

CLEAR WATER ALABAMATM ROCKS!

Exploring How Alabama's Diverse Landscapes Effect Stormwater Management

2025 SEMINAR
PELL CITY CIVIC CENTER

- 7:30 a.m. On-Site Registration begins; Exhibitor set-up.
Set up is also available the evening of 9/23.
Seminar Moderator - Alex James
Urban Stream Consultant,
Alabama Erosion & Sediment Control Program
- 8:00 a.m. **Alabama Stormwater Association Buffet Breakfast**
Sponsored by SpreadRite and Prewitt Group
- 8:30 a.m. **Welcome**
Ashley Henderson, PE, Alabama Soil and Water Conservation Committee
- Welcome to Pell City**
Mayor Bill Pruitt, City of Pell City
- 8:40 a.m. **Keynote: Alabama's Diverse Geology and its Impact on Topography, Soils & Water Quality**
Bill Deutsch, PhD, Retired Research Fellow Emeritus, Auburn University School of Fisheries, Aquaculture & Aquatic Sciences
- 9:10 a.m. **Break**
- 9:25 a.m. **Alabama's Diversity of Animals**
Rebecca Bearden, PhD, Director, Ecosystems Investigation, Geological Survey of Alabama
- 9:55 a.m. **Stabilizing Different Soils on Different Slopes**
Wesley Donald, PhD, Research Fellow, Auburn University Department of Civil Engineering
- 10:25 a.m. **Break and Product Reviews with Exhibitors**
- 10:55 a.m. **Is it LID or Just Good Engineering?**
Wade Burcham, PE, 5020 Engineering Resource Group, Inc.
- 11:40 a.m. **Award of Excellence Presentation**
- 12:20 p.m. **Lunch and Visit with Exhibitors**
Meet Your Industry Representative - Granite Sponsors
- 1:15 p.m. **Critter Conflicts: An Open Conversation**
Moderator: Barry Fagan, PE/PLS, EV, SP, CPMSM, CPESC, Fagan Consulting LLC
Richard Klinger, PE, State Environmental Construction Engineer, ALDOT
Lee Holt, Biologist, Partners for Fish & Wildlife Program, U.S. Fish & Wildlife Service
- 2:00 p.m. **AU-Stormwater Research Facility Update**
Mike Perez, PhD, Auburn University, Auburn, AL
- 2:45 p.m. **Break and Visit with Exhibitors**
Meet Your Industry Reps. - Limestone Sponsors
- 3:15 p.m. **Establishment & Maintenance of Vegetation**
Howard Peavey, Retired Agronomist, ALDOT
- 3:45 p.m. **What's in the Bottom of Urban Basins?**
Matthew N. Waters, Associate Professor,
Crop, Soil & Environmental Sciences, Auburn University
- 4:15 p.m. **Shoreline Case Studies**
John Paramore, Greescape Management
John Slupecki, Flexamat
Darren Jones, Hanes Geo
- 4:55 p.m. **Door Prizes, Close Out and Plans for Field Day**
- 5:10 p.m. **Pick Up Seminar Certificate**

PRESENTED BY:

ALABAMA SOIL AND WATER
CONSERVATION COMMITTEE

ALABAMA'S EROSION & SEDIMENT
CONTROL PROGRAM

ALABAMA STORMWATER ASSOCIATION



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- Alabama Soil and Water Conservation Committee, Chair
- Alabama Chapter of the Soil and Water Conservation Society
- Alabama Association of Conservation Districts
- Alabama Associated General Contractors
- Alabama Cooperative Extension System
- Alabama Department of Environmental Management
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- Home Builders Association of Alabama
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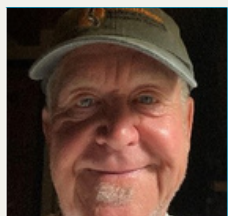
Thanks to All Sponsors, Exhibitors and Attendees for Supporting Clear
Water Alabama and Helping to Protect our Natural Resources

CLEAR WATER ALABAMA™ 2025 SPEAKERS



Ashley Henderson

Ashley Henderson, PE is a professional engineer with over 30 years of experience in the water sector. Her work spans municipal water and wastewater design, construction, project management, and nonprofit leadership focused on protecting Alabama's waterways. She previously served as Director of Conservation Programs and now serves as Assistant Executive Director of the Alabama Soil and Water Conservation Committee, where she leads initiatives such as the Alabama Irrigation Initiative, the Alabama Blackbelt Prairie Initiative, and the Alabama Feral Swine Control Program. She is also committed to strengthening Soil and Water Conservation Districts across the state. A Troy native, Ashley earned her Civil and Environmental Engineering degree from Auburn University.



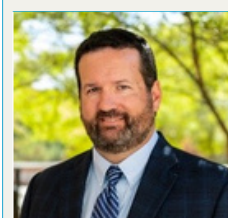
Bill Deutsch

Bill Deutsch, PhD is an aquatic ecologist and a Research Fellow, Emeritus in the Auburn University School of Fisheries, Aquaculture and Aquatic Sciences. He co-founded the citizen volunteer, water quality monitoring program called, Alabama Water Watch in 1992, and directed the program for 20 years. In his retirement, Bill authored two books: *Alabama Rivers: A Celebration & Challenge*; and *Ancient Life in Alabama: The Fossils, the Finders, and Why It Matters*. With artist Guy Arello, he recently created the GeoAlabama Bandana, a "fun and fashionable" way to teach about Alabama's natural resources. The title of his talk today is: "Alabama's Diverse Geology and its Impact on Topography, Soils, and Water Quality."



Rebecca Bearden

Rebecca Bearden, PhD is the Director of the Ecosystems Investigations Program at the Geological Survey of Alabama, where she leads a multidisciplinary research team focused on watershed assessments, threat analyses, and habitat protection for aquatic species of concern. She holds dual Bachelor of Science degrees in Agricultural Communications and Wildlife Sciences from Auburn University and a Ph.D. in Biology from the University of Alabama. In addition to her work at GSA, Rebecca serves as communications and outreach chair for the Alabama Rivers and Streams Network, a volunteer coalition dedicated to assessing, restoring, and recovering the state's aquatic resources through a watershed-based approach.

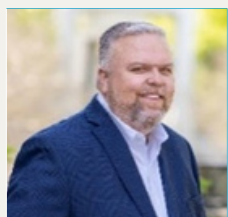


Wesley Donald

Wesley Donald, PhD is a Research Fellow in the Civil Engineering Department at Auburn University with 15 years of experience in stormwater management. Donald has focused on construction stormwater runoff by investigating the performance of ditch checks, and basins, inlet protection, chemical flocculants, and erosion control practices under rainfall simulation. He has also researched catch basin inserts and infiltration swales for post-construction. He serves as committee chair for the IECA's Editorial Review Board and is an active member of IECA's Stormwater committee and their Standards and Practices Committee and is the state representative for the Southeast chapter of IECA.

CLEAR WATER ALABAMA™

2025 SPEAKERS



Wade Burcham

Wade Burcham, PE is a Civil Engineer with two decades of experience ranging from restoration projects to municipal consulting. His experience has facilitated a balanced viewpoint from perspectives obtained as a Civil Engineer, Municipal Consultant, and Developer's Representative. Through his volunteer work with Faith-Based Mission efforts, Wade enjoys applying Innovative Design Practices in developing countries.



Barry Fagan

Barry Fagan, PE/PLS, ENV SP, CPESC, CPMSM, CESSWI A stormwater and sustainability expert, Fagan has dedicated his career to harmonizing built and natural environments. His expertise in managing stormwater programs and promoting environmental responsibility spans transportation, renewable energy, and urban settings. Barry and his wife Tracey recently launched Fagan Consulting LLC, embodying their mission to help good people deliver infrastructure that's not just functional, but livable, sustainable, and resilient.



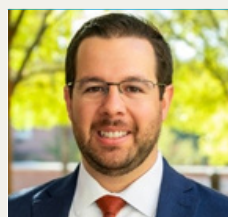
Richard Klinger

Richard Klinger, PE is a civil engineering graduate of Auburn University who began his career with the Alabama Department of Transportation (ALDOT) in 2008. He spent his first decade in the Maintenance Bureau, specializing in bridge hydraulics and environmental compliance. In 2017, he became State Environmental Construction Engineer in the Construction Bureau, where he oversees environmental compliance for all ALDOT construction projects. Richard also serves on the Product Evaluation Board as a subject matter expert in erosion and sediment control and directs ALDOT's Qualified Credentialed Inspector Program, which trains and certifies about 500 inspectors each year.



Lee Holt

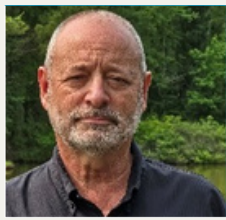
Lee Holt is a fish and wildlife biologist for the U.S. Fish and Wildlife Service (USFWS) where he works for the Alabama Ecological Services Field Office's Partners for Fish and Wildlife Program. Lee has 24+ years of fisheries experience working with various species and in a variety of aquatic habitat types. His current position allows him to work directly with private landowners and other partners to restore hydrologic connectivity and improve aquatic habitats across multiple landscapes, while supporting the conservation and recovery of federal trust resources. He also works directly with the Regional Fish Passage Coordinator to identify priority projects for conservation delivery actions within Alabama. Lee also recently completed a two-year detail with FEMA's National Dam Safety Program where he served as a USFWS fish passage liaison.



Mike Perez

Michael Perez, PhD is the Brasfield & Gorrie Associate Professor in the Department of Civil and Environmental Engineering at Auburn University. As the director of the Stormwater Research Facility, he specializes in evaluating and advancing construction and post-construction stormwater management practices, methods, and technologies through full-scale testing. Dr. Perez is a licensed Professional Engineer in Alabama and a Certified Professional in Erosion and Sediment Control.

CLEAR WATER ALABAMA™ 2025 SPEAKERS



Howard Peavey

Howard Peavey earned his BS in Agronomy from Auburn University. He worked 20 plus years in the Ornamental Landscape and Lawn Care Industries. In 1999 he accepted the position of lead Agronomist for the Alabama Department of Transportation where he served until his retirement in 2024. During his ALDOT tenure he served as President of the Alabama Invasive Plant Council, the Alabama Vegetation Management Society, and the National Roadside Vegetation Management Association. His hobbies include grandchildren and golf.



Matt Waters

Matthew N. Waters, PhD is an associate professor in the Department of Crop, Soil, and Environmental Sciences at Auburn University where he leads the program of environmental science and the PaleoEnvironmental Lab. Dr. Waters is a paleolimnologist and reconstructs water quality of lakes, wetlands, and rivers through time. His research focuses on natural systems in the SE USA and throughout Mesoamerica. Projects integrate nutrients and harmful algal blooms with their impacts on modern and ancient societies.



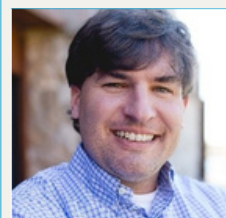
John Paramore

John Paramore is the owner of Greenscape Management LLC. Having grown up in this industry, he has specialized in drainage, erosion, sea walls, and landscaping for over 25 years. Ten years ago, John and his wife started a yearly mission trip to Belize to provide basic needs for the local native communities. He has been married for 20 years and is based in Chelsea, Alabama.



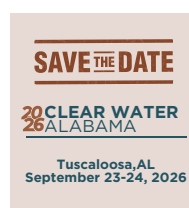
John Slupecki

John Slupecki works for Motz Enterprises, Inc. the maker of Flexamat and has over 25 years of experience working in the Erosion and Sediment Control industry with experience as an inspector, backhoe operator, project manager, and with two manufacturers as a Southeast sales manager in the States of Alabama, Florida, Georgia, Louisiana, Mississippi, and South Carolina. John has been involved with just about every organization in our industry from an attendee to past President. Training in the field is what he does best.




Darren Jones

Darren Jones is a native of Mississippi and a graduate of Mississippi State University. He worked for a commercial landscape company after college for a year before beginning his career with Hanes Geo Components. He has been with Hanes Geo Components for 20 years and currently serves as a regional manager for the southeast. Darren has lived in the Birmingham area since 2009 and has been involved with Clear Water Alabama since 2010. He enjoys spending time with his wife and 3 kids at the family farm in Mississippi when the sports and ballet schedule allows.


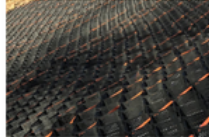



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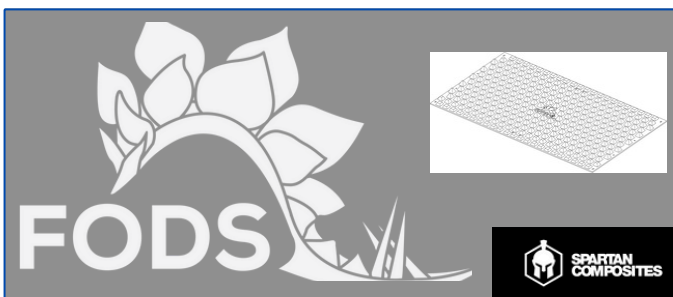


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Save the Dates:

- May 12 & 13, 2026 - Erosion & Sediment Control Installer Workshop
- May 14, 2026 - Erosion & Sediment Control Field Day



Stay connected with the Auburn University - Stormwater Research Facility on LinkedIn for the latest updates and happenings!

www.stormwater.auburn.edu

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