



# PCOR

## PARTNERSHIP

CCUS TECHNICAL FORUM



**April 30, 2025**  
**Marriott Marquis Houston**  
**1777 Walker Street**  
**Houston, TX**

# AGENDA

## CCUS Technical Forum

The PCOR Partnership CCUS Technical Forum is for industry experts from PCOR member organizations to share experiences and technical knowledge from real-world carbon research and CCUS deployment.

**APRIL 30, 2025**

**Marriott Marquis Downtown – Houston, Texas**

1777 Walker Street

- 7:15 a.m. NETWORKING BREAKFAST (Houston Ballroom Salon IV)**
- 8:00 a.m. Opening Remarks |** Kevin Connors, Energy & Environmental Research Center (EERC)
- 8:10 a.m. SESSION 1: Pipeline and Injection Well Materials and Design**  
**ADM Decatur CCS Update**  
Sallie Greenberg, Sallie Greenberg Consulting
- 8:35 a.m. Predicting Corrosion in a CO<sub>2</sub> Injection Environment**  
Motaz Saeed, EERC  
Nessa Mahmood, EERC  
Diana Miller, OLI Systems, Inc.  
Adam Rowe, Stress Engineering
- 9:35 a.m. UIC Class VI-Compatible Materials and Well Completions – What Does It Mean?**  
Karthik Krishnan, Halliburton  
Nasraldin Alarbi, Halliburton
- 10:00 a.m. BREAK**
- 10:25 a.m. Legacy Wellbore Strategies in Petroliferous Basins – When They Matter and How to Handle**  
Dan Eakin, University of Wyoming School of Energy Resources (UW SER)
- 10:50 a.m. CO<sub>2</sub> Pipeline Operations, Outstanding Safety Records, and Failure Case History**  
Keith Tracy, Elysian
- 11:15 a.m. CO<sub>2</sub> Pipeline Design, Siting, and PHMSA**  
Jimmy Powell, Summit Carbon Solutions
- 11:40 a.m. SESSION 2: Characterization, Modeling, and Derisking Projects**  
**Faults in the AOR: What Details Matter and When Do They Change the Story**  
Autumn Eakin, UW SER  
**Data Integration in Geologic Model Development: Core, Log, and 3D Seismic and Managing Uncertainty**  
Amanda Livers-Douglas, EERC
- 12:00 Noon GROUP PHOTO and LUNCH (Houston Ballroom Salon IV)**
- 1:15 p.m. Keynote: Pathway to Commercialization and Scaling CCUS**  
Chuck McConnell, University of Houston Center for Carbon Management in Energy

# AGENDA

- 1:45 p.m.**      **Caprock Integrity – Can I Get CO<sub>2</sub> in My Caprock? A Technical and Regulatory Perspective**  
Wes Peck, EERC
- 2:10 p.m.**      **Geomechanics: CO<sub>2</sub> Storage in Basal Reservoirs**  
Bret Fossum, EERC
- 2:35 p.m.**      **When Does Geochemistry Matter?**  
Eddy Evans, Rock Flow Dynamics
- 3:00 p.m.**      **BREAK**
- 3:25 p.m.**      **SESSION 3: Applied Operational and Compliance Monitoring**  
**Fit-for-Purpose Data Acquisition**
- What are the tradeoffs with data density?
  - How can sparse datasets be fit for purpose compared to 3D surveys?
  - Considerations for detection sensitivity, and what is moment magnitude?
- Peter Duncan, CO2SeQure
- 3:50 p.m.**      **Wellbore Integrity: How Often Do Wells Fail, How Will I Know, and Can I Fix It?**  
Hugo Costeno, SLB
- 4:15 p.m.**      **Where's My CO<sub>2</sub>? Monitoring Examples from CCUS Projects**  
Trevor Richards, EERC
- 4:45 p.m.**      **The Road Ahead**  
Kevin Connors, EERC
- 5:30 p.m. – 7:30 p.m.**      **RECEPTION |** Grotto Downtown, 1001 Avenida de las Americas, Houston, TX

## Evening Networking Event at Grotto Downtown

Thank you for joining us for the PCOR Partnership CCUS Technical Forum. This event is for PCOR members and select invited presenters. As one of the benefits to your organization's membership, there is no registration fee.





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# AGENDA

## SPONSORS



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## SPECIAL EVENT SPONSORS

**HALLIBURTON**



*Save the Date*



**September 30 – October 1, 2025,  
SAINT PAUL HOTEL, SAINT PAUL, MINNESOTA**

September 29

September 30 – October 1

September 30

Welcome Networking Social

PCOR Partnership  
Annual Meeting

Evening Event

# OUR STORY

The PCOR Partnership is funded by the U.S. Department of Energy National Energy Technology Laboratory, the North Dakota Industrial Commission Oil and Gas Research Program and Lignite Research Program, and more than 250 public and private partners. It is led by the University of North Dakota Energy & Environmental Research Center (EERC), with support from the University of Wyoming (UW) School of Energy Resources and the University of Alaska Fairbanks (UAF) Institute of Northern Engineering.

The partnership focuses on acceleration of CCUS deployment throughout the United States, Canada, and beyond.



## CARBON MANAGEMENT

For over 20 years, the PCOR Partnership has been providing technical and regulatory expertise in the management of carbon dioxide, including dedicated and associated storage. In an increasingly carbon-constrained world, our knowledge and resources are making a difference.



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