assessment and cleanup activities at contaminated sites. Wanda served as the region's Brownfields Revolving Loan Fund Coordinator for 16 years. She has served as acting Section Chiefs for Water Division in the Grants and Infrastructure Section and for the Brownfields Program Section. In addition to Brownfields Project Manager/Officer, she also manages the Branch budget and liaisons for the Division on all grant related issues. Wanda also spent 15 years with the U.S. Army Corps of Engineers. Wanda lives in Stone Mountain, with her husband, Larry. They have two kids, Ryan and Toni. She is extremely passionate about the New Orleans Saints (Who Dat!) and loves line dancing. She holds Bachelor of Science degrees in Civil Engineering from Mississippi State University and Mathematics from Jackson State University.

Kelly Gorini
Assessment, Cleanup, and Redevelopment Exchange System (ACRES) Lead Office of Brownfields and Land Revitalization

Kelly came to OBLR after 3 years at EPA's Region 9 Office in San Francisco, where she was a RCRA State Project Officer. Prior to that, she was part of EPA's Pollution Prevention Division, where her work focused on environmentally preferable products. Kelly has Bachelors in Environmental Biology from the University of Dayton, and a Masters of Public Affairs in Environmental and Natural Resource Management from Indiana University's School of Public and Environmental Affairs.

Derek Street
EPA Brownfield and RLF State Lead
State of Georgia

Derek has been with the Agency for almost two years and previously worked in the private sector as a geologist. He has master's degrees in both hydrogeology and urban planning from the University of Tennessee Knoxville.

Olga Oliver Perry
Senior Brownfields Project Brownfields Manager
EPA Region 4

Olga is a Physical Scientist has been with the EPA for over 28 years. She is a Senior Brownfields Project Brownfields Manager and she serves as the EPA Brownfields Coordinator for the State of Tennessee, the State of Alabama as well as the Brownfield Tribal Coordinator for Region 4.

Steven Smith
Brownfields Program
EPA Region 4

After receiving a degree from Clemson University in Civil Engineering, Steve Smith worked as a consultant in geotechnical engineering, construction quality assurance, and environmental engineering on a wide range of projects. Since coming to EPA in 1997, Steve spent nine years with RCRA permitting and corrective action before moving into sustainable materials management.

Camilla Warren
EPA Region 4 Southeast Brownfields Revitalization
Project Manager

Camilla is the go-to person on brownfields revitalization, brownfields real estate transactions, and various public health related brownfields concerns throughout the Southeast. Camilla specializes in developing interdisciplinary teams of Federal Agencies, Economic Development specialists, and local "collaborators" in developing community revitalization options for SE communities.

Frank Gardner
Brownfields Coordinator
EPA Region 1

Frank manages a portfolio of approximately \$115M in EPA Brownfields grants and coordinates program activities with the state environmental agency partners and other stakeholders within the six New England states. Frank also serves as the Regional Data Coordinator for EPA's efforts to measure and track assessment, cleanup, and redevelopment successes at project sites receiving EPA funding. Frank previously worked at EPA as an On-Scene Coordinator in the Emergency Response Program, a RCRA Corrective Action Project Manager at EPA Region 9, and in the private sector as an engineering consultant.

Jerry Minor-Gordon
National Program Coordinator for the Multipurpose, Assessment, Revolving Loan Fund, and Cleanup (MARC) Programs and the Targeted Brownfields Assessment Program
EPA Office of Brownfields and Land Revitalization

In this capacity, Jerry is responsible for coordinating the MARC grant competitions and providing guidance and support to EPA regional brownfields offices. Prior to joining OBLR, Jerry worked in EPA Region 1 - New England as a Brownfields Project Officer and coordinated the regional grant competitions. Jerry earned a Master of Public Health degree from Boston University and a Bachelor of Science in chemistry from Spelman College in Atlanta, Georgia.

MAIN CONFERENCE—Thursday Morning

David Fleming
Chief Executive Officer
REV Birmingham

David is the President and Chief Executive Officer of REV Birmingham, an economic development organization whose mission is to create vibrant commercial districts by filling vacant spaces and growing sustainable businesses. REV fuels commercial vitality through proactive business recruitment and retention activities, and by encouraging private and public investments that support economic growth citywide. REV's initiatives generate positive results for partners, enhance tax revenue, generate and sustain jobs, increase tourism and positively influence perceptions about the City of Birmingham. David is a native of the Birmingham area and has a bachelor's degree in arts and history from Samford University and a master's in public/private management at Birmingham-Southern College. He worked as a development manager for Sloss Real Estate, served on the congressional staff of Representative Spencer Bachus, started Main Street Birmingham (MSB) in 2004, and, in 2012, helped merge Operation New Birmingham (ONB) and MSB into REV Birmingham. David has a passion for seeing Birmingham revitalized, and is a recognized leader in these efforts.

Michelle Brown
Senior Planner
City of Wilson, NC

Ms. Brown serves the City of Wilson as a Senior Planner in their Planning & Community Revitalization Department. Her duties include managing the City's Brownfield Program for the past 7 years. She has been directly involved in developing and administering three EPA Brownfield Community-wide Assessment Grants which have helped transform downtown into a destination location for the Volis Simpson Whirligig Park and surrounding area. In addition, she serves as the Lead Program Manager and Advisory Board Chairwoman for the Eastern North Carolina Coalition Brownfield Cleanup Revolving Loan Fund (RLF).

Brian Kvam, P.G.
Senior Principal—BuddyBrownfields & Redevelopment
Cardno

Mr. Kvam has worked with the City of Wilson as their Brownfield Project Manager providing programmatic and technical support for almost 10 years. He has more than 20 years of experience leading environmental projects in soil/groundwater assessments and remediation at hazardous, industrial, solid waste and Underground Storage Tank (UST) sites combined with 10 years of experience in the EPA Brownfields Program working across the Southeast.

Steffanie Dorn
Finance Director
City of Greenwood, SC

Steffanie has served as Greenwood's finance director for over 19 years. She graduated from Lander University with a B.S. in Business Administration. She has recently earned the designation of Certified Public Finance Officer from the Government Finance Officers' Association. During her tenure with the City, Steffanie has worked as the Project Manager for an EPA Assessment and a Cleanup Grant and was recently awarded a second Cleanup Grant.

Ken Bailey
Vice President/Regional Manager
TTL, Inc.

Mr. Bailey holds a bachelor's degree and master of science degree in civil engineering from the University of Arkansas and has over 25 years of environmental consulting and project management experience. He is a Principal Engineer, Senior Project Manager and Vice President with TTL, Inc and is assigned to TTL's Tuscaloosa office. His experience includes Phase I Environmental Site Assessments (ESAs) and Phase II ESAs for commercial and industrial facilities, including the investigation of petroleum and hazardous chemical releases, as well as the corrective action planning and remedial system design/installation activities associated with these projects. He has served as a regulatory agency liaison, technical principal and project manager for numerous private and governmental clients on matters of environmental investigations, corrective action planning, and the design of remediation approaches/systems under state-administered underground storage tank and voluntary cleanup programs. Mr. Bailey is a Past President and National Director for the American Council of Engineering Companies of Alabama and currently serves on the Board of Directors for the Arkansas Academy of Civil Engineers. He is married to the former Shannon Wylie and they have one daughter, Allison, who is 19.

William S. "Buddy" Cox III
Partner
Bradley

Buddy Cox represents clients in environmental and toxic tort cases across the United States. Buddy advises clients facing property damage and personal injury lawsuits, administrative claims from state and federal regulatory agencies, disputes involving clean-up costs at remediation sites under the Superfund Act or CERCLA, and natural resources damages claims. He helps companies and individuals navigate the complex environmental laws and regulations that govern chemical manufacturing, wood treatment, hazardous or solid waste disposal facilities, and brownfield redevelopment. Whether defending a single plaintiff or several thousands of plaintiffs, Buddy works closely with experts in toxicology, epidemiology, hydrology, remediation, engineering and medicine to ensure that complex issues are presented clearly to judges and juries. He has worked on behalf of the state of Alabama in a long-running dispute over water resources with the U.S. Army Corps of Engineers, as well as assisted companies in responding to environmental enforcement actions, claims and litigation by the Environmental Protection Agency, the Department of Justice, and numerous state environmental agencies under CERCLA, RCRA, the Clean Water Act, the Clean Air Act, the Oil Pollution Act and TSCA.

Elizabeth Limbrick
Project Manager
New Jersey Institute of Technology (NJIT)

Elizabeth Limbrick is a Licensed Professional Geologist in the state of New York and a Licensed Site Remediation Professional (LSRP) in the State of New Jersey. She is a Project Manager at the New Jersey Institute of Technology (NJIT), where she is responsible for providing technical assistance to communities facing brownfield redevelopment challenges. Elizabeth provides one-on-one technical assistance to local governments and not-for-profit interested in assessing, remediating and redeveloping brownfield sites in EPA Regions 1, 3, 4 under the Technical Assistance to Brownfield Communities (TAB) program. Elizabeth has over 20 years of professional experience in the private and public sectors. Her public sector experience includes regulatory oversight at the NJDEP and her private sector experience includes management a wide variety of projects from Underground Storage Tank (UST) cases to Superfund projects as an environmental consultant. In addition, she has also provided expert testimony to the United States Senate Environmental & Public Works Committee regarding Cleanup Efforts at Federal Facilities.

Albert G. Edwards
Managing Director

Corporate Environmental Risk Management, LLC (CERM)

Albert G. Edwards is the Founder and Managing Director of Corporate Environmental Risk Management, LLC (CERM), a regional engineering, environmental and program management firm. As Managing Director, Mr. Edwards' responsibilities include chairing CERM's Management Committee, and providing day-to-day leadership and strategic direction to the firm's business management, project delivery and client management functions. Mr. Edwards' has more than 25 years of experience in the environmental and engineering industry assisting organizations in managing environmental, engineering, infrastructure and capital projects throughout the U.S. Mr. Edwards holds a Master of Business Administration degree in Technology Management from Southern Polytechnic State University, a bachelor of science degree in Industrial Technology from Mississippi Valley State University, and has received specialized environmental, engineering, and business management training through various organizations to include Georgia Tech Research Institute and Dartmouth College (Tuck School of Business). Mr. Edwards also served in the U.S. Army Reserve as a Quartermaster Officer for 8 years and is a member of Omega Psi Phi Fraternity Incorporated.

Makara J. Rumley
CEO

The Hummingbird Firm

Makara Rumley, Esq. is more than an experienced community engagement strategist: she is an important thought leader related to cultural competency, public meetings, stakeholder identification and management, and vision planning. Whether it is through facilitation, training, or developing community engagement plans, she has a knack for identifying what makes each stakeholder successful and leads the charge for how everyone can win. It takes the private and public sector as well as community viewpoints to reach a project's full benefit potential. As the Founder and CEO of Hummingbird, she uses her project management skills, commitment to sustainable solutions, and plain language translation tools for Hummingbird's private industry, municipality, and federal government clients. She has produced identifiable results during her work at the Environmental Protection Agency as the Senior Advisor on Community Engagement for the Regional Administrator, as an Environmental Attorney with GreenLaw, and as a consistent lecturer and presenter on cultural competency, leadership development, water resiliency, and community engagement. She is a graduate of George Washington University Law School and received her undergraduate degree from Spelman College. Mrs. Rumley has a track record of achievement and has a results oriented drive to meeting milestones. She is committed to the use of qualitative as well as quantitative measurements to truly evaluate connectivity to target constituents.

Elizabeth McNulty
Environmental Education Specialist

Kentucky Division of Compliance Assistance at the Energy and Environment Cabinet

Elizabeth McNulty is the Environmental Education Specialist for the Kentucky Division of Compliance Assistance at the Energy and Environment Cabinet. She serves as their Public Information Officer and coordinates the Kentucky Brownfield Redevelopment Program. She has over a decade of past marketing and education experience holding positions with the Kentucky Division of Air Quality and the Kentucky Department of Agriculture's Marketing Division. She just recently finished her Masters in Arts Administration from the University of Kentucky where she focused on community engagement and design.

LUNCH SESSION

John Hargraves, P.G.
Regional Manager
PM Environmental, Inc.

John Hargraves is a Regional Manager at PM Environmental, Inc. and has served clients throughout the U.S. for 29 years. He specializes in Brownfield Redevelopment, Grants/Alternate Funding Sources, Economic Development Incentives, Environmental Due Diligence, Phase II Environmental Site Assessments (ESAs), Remediation, and Leaking Underground Storage Tanks (LUST). Hargraves earned his B.S. in Geology from Tennessee Technological University and is a licensed professional geologist in eleven states.

Herb Petitjean
Brownfield Coordinator
Kentucky Energy and Environment Cabinet

Herb Petitjean has a bachelor's degree in physics from Ohio University and a master's degree in Education from Eastern Kentucky University. He has taught science and math at the high school and college levels. Since 1993, he has worked in the Kentucky Department for Environmental Protection. For over 20 of those years, he has been involved with brownfields. In his current position as the state Brownfield Coordinator, he works with local governments, non-profit organizations, developers and other stakeholders to assess and clean up these properties and to return them to productive use.

Barbara Alfano
Region 4 Brownfields Coordinator
U.S. Environmental Protection Agency

Barbara Alfano is the U.S. Environmental Protection Agency Region 4 Brownfields Coordinator. She joined the EPA in 1988, after working as a national wetlands specialist for six years in St. Petersburg, Florida. In 1994, she went to EPA's Washington D.C. headquarters office on assignment to assist with the development of the 'new' Brownfields initiative. Her overlapping 25 years as a Superfund Remedial Project Manager and 14 years as a Brownfields Project Manager had given her a variety of experiences in cleanup projects throughout the Southeast. She has also served as Acting RCRA Corrective Action and Permits Section Chief, Office of Superfund Public Affairs and Outreach Director, Superfund Section Chief, and Brownfields Section Chief. Her background includes growing up outside Philadelphia and graduating from the University of South Florida in Tampa. Barbara feels privileged to collaborate with diverse communities in the southeast.

Track A: Economic and Regulatory Sessions

Jere “Trey” Hess

**Director of Brownfields and Economic Development
PPM Consultants, Inc.**

Jere “Trey” Hess, is Director of Brownfields and Economic Development for PPM Consultants, Inc. in the Jackson, Mississippi office. Prior to joining PPM in July 2016, Trey was the Chief of the Ground-water Assessment & Remediation Division (GARD) for the Mississippi Department of Environmental Quality (MDEQ) and was responsible for the State cleanups at superfund, leaking underground storage tanks, brownfields, voluntary cleanups, and uncontrolled sites. Prior to his tenure as Division Chief, Trey served as the State Brownfield Program Coordinator for 16 years. One of the highlights of his 23 year career at MDEQ was serving as team leader, working in partnership with the City of Starkville, MDA, and Castle Properties on the \$40-million transformation and preservation of a former cotton mill and university physical plant into “The Mill at MSU” Conference Center and adjoining Marriott Courtyard Hotel in Starkville, Mississippi. He is a registered Professional Engineer and received a bachelor’s degree and an MBA from Mississippi State University; along with a master degree in Environmental Engineering from the University of Mississippi. Trey is blessed with three beautiful ladies; his wife, Frances, of 23 years and daughters, Katie and Beth.

Nanette Baldwin, IOM, APR

**Vice President of Regional Development
Birmingham Business Alliance**

Nanette (Nan) Baldwin, IOM, APR is the Vice President of Regional Development for the Birmingham Business Alliance (BBA), where she is responsible for developing and sustaining the BBA’s key relationships with municipalities and civic-community development organizations. In this role, she leads BBA’s efforts regarding strategic project management of regional quality of life initiatives that connect to the overall economic development and public policy goals of the BBA. Nan currently serves as the secretary of the Industrial Development Board for the City of Birmingham. She is also an Adjunct Instructor at Samford University, where she teaches in the Evening College Program. A native of Birmingham, Alabama, Nan was educated in the Birmingham City Schools System and graduated from A. H. Parker High School. She earned a bachelor’s of science degree from the University of Alabama in Business Administration with a concentration in Marketing and a Master of Arts in Public and Private Management from Birmingham-Southern College. In 2017, she earned the designation of IOM, by the U.S. Chamber of Commerce after completing 96 credit hours in Nonprofit Organization Management. In 2006, she became accredited in Public Relations through the Universal Accreditation Board.

As a servant-leader, Nan serves on several local non-profit organization boards, including the Alabama Brownfields Association, as a founding committee member. She currently serves on the Birmingham Sister Cities Commission and the Alabama Partners for Clean Air Coalition. She has also served on the Birmingham Urban League and One Roof, where she was the Chairman of the Board of Directors for both organizations. In 2016, she received the Alpha Kappa Alpha Sorority, Inc. South Eastern Region Vanessa R. Long—Humanitarian Award. Additionally, Nan served as a mentor in the University of Alabama Culverhouse Connection Mentoring Program (2010-2013). She is an alumna of Momentum Women’s Leadership Program (Class of 2013) and Birmingham Project Corporate Leadership (Class of 1994). Mrs. Baldwin is a member of the Tri-County, AL Chapter of the Links, Incorporated and Alpha Kappa Alpha Sorority, Inc., Omicron Omega Chapter, where she currently serves as the President.

C. Randall Minor

**Shareholder
Maynard Cooper Gale, P.C.**

Randall is a Shareholder in Maynard Cooper’s Real Estate, Public Finance and Economic Development practice teams, and he serves as Co-Chair of the firm’s Banking and Finance Practice. He focuses on the representation of governmental and nonprofit entities in connection with the issuance of taxable and tax-exempt bonds, notes, warrants and other debt instruments. He also represents lenders and borrowers in a variety of commercial real estate transactions and tax credit finance transactions, including low-income housing tax credits, new markets tax credits and historic tax credits. Randall has significant experience drafting, negotiating and reviewing a wide range of real estate documents, including purchase and sale agreements, project development agreements and ground leases, and has represented clients in connection with the acquisition, development, financing and disposition of numerous commercial, industrial and residential projects. He also has extensive experience representing developers and sponsors in a variety of land use and zoning matters, including re-zonings, special permits, variances and alterations of historic buildings. He is an active and founding member of the Birmingham satellite chapter of the Urban Land Institute.

Prior to Maynard Cooper, Randall worked in the New York offices of another firm. Before starting his work as an attorney, Randall completed a clerkship for Judge U.W. Clemon of the United States District Court for the Northern District of Alabama. Randall received his juris doctor degree from Yale Law School. He holds a bachelor’s of science degree from the University of Alabama.

Dr. Colette Santasieri

**Executive Director, Policy and Planning Innovation for Civil
Infrastructure and Environment
Executive Director, NJIT Technical Assistance to Brownfield
Communities Program
New Jersey Institute of Technology**

Dr. Colette Santasieri possesses over 30 years of practical and applied urban, environmental, infrastructure, and land use planning, engineering, and research experience in both the public and private sectors. She has extensive experience and expertise in the planning and design of sustainable and resilient communities, properties, and civil infrastructure systems; regional planning; strategic planning; capital programming; community visioning for redevelopment; transit oriented development; port-city relationships; brownfields redevelopment; identifying and analyzing a project’s impacts on socio-economic, natural, and man-made settings as well as on environmental justice communities; and educating elected officials, government staff, nonprofits, communities, and students on various urban, infrastructure, environment, and regulatory topics. She is the Executive Director of the New Jersey Institute of Technology’s Technical Assistance to Brownfield Communities Program (NJIT TAB) which provides free technical assistance to government entities and nonprofits in EPA Regions 1, 3, and 4. Colette holds a PhD in Urban Systems, and master of science degree in Civil Engineering, and a bachelor’s of science degree in Environmental Planning and Design.

Ashley Meredith Strittmatter
Shareholder
Baker Donelson

Ms. Strittmatter is an environmental attorney with Baker Donelson in Knoxville, Tennessee. She handles environmental aspects of real estate transactions and related matters, representing owners, developers and tenants of office buildings, shopping centers, and manufacturing facilities in all aspects of acquisition, construction, financing, sale and leasing of such properties, including such items as environmental due diligence, securing brownfield agreements and necessary permitting. She advises and represents clients before state and federal administrative agencies and boards in both compliance efforts and enforcement defense related to various environmental, safety and health laws, including OSHA, hazardous waste, Superfund, the Clean Air Act, the Clean Water Act and USTs. As a litigator, Ms. Strittmatter handles environmental, safety and health compliance litigation, Clean Water Act and Superfund litigation, toxic tort and asbestos litigation. Ms. Strittmatter earned a bachelor's of science from Auburn University, and a juris doctor from the University of Tennessee College of Law, J.D.

D. Bart Turner
Partner
Kazmarek Mowrey Cloud Laseter LLP

Bart's primary practice areas are environmental and toxic tort litigation, as well as regulatory compliance. He practices in all areas of environmental law and routinely handles toxic tort, hazardous waste, and Superfund litigation along with state and federal enforcement actions. In connection with his brownfields redevelopment practice, Bart has been involved with over 50 brownfield redevelopment projects on the buy and sell side throughout the Southeast, North Carolina, Missouri, Iowa, and Texas. These projects have involved structuring transactional requirements around brownfields enrollment and obtaining regulatory concurrence, negotiating risk-based cleanup targets, allocating risk and liability protections, and related environmental escrow and economic incentive considerations. In addition, Bart routinely assists clients in the course of transactions concerning environmental risk allocation, post-closing corrective actions, permitting requirements, and related regulatory approvals. Bart earned his B.S. from Rhodes College, M.S.P.H in Environmental Toxicology from the University of Alabama in Birmingham, and J.D from the Vermont School of Law. He was named by Best Lawyers as "The Environmental Lawyer of the Year" in Birmingham in 2017 and just recently again in 2018, respectively.

David Biss
Principal
Eisenstein Malanchuk LLP

David Biss is a principal at the law firm of Eisenstein Malanchuk LLP. Mr. Biss has over 17 years of experience assisting policyholders with resolution of complex insurance claims including both private companies and municipal and government agencies. Mr. Biss has experience in uncovering evidence of historic insurance, in providing analysis of various types of general liability insurance policies and in reconstructing corporate history information. Mr. Biss has conducted insurance recovery projects for utilities, oil and chemical companies, manufacturers, service companies as well as the environmental regulators and local government entities.

Track B: Assessment and Remediation Sessions

William McKercher
Gulf Region Operations Leader
EarthCon Consultants, Inc.

William McKercher is Gulf Region Operations Leader with EarthCon Consultants, Inc. He previously served as the Brownfield Program Coordinator and Branch Chief in the Groundwater Assessment and Remediation Division (GARD) of the Mississippi Department of Environmental Quality (MDEQ), where he was the primary point of contact at MDEQ for Vapor Intrusion issues, while also managing and advising for facilities within the RCRA, Brownfields, Voluntary, and Uncontrolled Sites programs regarding assessment, remediation, and risk assessment. William is a member of the Vapor Intrusion Team of the Interstate Technology and Regulatory Council (ITRC) that developed the 2007 ITRC Vapor Intrusion Guidance and the 2014 ITRC Petroleum Vapor Intrusion Guidance and continues to serve as a classroom instructor for the current ITRC Vapor Intrusion training seminars around the country. William earned his master's degree in Civil Engineering from the University of Mississippi in 2006 and his bachelor's degree from Mississippi State University in Biological Engineering in 2001. He is a Registered Professional Engineer and a Board Certified Environmental Engineer by the American Academy of Environmental Engineers & Scientists.

Crystal Collins
Environmental Scientist, Senior
Alabama Department of Environmental Management

Crystal is a project manager for the Brownfield Redevelopment and Voluntary Cleanup Program at the Alabama Department of Environmental Management. She has 14 years of experience in providing oversight of assessment and cleanup of brownfields sites throughout the State of Alabama. She is an Environmental Professional skilled in writing Phase I & II Assessment Reports. Crystal has a bachelor's of science degree in Biology from Huntingdon College and has received training in Hazardous Waste Site Sampling, Preliminary Assessment & Site Inspection, Data Quality Objectives & Visual Sampling Plans, CERCLA, Risk Based Corrective Action Plans, Remediation Management of Complex Sites and Vapor Intrusion Issues. Crystal has also served as an event planner and coordinator for 4 years for the Alabama Brownfields Conference. She is married with 3 children. All of her free time is spent watching sports activities and enjoying beautiful Lake Martin.

Chad Northington, P.E.
Southeast District Technical Manager
REGENESIS

Mr. Northington is a professional engineer with over 16 years of experience in the environmental field in the areas of site investigation, remediation system engineering and construction, project management and technical assistance. He currently serves as the Southeast District Technical Manager with REGENESIS. In this capacity, he provides technical and sales support for a suite of soil and groundwater remediation technologies, vapor intrusion mitigation technologies and the remediation services division. Mr. Northington works directly with environmental consulting, construction and engineering firms to develop successful remedial approaches for their clients by offering design, application and performance review services for in situ-applied groundwater and soil remedial strategies across a broad spectrum of technology classes. Mr. Northington also founded and directs a 501(c)(3) non-profit specializing in community development and outreach.

Christopher Bartley
Senior Scientist
Terracon

Mr. Bartley is a Senior Scientist with Terracon Consultants Inc. Chris holds a bachelor's of science degree in Environmental Science from Lander University and a master of science degree in Geochemistry from Georgia Tech. His graduate research focused on freshwater biogeochemical cycling in the Chattahoochee River in Georgia. After graduate school, Chris worked for the South Carolina Department of Health and Environmental Control completing site assessments for state and federal Superfund (HRS) scoring. Mr. Bartley has been with Terracon in Columbia, South Carolina for 12 years. Chris' professional practice primarily focuses on state and federal brownfields redevelopment in the Southeast; independent data validation and usability consulting for assessment and remediation projects nationally; and consulting/design regarding chemistry on a variety of in situ chemical oxidation and biologically-enhanced remediation projects nationwide. Chris hails originally from Edgefield, South Carolina, but currently lives in Columbia with his wife Jessamyn and their two daughters, Sawyer and Sutton. When time allows, his favorite activities are wingshooting and fly fishing.

William Burke, P.G.
Project Geologist
Geosyntec Consultants

Mr. Burke is a Project Geologist with over six years of experience with Geosyntec Consultants. Mr. Burke has successfully managed and implemented various site assessment and remediation projects addressing a wide range of contaminants (including chlorinated solvents, pesticides, numerous metals, PCBs, and petroleum-related constituents). Mr. Burke's professional assessment and remediation experience includes: excavation observation and oversight; Membrane Interface Probe (MIP) and Modified Active Gas (MAGS) assessment; vapor intrusion and indoor air evaluations; interpretation of analytical data and contaminant plume delineation; remedial alternative analysis and feasibility studies; and preparation of: work plans, health and safety plans, best management practices plans, site assessment reports, site characterization reports, remedial action plans, restrictive covenants, institutional control plans, and engineering controls plans. Mr. Burke has also implemented both hydrologic, as well as geotechnical investigations as part of his geologic responsibilities at Geosyntec. Mr. Burke also has extensive experience with environmental due diligence efforts including environmental compliance, property portfolio reviews, as well as Phase I and II Environmental Site Assessments in accordance with ASTM-1527-13, as well as navigating both state and federal programs in accordance with applicable regulations.

Robert Rivera, P.E.
Technical Director
ERM

Mr. Rivera has 30 years of planning, engineering design, contract document preparation, and construction management experience on demolition and environmental remediation projects, including power plants. Mr. Rivera has been in supervisory charge of domestic and international decommissioning, decontamination and demolition, responsible for leading design teams, and has also been in supervisory charge of federal CERCLA (Superfund), State-lead, and voluntary site remediation projects. He has extensive experience in planning and managing design-bid-build and design-build contracts including preparation of drawings, specifications, contract documents, safety programs, and the implementation of the safety programs on project sites. Mr. Rivera also has litigation experience on environmental demolition and remediation projects.

ADEM Sessions—Friday Morning

Sonja B. Favors, P.E.
Chief, Redevelopment Section
Alabama Department of Environmental Management

Sonja B. Favors, P.E., is the Chief of the Redevelopment Section with the Alabama Department of Environmental Management. She has over 20 years of experience in the environmental management of hazardous waste, superfund, emergency response and brownfield redevelopment projects. In her current role, Ms. Favors works with various entities throughout the state to promote redevelopment through the Department's Brownfield and Voluntary Clean Up Programs. She attends community activities, environmental conferences and workshops, along with other speaking opportunities while facilitating public request for assistance from the Department's activities. Ms. Favors has a bachelor's of science in Chemical Engineering from Tuskegee University, a master of business administration from Auburn University Montgomery and is a registered Professional Engineer.

Break Sponsors

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Drilling

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Facility Map and Area Information



The meeting will be held in the FORUM THIRD FLOOR at the Sheraton. Guests can Park in 22nd Street Parking Deck. Deck attaches directly to the BJCC space, Sheraton & Westin Hotels via cross walk located on the 3rd level of the parking deck.

• Important Information:

- o Overnight hotel guest: (charges will be placed on room)
 - Your pass is valid for in and out use
 - Please place parking park on dash board or rear view mirror
 - Present ticket and parking pass upon exit final exit

• Daily guests:

- o Parking is \$14 per day and will be expected to pay either cash or card upon exit (unless in event mode then it will be taken upon entry).
- o No in & out privilege, you will be expected to pay for each time you re-enter the deck.

• Directions:

- o **Westin:** Guests will follow the directional signs on cross walk entrance, they will enter the double doors and thus enter the Westin (they will enter on the second floor of the hotel), take a left at end of hallway, hotel elevators will be on the right; those will take you to the lobby located on the first floor.
 - The Hotel Lobby and Ballroom is on the First Floor.
 - Meeting Rooms (Azalea, Magnolia and Orchid Boardroom) the Fern and Hospitality Suites are on the second floor, as well as the Pool Terrace.
- o **Sheraton\BJCC:** Guests will follow the directional signs on cross walk entrance; they walk through the crosswalk and will reach a security desk on left and a directional reader board on right. The guard and/or the directional board will provide guest with information about the location of their particular program and or room check-in. There is also friendly hotel staff, directional signs and reader boards along the way to help get them to their destinations. (They will enter on the second floor of the hotel).

Transportation from Birmingham-Shuttlesworth International Airport (3 miles)

Airport shuttle service, scheduled, complimentary,
Mon-Sun: 4:30 AM - 11:00 PM Shuttle
(205) 324-5000

Estimated taxi fare: \$10 (one way).

Check-in and Check-out

Check-in: 3:00 PM
Check-out: 12:00 PM

On Site Dining

Local restaurant dinner delivery, room service, and sundry/convenience store.

La Tazza

Begin your morning in Birmingham at La Tazza, which serves freshly-brewed Starbucks® coffee, assorted teas and savory baked goods.

Atrium Cafe

Situated in a picturesque garden setting under the soaring 17-story atrium, Atrium Café offers traditional American breakfast and dinner. Open for breakfast, lunch and dinner.

Casey's Sports Grill

For a more casual restaurant experience, stop by Casey's Sports Bar and Grill for elevated pub fare and entertainment.

Things to do in Birmingham

People who spend time in Birmingham say they sense a vibe to the City that don't find elsewhere in their travels. It's hard to pin down, but it is there. With so much to do, September is a wonderful time to be in Birmingham, and the best way to get familiar with all there is to offer is to visit the Greater Birmingham Convention and Visitors Bureau at inbirmingham.com, or better yet, download their app from the app store or at inbirmingham.com/app. The app features more than 300 of the City's most loved local restaurants, shopping areas, coffee houses, markets, music venues, and more. Interactive maps are provided on the app that geo-target nearby spots wherever you are, as well as info on custom tours, historical points of interest, and other events. You can also consult the materials provided in your Welcome Packet at the Registration Desk.

Several options within walking distance of the event hotel are provided on the next page.



Alabama Civil Rights Institute

Restaurants within Walking Distance

Uptown Birmingham <http://www.uptownbham.com> is a new restaurant and bar complex located adjacent to the hotel. Options include:

Eugene's Hot Chicken

Get kicked in the mouth. When you need to turn up the heat, Eugene's is the place to go. Born as a big red truck serving Nashville-style hot chicken to folks around Birmingham, Eugene's opened a permanent home in Uptown in 2016. A heat index from "southern" to "stupid hot" offers something to customers with every level of tolerance. While hot chicken is Eugene's bread and butter, the restaurant also makes great wings, tenders, fries, slaw, other soulful sides, and desserts.

Mugshots Grill & Bar

Kick back with a burger and brew. When it comes to big bites there's no better place to get together than Mugshots. Gather with friends and family for a burger or a plate. Share an appetizer, and stay for dessert. Or meet up at the bar, which boasts a robust happy hour every day with wing specials, discounted beverages, and specialty drinks.

Your Pie

Make your perfect pizza. Looking for a night out with the kids? Look no further than Your Pie. Encourage the kids to pick their favorite toppings while chefs prepare hand-tossed dough made from scratch. Pizzas are baked in brick ovens to achieve crisp dough and smoky, earthy flavors, and the result is a masterpiece that recalls those in Ischia, a small volcanic island off the coast of Naples, Italy where the restaurant draws its inspiration.

Todd English P.U.B.

Get a taste from across the pond right here down south. If you're craving English staples like bangers and mash, fish and chips, or the P.U.B. signature deconstructed sandwich, then pull up a chair at Todd English P.U.B. The restaurant offers a modern spin on traditional pub fare with items from the carvery, raw bar, and grill. And with more than 50 bottles and tap beers, the bar is a great place to watch football—English and American.

Cantina Laredo

Defining modern Mexican. Enjoy a modern twist on authentic Mexican cuisine. Known for its signature guacamole made fresh at your table, Cantina Laredo also offers house-made sauces designed to complement your choice of grilled fish, chicken, and steak. Don't forget to try the Casa Rita, the house special margarita and award-winning favorite.

Texas De Brazil

The feast of Brazil meets the spirit of Texas. After turning your place card to green, watch as carvers serve generous cuts of beef, lamb, pork, chicken, and Brazilian sausage until you've had your fill. The menu also includes a seasonal salad area complete with vegetables, soups, and salads. And make sure to save room for Brazilian appetizers, traditional sides, and house-baked Brazilian cheese bread. The restaurant also offers wines and cocktails to pair with any meal.

The Southern Kitchen & Bar

Experience southern delicacies and stimulating nightlife. When you want southern fare in a chic setting, go for a night out at The Southern Birmingham. The restaurant boasts engaging entertainment along with southern hospitality, and the casual-yet-sophisticated atmosphere allows guests to feel at home while enjoying acclaimed southern fare like fried pickles and chicken and dumplings. At the bar patrons enjoy a curated list of wines, beers, and cocktails, as well as specialty southern creations.

Octane Coffee

Catch a buzz, morning and night. When you need a place to relax or meet up, head to Octane. It's a great place to have a cup of coffee with your laptop, gather with friends or meet colleagues after work for a drink. Committed to sustainability, Octane seeks premium coffee from responsible farmers. Foods are inspired by the coffee's region, and cocktails put a locally inspired spin on classics. As of Monday June 4th, 018, Octane in Uptown will be moving to debit, credit, and phone pay options only and will no longer accept cash for transactions.



Nearby Attractions

Birmingham Civil Rights Institute

The Birmingham Civil Rights Institute, part of the Birmingham Civil Rights National Monument and an affiliate of the Smithsonian Institution, is a cultural and educational research center that promotes a comprehensive understanding for the significance of civil rights developments in Birmingham. Celebrating its 25th anniversary in 2017, BCRI reaches more than 150,000 individuals each year through award-winning programs and services. www.bcri.org

Topgolf

A new spin on a classic game. Topgolf is challenging and fun for all levels of play, from aspiring golf pros to first time players. Using state-of-the-art technology, players take turns hitting microchipped balls that track each shot and assign a score based on accuracy and distance. So stop by and compete in a friendly round, watch the big game on big screens, or just enjoy a mouth-watering menu curated by the area's top culinary talent. <https://topgolf.com/us/birmingham/>

Alabama Sports Hall of Fame

Dive into the legacy of Alabama sports. When ESPN ranked the top 100 athletes of the century, the Alabama Sports Hall of Fame was home to five of the top fifteen: Jesse Owens, Hank Aaron, Joe Louis, Willie Mays, and Carl Lewis. The museum also houses over 5,000 sports artifacts displayed throughout a 33,000 square foot facility. Learn about Alabama's legends, and immerse yourself in Alabama's long and storied sports history. <http://ashof.org/>

McWane Science Center

Designed to inspire a life-long love of learning, McWane Science Center has welcomed millions of visitors since opening its doors in 1998. Explorers—from ages 1 to 100—flock year-round to see, to hear, to touch, and to experience the wonder of science in one of the South's most unique venues.

<https://www.mcwane.org/>

Local Pharmacies

Citizen Express Pharmacy

(205) 323-8374

1513 5Th Ave N, Birmingham, AL 35203

Distance: 0.8 miles

Solutions Rx Pharmacy

(205) 250-1400

2705 4Th Ave S, Birmingham, AL 35233

Distance: 0.8 miles

Careplus CVS/pharmacy

(205) 290-9577

1521 4th Ave S, Birmingham, AL 35233

Distance: 1.1 miles



Alabama Sports Hall of Fame

Thank you for your
support!



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