



MRCI Fall 2023 Partner and Stakeholder Meeting

**Morgantown Marriott at Waterfront Place
Two Waterfront Place
Morgantown, West Virginia
October 3-5, 2023**

Wi-Fi: Marriott Bonvoy Conference; Password: MRCI23

Tuesday, October 3, 2023

- Noon-1:00 PM Lunch
- 1:00-4:30 PM **Community Benefits Plan Workshop**
 Jared Hawkins, Subsurface Scientist, Battelle (Facilitator)
- 1:00-4:30 PM **Storage Resources Management System (SRMS): Classifying and Categorizing CO₂ Storage Resources**
 Scott Frailey, Principal Reservoir Engineer, Illinois State Geological Survey (Facilitator)
- 5:00-6:30 PM Mini-reception at hotel Foyer F-H
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Wednesday, October 4, 2023

- 8:30-9:30 AM **Introduction: State of CCS**
- Initial Remarks and Welcome
 Dr. Neeraj Gupta, Technical Director – Carbon Management, Battelle
 Chris Korose, Associate Geologist, Illinois State Geological Survey
 Matt Young, Program Manager, Battelle
- DOE FECM Strategic Goals and Upcoming Project
 William Aljoe, Project Manager, Department of Energy, National Energy Tech. Laboratory
- Status of CCS in MRCI region
 Dr. Neeraj Gupta, Technical Director – Carbon Management, Battelle
- Recorded remarks from West Virginia's US Senators
 The Honourable Shelley Moore Capito, the Junior Senator from West Virginia
 The Honourable Joseph Manchin III, the Senior Senator from West Virginia

9:30-10:30 AM

Session 1: Upstream/Midstream–Capturing and transporting CO₂ in the region

Chair: Shawn Bennet, Manager Energy & Resilience Group, Battelle

Sources and Transport in the MRCI Region

Jared Hawkins, Subsurface Scientist, Battelle

Developing Regional Pipelines

Tyler La Susa, Market Director of Field Solutions, TRC Companies, Inc.

Developing full-value chain CCUS projects in the Region: A case study at an ammonia plant

Nalin Gupta, Board Member, Wabash Valley Resources

10:30-10:45 AM

Networking Break

10:45 AM-noon

Session 2: Demonstrating CCUS in the MRCI Region and Paths Forward (Upstream/Midstream Focus)

Chair: Dr. Neeraj Gupta, Technical Director – Carbon Management, Battelle

Panel 1: Carbon Capture and Storage Projects (Upstream / Midstream)

21st Century Power Plant: Steve Winter, Project Manager, Consol

TC Energy Update: Tim Prather, Manager of Origination & Development (CCUS), TC Energy

Mitchell Indiana Cement Plant: Greg Ronczka, Vice President, Environment & Sustainability, Heidelberg Materials North America

Panel 2: Path Forward: Natural gas to Hydrogen Production Projects in ARCH2

Matt Maione, Senior Engineer, CNX

Mike Starck, Head of Fuel Cell Initiatives, EQT

Perry Babb, CEO and Patrick Findle, Consultant, KeyState Energy

Pete Hollis, Senior Vice President, Fidelis New Energy

An update on Direct Air Capture (DAC): Project Cypress

Matt Young, Program Manager, Battelle

noon-1:00 PM

Lunch

1:00-2:30 PM

Session 3: Understanding Geologic Storage Deployment in the MRCI Region

Chair: Jessica Moore, State Geologist, West Virginia Geological & Economic Survey

MRCI Addressing Regional Geologic Storage Update

Mark Kelley, Research Leader, and others, Battelle

Illinois Basin Geologic Storage Activities (Illinois Basin Broad CCS Overview);

Chris Korose, Associate Geologist, Illinois State Geological Survey

DOE Regional Initiative Projects from FOA2799

Kristin Carter, Assistant State Geologist, Pennsylvania Geological Survey

Carl Carman, Carbon Capture & Storage Specialist, Illinois State Geological Survey

Autumn Haagsma, Assistant Director, Michigan Geological Survey & Director, Michigan Repository for Research & Education

Ashley Douds, Research Geologist, Indiana Geological and Water Survey

Joel Sminchak, Sr. Subsurface Scientist, Battelle

2:30-2:45 PM

Networking Break

2:45-3:30 PM

Session 4: Permitting/Regulations

Chair: Valerie Beckham-Feller, Research Geologist, Indiana Geological & Water Survey

Federal and State updates: Progress of legislation and regulations

Jared Hawkins, Subsurface Scientist, Battelle

Class VI permits overview

Bridgitte Petras, Subsurface Scientist, Battelle

Update for West Virginia Primacy and CO2 Storage Regulations

Jessica Moore, State Geologist, West Virginia Geologic and Economic Survey

3:30-4:45 PM

Session 5: Risk Assessment, Finance, and Insurance

Chair: Sminchak, Sr. Subsurface Scientist, Battelle

Insuring CCS projects

Michael Roos, Senior Vice President, Client Executive, Marsh

Jim Walsh, Client Executive in Energy Practice, Marsh

Progress in financing CCS projects and credits

Keith Tracy, Chief Commercial Officer, Elysian

A look at the private CO₂ credits market

Jeff Lee, Commercial Sales Director, Battelle

Infrastructure Security Considerations for CCS Projects

Jared Hawkins, Subsurface Scientist, Battelle

4:45-5:00 PM

Meeting Day 1 Closing Remarks

Dr. Neeraj Gupta, Technical Director – Carbon Management, Battelle

Chris Korose, Associate Geologist, Illinois State Geological Survey

6:00-9:30 PM

Reception and Dinner

West Virginia Botanic Garden at Tibbs Run, **1061 Tyrone Rd, Morgantown, WV 26508**

One bus leaves Morgantown Marrott at Waterfront Place at 5:45pm and returns at 8:45pm

Others will drive or carpool.

Keynote: Cecil Roberts, President of the United Mine Workers of America

Thursday, October 5, 2023

8:30-8:40 AM

Day 2 Introduction

Dr. Neeraj Gupta, Technical Director – Carbon Management, Battelle

Chris Korose, Associate Geologist, Illinois State Geological Survey

8:40-9:45 AM

Session 6: Stakeholder Outreach and Tech Transfer

Chair: Autumn Haagsma, Assistant Director, Michigan Geological Survey & Director, Michigan Repository for Research & Education

Stakeholder Outreach in the MRCI Region and CBP Approach

Dr. Neeraj Gupta, Technical Director – Carbon Management, Battelle

Navigator CO₂ Project Development and Stakeholder Considerations

Danielle Anderson, Manager Public Affairs, Navigator CO₂

Stephanie Cook, Director Carbon Management, Navigator CO₂

Technical knowledge sharing and collaboration under MRCI

Joel Sminchak, Sr. Subsurface Scientist, Battelle

9:45-10:00 AM

Networking Break

10:00-11:15 AM

Session 7: CarbonSAFE and Other Storage Projects

An Example Case Study of CO₂ Storage Site Development in the MRCI

Evan Zeller, Commercial Sales Director, Battelle

Updates on CarbonSAFE and commercial projects in the MRCI Region

Marquis Biocarbon Project, Neeraj Gupta, Battelle

bp Commercial CCS Projects, Chris Walker, Manager Carbon Capture and Storage Center of Expertise, bp

CarbonSAFE: SE Michigan, Joel Sminchak, Sr. Subsurface Scientist, Battelle

Illinois Basin CarbonSAFE projects, Carl Carman, Capture & Storage Specialist, Illinois State Geological Survey

11:15-noon

Meeting Closure: Stakeholder feedback on progress and path forward

Dr. Neeraj Gupta, Technical Director – Carbon Management, Battelle

Chris Korose, Associate Geologist, Illinois State Geological Survey

noon-1:00 PM

Lunch

1:00-4:30 PM

Workshop on Hydrogen Energy and Related CO₂ Management

Priya Ravi Ganesh, Lead Subsurface Engineer, Battelle (Facilitator)

Thank you to our sponsors!



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