



Alabama CCS Workshop Agenda

Date: September 11, 2025, at 8:30 AM Central Time

Location: Bryant Conference Center Birmingham Room, 240 Paul W Bryant Dr.,
Tuscaloosa, AL 35401

Contact: Ben Wernette (wernette@sseb.org, 334-332-5921)

8:30 – 8:45 AM

Welcome and Opening Remarks

Ben Wernette, PhD, SSEB — Welcome, summary, and overview of the day

8:45 – 9:45 AM

Capture, Utilization, & Storage 101

John Carroll, Southern Company Services, Inc. — Capture, Utilization, and Storage
Overview: Capture 101

Karen Lechtenberg, ARI — Capture, Utilization, and Storage Overview: Geologic
Perspective

Gabe Casanova, ARI — Capture, Utilization, and Storage Overview: Engineering
Perspective

Format — Three 15-minute presentations followed by 15 minutes of Q&A

9:45 – 10:15 AM

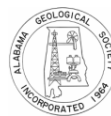
Coffee Break

10:15 – 11:00 AM

Alabama's Geologic Potential for CO₂ Storage

Marcella McIntyre-Redden, Geological Survey of Alabama — Overview of Alabama's CO₂
storage potential, ACS-DSE website, and state regulatory framework

Format — 30-minute presentation followed by 15 minutes of Q&A



11:00 – 11:30 AM

Poster Viewing

11:30 AM – 1:00 PM

Lunch Keynote: Evolving Strategy and Value Proposition of CCS Technologies

Richard Esposito, PhD, Southern Company Services, Inc. — 30 minutes for lunch, 30-minute presentation, followed by Q&A and networking

1:00 – 2:30 PM

Case Studies and Current CCUS Projects in the Southeast

Moderator: John Koster, ARI

Jack Pashin, PhD, Oklahoma State University — OASIS Modeling (Valley and Ridge)

Dave Riestenberg, ARI — Lingleaf CCS Hub (Coastal Plain)

Format — 30-minute presentations with 15 minutes of Q&A after each

2:30 – 3:00 PM

Alabama Economic Development Opportunities

Denise Hills, ARI — Outreach initiatives and emerging opportunities

Format — 20-minute presentation followed by 10 minutes of Q&A

3:00 – 3:30 PM

Coffee Break

3:30 – 4:30 PM

Panel: Emerging Alabama Energy Opportunities

Moderator: Ben Wernette, PhD

Liz Bollen, PhD, Geological Survey of Alabama — Critical Minerals in Alabama

Tim Adams, Hunt — Capture opportunities from non-power sources

David King, PhD, Auburn University — Hydrogen Developments

Bob Singleton, Pure Sky — EOR in Coalbed Methane

Format — Four 10-minute panelist introductions, followed by 20 minutes of guided discussion and Q&A

4:30 – 5:00 PM

Summary, Next Steps, and Closing Remarks

Ben Wernette, PhD, SSEB