

2012 CO₂ Workshop Information for the

2012 CO₂ Conference Week



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Monday Dec 3: CO₂ Contracting Seminar – Sponsored by the Global Carbon Capture and Storage Institute (<http://www.globalccsinstitute.com>); Note: this event is limited to 50 persons, first-come first-serve (separate registration required at <http://www.eventbrite.com/event/2441873710>)

11:30 am start (½ day) - 11:30-5:00 (Lunch Included): CO₂ Contracting (speakers to include Mike Moore and Russell Martin {Blue Strategies/Tabula Rasa Energy}, Bryan Hargrove {Trinity CO₂}, Keith Tracy {Chaparral Energy}, and Kipp Coddington {Mowrey, Meezan, Coddington & Cloud, LLP and General Council for the No. American Carbon Capture and Storage Association})

11:30-1:30 Registration - Opening Remarks - Working Lunch

12:30-1:00 The Markets: CO₂ vs. Natural Gas - Similar but some key differences

1:00-1:30 A CO₂ Buyer's Perspective Core/Key Components and Considerations: Term, Price, Volumetrics, Quality, Carbon and related issues and other Key components

1:30-2:00 The Seller's Perspective Core/Key Components and Considerations: Term, Price, Volumetrics, Quality, Carbon and related issues plus other Key components

- 2:00-2:30 Transportation: Key Considerations - Geography, Volume, Single or Multiple Sources/Projects, Firm vs. Interruptible, Balancing, "Storage", Min Operating Pressures, Min-Max volumes, Compression/Pumping etc.
- 2:30-3:00 Networking Break**
- 3:00-3:45 Pricing Considerations (Historical as well as Current)
- 3:45-4:15 Negotiations, Reps and Warranties - Legal Components and Considerations in Writing or Signing of a Contract.
- 4:15-5:00 Contracting Exercise Buyer vs. Seller

Tuesday Dec 4: 10th Annual Carbon Management Workshop

Full Day Workshop - 8:00-6:00 pm

- 8:00-8:15 Welcomes and Opening of Program - Mike Moore, Workshop Director-Exc. Dir. NACCSA/VP Blue Strategies LLC and Steve Melzer-APTA and Conference Week Manager
- 8:15-8:45 Opening Keynote Speaker - Latest on the "Size of the Prize and the ROZ" Vello Kuuskraa President and CEO of Advanced Resources Intl. (www.adv-res.com)
- 8:45-9:15 Summit Power Updates - TCEP and Additional Projects; Eric Redman, President Summit Power Group LLC (www.summitpower.com)
- 9:15-9:30 The CCUS and CO₂ EOR View from the US Energy Agency; Barry Worthington, Executive Director (www.usea.org)
- 9:30-9:45 The CCUS and CO₂ EOR View from the Atlantic Council's Energy and Environment Section; John Lyman-Program Director (<http://www.acus.org/program/energy-and-environment>)
- 9:45-10:30 Highlights and Recent Developments from the Interstate Oil and Gas Compact Commission and Southern States Energy Board; Mike Smith and Jerry Hill (www.iogcc.state.ok.us) (www.sseb.org)
- 10:30-11:00 Networking Break**
- 11:00-11:30 Federal and State Overview; Kipp Coddington, General Counsel NACCSA and Partner Mowrey-Meezan-Coddington-Cloud LLP (www.naccca.org) (www.m2c2.com)
- 11:30-12:00 Overview: CO₂ EOR and Geologic Storage; Dwight Peters-Schlumberger Carbon Services (www.slb.com)

- 12:00-1:30 Luncheon Keynote luncheon speaker - Chuck McConnell, U.S. DOE's Assistant Secretary for Fossil Energy Speaking on CCUS**
- 1:30-2:10 The Future of Oxy-Fuel Systems for CO₂ Sourcing; Siemens and Clean Energy Systems (<http://www.cleanenergysystems.com/>)
- 2:10-2:30 Insuring the CCUS - CO₂ EOR Energy Complex; Ben Harper, Zurich NA (www.zurichna.com)
- 2:30-2:45 Networking Break**
- 2:45-4:00 CO₂ Related Assets and Projects Panel Chair Mike Moore NACCSA/Blue Strategies: Texas-Wyoming-Indiana; Denbury Projects-Craig McPherson (www.denbury.com) Randall Rush-Southern Co. (www.southerncompany.com) & Roxann Laird-National Carbon Capture Center (www.nationalcarboncapturecenter.com), Michael Parker, Exxon-Mobil
- 4:00-5:00 Panel Session CCUS Developments Panel Chair-John Harju, EERC: CCS and CCUS Efforts, Tom Russial, Global CCS Institute (<http://www.globalccsinstitute.com>)—The View from BP/CO₂ Capture Project (<http://www.co2captureproject.org>)- Nigel Jenvey-BP and Perspectives on EOR Storage & MVA from an ENGO bridge builder; Bruce Hill-Clean Air Task Force (www.catf.us)
- 5:00-5:30 CCUS Carbon Market Developments - Voluntary, California Carbon Market and Voluntary Carbon Markets; Max Williamson of Williamson Law & Policy & Mahesh Gundappa – Blue Strategies LLC
- 5:30-5:45 New CO₂ Pathways; Patrick Kelly, P2 Resources Incorporated and ex-EPA Region 6
- 5:45-6:00 CO₂-EOR and carbon ventures
- 6:00 Wrap-up and Workshop Session Ends; Mike Moore
- Registration for this at <http://www.eventbrite.com/event/2441873710>
- 6:30 Workshop Reception (Midland Center)**
- Dec 5th Field trip to Whiting Petroleum's CO₂-EOR Project**