



CONFERENCE  
DECEMBER 7-11, 2009  
HOUSTON / MIDLAND, TEXAS

MORE DOMESTIC OIL.  
LOWER EMISSIONS.  
NEW OPPORTUNITIES.

THE 7TH ANNUAL EOR CARBON MANAGEMENT WORKSHOP, HOUSTON, TEXAS  
15TH ANNUAL CO<sub>2</sub> FLOODING CONFERENCE, MIDLAND, TEXAS

**Register Now to Make the Connection**



Thought leaders, business players, technology developers and policymakers in EOR Carbon Management will be on hand at this year's CO<sub>2</sub> Conference Week exploring the most topical and exciting business opportunities emerging in the fields of carbon capture and storage and EOR.

**THE 7TH ANNUAL  
EOR CARBON MANAGEMENT WORKSHOP,  
HOUSTON, TEXAS  
DECEMBER 7-8**

**15TH ANNUAL  
CO<sub>2</sub> FLOODING CONFERENCE,  
MIDLAND, TEXAS  
DECEMBER 9-11**

Our nation's dual challenges of reducing dependence on foreign oil and greenhouse gas emissions make the issues of carbon management and EOR more pressing and relevant than ever. And no place are they addressed more thoroughly and practically than during CO<sub>2</sub> Conference Week – the industry's premier two-city CO<sub>2</sub> event from December 7-8 in Houston and December 9-11 in Midland.

This is where you'll connect with people conducting CO<sub>2</sub> projects today, find answers and discover possibilities in CO<sub>2</sub>.

If CO<sub>2</sub> matters to your business or your constituents, CO<sub>2</sub> Conference Week is the place to be. Register now to reserve your place: [www.co2conference.net](http://www.co2conference.net).



## A two-city conference for everyone in CO<sub>2</sub>.

### **EOR Carbon Management Workshop in Houston (December 7-8)**

Emissions issues. Waste management. Energy independence.  
Here's where they all connect.

With economic optimism rising and climate issues at the top of the national agenda, interest in the opportunity for converting an industrial waste product into a tool for greater oil production and greenhouse gas reduction is soaring. This year's workshop will examine the status of active carbon capture and sequestration projects, the critical issues related to infrastructure and technology, and the absolute latest developments in working rules, policy and legislation.

### **CO<sub>2</sub> Flooding Conference in Midland (December 9-11)**

The latest in flooding strategies, technologies, operations and case histories.

Attendees can get an in-depth look at the 120 worldwide floods and 60 Permian Basin CO<sub>2</sub> injection projects as well as CO<sub>2</sub> flooding case histories, best practices, theme sessions on CO<sub>2</sub> flood operations, panel discussions and presentations on new technologies and facilities.

This portion of the conference is the nexus of the CO<sub>2</sub> flooding industry, with insights and valuable updates on actual projects. We'll showcase CO<sub>2</sub> floods across North America and around the world, and you will meet with professionals actively engaged in day-to-day CO<sub>2</sub> operations, including asset managers, facility managers, specialty service and equipment providers, and operations and production engineers responsible for producing crude oil from maturing fields.

Our field trip this year will offer an on-site look into field geology, oil production history and CO<sub>2</sub> field and facilities development at Kinder Morgan's SACROC Field.

# EOR Carbon Management Workshop

## Omni Houston Hotel

### December 7-8 Agenda Highlights

The year's best business and networking opportunities with practitioners in CO<sub>2</sub> processing, compression, injection and reservoir surveillance.

The absolute latest updates on emerging legislative, technological and business developments in CO<sub>2</sub> capture and storage.

Expert panels, roundtables and discussion topics.

#### MONDAY, DECEMBER 7

8:00 am - 5:00 pm **Registration**

9:00 - 11:15 am **Pre-Workshop Event: Technical CCS Workshop Hosted by the British Consulate and TBEG** Dr. May G. Akrawi Ph.D., Vice-Consul, Science, British Consulate-General & Technology; Dr. Mike Stephenson, Head of Science (Energy), British Geological Survey; Dr. Susan D Hovorka, Texas Bureau of Economic Geology, Austin; Steve Bryant; Amy Hardberger, Environmental Defense; Rebecca Smyth; Tip Meckel; Tara La Force, Imperial College; Ian Havercroft, University College London; Jon Gluyas, Durham University

10:00 - 11:15 am **Pre-Workshop Event: Open TxCCSA Meeting and BOD Meeting** Darrick Eugene, General Counsel, Texas Carbon Capture and Storage Association; Board Members and Guests

#### Interim Between Pre-Events and Workshop

11:30 am - 12:15 pm **Networking Luncheon**

12:15 pm **CO<sub>2</sub> Conference Welcome**  
Steve Melzer, Conference and Workshop Chair, Melzer Consulting, UTPB/CEED and TXCCSA; and Michael E. Moore, Workshop Director, Vice President, Blue Source Inc., Executive Director, NACSSA and TXCCSA Board Member

#### Keynote Remarks

**Victor Carrillo, Commissioner, Railroad Commission of Texas**

1:00 - 1:30 pm **CO<sub>2</sub>-EOR-Sequestration: Denbury's Perspective**  
Tracy Evans, President and Chief Operating Officer, Denbury Resources

1:30 - 1:50 pm **CCS and Carbon Legislation**  
Kipp Coddington, Partner, Alston & Bird and General Counsel, North American Carbon Capture and Storage Association (NACSSA)

1:50 - 2:10 pm **Texas Developments: 2009 and Beyond Legislation and Regulatory Advances** Darrick Eugene, Attorney, and General Counsel, Texas Carbon Capture and Storage Association

2:10 - 2:30 pm **IOGCC: A State's Perspective** Mike Smith, Executive Director, Interstate Oil and Gas Compact Commission

2:30 - 2:50 pm **CO<sub>2</sub>-EOR Carbon Balance** Chuck Fox, Executive Vice President, Kinder Morgan CO<sub>2</sub> Company

2:50 - 3:10 pm **Networking Break**

3:10 - 3:40 pm **CO<sub>2</sub> Capture Technology**  
Joe Shine, Vice President, Praxair CO<sub>2</sub> Services (*Invited*)

3:40 - 4:00 pm **CO<sub>2</sub>-EOR: The Legado Story**  
Dane Cantwell, Senior Vice President of Development, Legado Resources

4:00 - 5:15 pm **CCS Project Development Roundtable**  
**Moderator:** Dave Coleman, DNV  
**Panel:** Greg Kunkel, Ph.D., Vice President of Environmental Affairs, Tenaska Inc.; Eric Redman, Summit Power; Marty Dubois, CAP CO<sub>2</sub>

- 5:15 - 5:45 pm**      **US-EPA's New UIC Guidelines for Geologic Sequestration**  
Bruce Kobelski, Geologist/Team Leader, Underground Injection Control Program, US EPA (invited)
- 5:45 - 6:00 pm**      **Day 1 Wrap Up** Michael E. Moore, Workshop Director
- 6:00 - 7:30 pm**      **EVENING RECEPTION – OMNI HOUSTON HOTEL**  
Co-sponsored by Denbury Resources and Kinder Morgan CO<sub>2</sub> Company

## TUESDAY, DECEMBER 8

- 7:00 - 9:00 am**      **Continental Breakfast and Registration**
- 8:00 - 8:05 am**      **Opening Remarks** Michael E. Moore, Workshop Director
- 8:05 - 8:50 am**      **The UK Activities in CCS**  
Matthew Webb, UK Foreign Office, Senior CCS Policy Expert followed by Professor Stuart Haszeldine, Scottish Power Carbon Capture and Storage, and Professor, University of Edinburgh
- 8:50 - 9:50 am**      **Roundtable Geologic Sequestration Partnerships**  
**Moderator:** Ian Duncan, BEG  
**Panel:** John Harju, PCOR; Dr. Jerry Hill, SECARB; Lon Whitman, EORI
- 9:50 - 10:30 am**      **Federal Indemnification, Stewardship and Insurance**  
**Moderator:** Melita Elmore, Sage Consulting, TXCCSA  
**Panel:** Tom Swartz, Vice President, Marsh & Co.; Bob Sansone, Power Development Company
- 10:30 - 10:45 am**      **Networking Break**
- 10:45 - 11:15 am**      **MVA, Permanence and the Business Case for Geologic Sequestration** Ian Duncan, Texas Bureau of Economic Geology and Gulf Coast Carbon Center
- 11:15 - 11:45 am**      **Latest Developments in Saline Formations for CO<sub>2</sub> Storage**  
John Tombari, President, CO<sub>2</sub> Services, Schlumberger
- 11:45 am - 12:30 pm**      **Networking Luncheon**
- 12:30 - 1:00 pm**      **Keynote Address – US Energy and Carbon**  
Dr. Scott Tinker, Director of the Texas Bureau of Economic Geology
- 1:00 - 1:45 pm**      **The Future of EOR Under Climate Legislation**  
**Panel:** George Peridas, NRDC and Scott Anderson, EDF
- 1:45 - 2:00 pm**      **Networking Break**
- 2:00 - 2:20 pm**      **DOE/NETL: Latest Developments and Status** George Guthrie, Focus Area Leader, Geologic and Environmental Systems, NETL
- 2:20 - 2:40 pm**      **The Alberta Carbon Trunkline Project and a Review of EOR Opportunities in Alberta** Blair Eddy, Vice President of Operations, Enhance Energy, Inc.
- 2:40 - 3:55 pm**      **The View from an Infrastructure Developer**  
**Moderator:** Ray Hattenbach, Blue Source  
**Panel:** John Hopper, Peregrine Midstream Partners LLC; Brian Hargrove, Trinity CO<sub>2</sub>; Jason Sowell, American Warrior Compression; Tom Davison, Mustang Engineering
- 3:55 - 4:15 pm**      **CO<sub>2</sub> Sources for EOR/Sequestration: Sampling of Current CO<sub>2</sub>-EOR/Sequestration Projects** Russell Martin, Executive Vice President, Blue Source
- 4:15 - 5:00 pm**      **CCS Protocols Development**  
**Panel:** Sarah Wade, AJW; Keith Driver, Vice President, Blue Source, Canada
- 5:00 - 5:20 pm**      **What's Going on at the EPA with Carbon Management in Texas**  
Patrick Kelly, EPA Region 6, Dallas
- 5:20 - 5:30 pm**      **Day 2 Wrap Up and Recap** Michael E. Moore, Workshop Director

# CO<sub>2</sub> Flooding Conference

## Midland Conference Center

### December 9-11 Agenda Highlights

In-depth reviews and updates on current CO<sub>2</sub> flooding activity and best practices worldwide.

A tour of a nearby CO<sub>2</sub> flooding operations, review the latest case histories and discuss the newest technological developments in CO<sub>2</sub> flooding with practitioners on the ground.



# CO<sub>2</sub> Flooding Conference

December 9-11

## CO<sub>2</sub> CONFERENCE SACROC FIELD TRIP

NOTE: SPACE IS LIMITED TO THE FIRST 75 REGISTRANTS

- 8:00 am** Check-in at Midland Center (105 N. Main, downtown Midland)
- 8:30 am** Buses promptly depart Midland Center  
Handouts of SACROC info packet for each participant
- 10:15 am** Arrive at Snyder Plant  
Rest stop, briefing and plant tour
- 12:30 - 1:30 am** Buffet lunch
- 1:30 - 3:00 pm** Field drive-through/walk-through; drive around Field with narration; walk through injection/production satellite; Q&A; return to bus
- 3:00 - 3:15 pm** Rest Stop
- 3:15 - 5:00 pm** Return to Midland Center

## CO<sub>2</sub> CONFERENCE THEME SESSIONS – MIDLAND CENTER

THURSDAY, DECEMBER 10

### THEME SESSION #1 CO<sub>2</sub> POLICY AND FLOOD OPERATIONS

- 8:00 - 8:45 am** Recap of the EOR Carbon Management Workshop  
Mike Moore, Workshop Director
- 8:45 - 9:20 am** Concurrent CO<sub>2</sub> EOR and Storage: A Policy Update
- 9:20 - 9:50 am** Concurrent EOR + Storage Monitoring Case Histories Ian Duncan, TBEG
- 9:50 - 10:15 am** Break
- 10:15 - 10:55 am** The Range of CO<sub>2</sub> Transport Options from Source to Sink  
Mustang Engineering
- 10:55 - 11:30 am** Panel Discussion, All Speakers
- 11:30 am - 1:00 pm** Catered Lunch at the Midland Center  
Keynote Address – Worldwide Energy Outlook Ken Golden of ExxonMobil

### THEME SESSION #2 CO<sub>2</sub> FLOOD OPS, PLANNING AND CASE HISTORIES

- 1:00 - 1:35 pm** Encore and Their Plans in Montana (*Tentative*)
- 1:35 - 2:10 pm** Michigan CO<sub>2</sub> EOR Status Update Bob Mannes, Core Energy
- 2:10 - 2:45 pm** Comparisons of Conventional CO<sub>2</sub> WAG Injection Techniques used in the Permian Basin Dave Merchant, Merchant Consulting
- 2:45 - 3:00 pm** Break
- 3:00 - 3:45 pm** Wertz and Lost Soldier Floods and Constrained CO<sub>2</sub> Volumes  
Merit Energy
- 4:20 - 5:00 pm** Panel Discussion, All Speakers
- 5:30 - 7:30 pm** Reception at the Permian Basin Petroleum Museum hosted by Permian Basin SPE Section

FRIDAY, DECEMBER 11

### THEME SESSION #3 CO<sub>2</sub> FLOOD OPS, PLANNING AND CASE HISTORIES

- 8:15 - 9:00 am** The Katz CO<sub>2</sub> Flood  
Kinder Morgan CO<sub>2</sub> Company
- 9:00 - 9:45 am** A New CO<sub>2</sub> Flooding Case History: The Tinsley Flood in Mississippi  
Denbury Resources
- 9:45 - 10:00 am** Break
- 10:00 - 10:45 am** A CO<sub>2</sub> EOR Update from No Mans Land (western Oklahoma)  
Scott Wehner, Whiting Petroleum
- 10:45 - 11:30 am** Residual Oil Zones: From Science to Commercial Exploitation  
UTPB (Trentham and Melzer)
- 11:30 - 12:15 pm** Panel Discussion, All Speakers
- 12:15 pm** Light Lunch and Conference Conclusion

[WWW.CO2CONFERENCE.NET](http://WWW.CO2CONFERENCE.NET)



## CO<sub>2</sub> CONFERENCE WEEK HOST SPONSORS



## ASSOCIATE SPONSORS



British Consulate-General Houston

## HOUSTON WORKSHOP SPONSORS

Alston & Bird | BCKK | Blue Source | Praxair | Schlumberger Carbon Services | Texas Carbon Capture and Storage Association

## MIDLAND CONFERENCE SPONSORS

Advanced Resources International | Anadarko Petroleum | Applied Petroleum Technology Academy | Denbury Resources | Enhanced Oil Recovery Institute, Laramie | Hess Corporation | Kinder Morgan CO<sub>2</sub> Company | Legado Resources | Midland College | NCG Consulting Group | Oxy Permian | R K Hall and Associates | Society of Petroleum Engineers – Permian Basin Section | Research Partnership to Secure Energy for America | Trinity CO<sub>2</sub> LLC | The University of Texas of the Permian Basin | Whiting Petroleum Corp

**FOR EXHIBITING AND SPONSORSHIP DETAILS CONTACT  
DARRIN WEST AT 713-260-6449 OR DWEST@HARTENERGY.COM**

# 2009 CO<sub>2</sub> CONFERENCE REGISTRATION FORM

Select individual events listed below or from Package Options listed below.

## INDIVIDUAL EVENTS

MONDAY DECEMBER 7 AND TUESDAY DECEMBER 8

7TH ANNUAL EOR CARBON MANAGEMENT WORKSHOP

LOCATION: Omni Houston Hotel, Four Riverway Drive, Houston, TX

SCHEDULE: 12-5pm, Monday and 8:30 am-5:30 pm, Tuesday

\$695

Early-Bird Rate  
Purchase Before  
11/15/09

WORKSHOP PACKAGE INCLUDES THESE EVENTS

Cost included in above

UK Technical CCS Workshop, 9-11 am, Monday

Texas Carbon Capture and Storage Annual Meeting, 9-11 am, Monday

Networking Reception, 5:30-7:30 pm, Monday (Sponsored by Kinder Morgan)

Luncheons – Monday and Tuesday

Continental Breakfast – Tuesday

## CO<sub>2</sub> FLOODING CONFERENCE, FIELD TRIP AND THEME SESSIONS

LOCATION: MIDLAND CENTER, 105 N. MAIN, MIDLAND, TX

WEDNESDAY, DECEMBER 9 FIELD TRIP

SOLD OUT

Field trip to Kinder Morgan's SACROC field and CO<sub>2</sub> facilities in Scurry County, Texas (limited to 75 participants ONLY)

SCHEDULE: 8 am Gather at Midland Center / 8:30 Depart (Lunch included)

THURSDAY, DECEMBER 10 FLOODING CONFERENCE EVENT

\$200

CO<sub>2</sub> Flood Case History Theme Sessions

LOCATION: Midland Center, 105 N. Main, Midland, TX

SCHEDULE: 8 am-12 pm, CO<sub>2</sub> Flood Operations

12-1 pm, Networking Luncheon

1-4:45 pm, CO<sub>2</sub> Flood Case Histories

THURSDAY, DECEMBER 10 FLOODING CONFERENCE EVENT

\$25

Midland Networking Reception

LOCATION: Permian Basin Petroleum Museum, 1500 W. Interstate Hwy 20, Midland, TX

SCHEDULE: 5:30-7:30 pm, CO<sub>2</sub> Flood Operations

FRIDAY, DECEMBER 11 FLOODING CONFERENCE EVENT

\$100

CO<sub>2</sub> FLOOD CASE HISTORY THEME SESSIONS

LOCATION: Midland Center, 105 N. Main, Midland, TX

SCHEDULE: 8 am-12 pm, CO<sub>2</sub> Flood Case Histories

12-1 pm, Networking, Light Luncheon

## PACKAGED EVENT OPTIONS

MIDLAND FLOODING CONFERENCE PACKAGE 1

SOLD OUT

Includes all Midland Flooding Conference Events with Field Trip

CO<sub>2</sub> Field Trip, Wednesday (limited to 75 participants ONLY)

CO<sub>2</sub> Flood Case History Theme Sessions, Thursday and Friday

Midland Networking Reception, Thursday

MIDLAND FLOODING CONFERENCE PACKAGE 2

\$300

Includes all Midland Flooding Conference Events Without Field Trip

CO<sub>2</sub> Flood Case History Theme Sessions, Thursday and Friday

Midland Networking Reception, Thursday

CONFERENCE WEEK AND WORKSHOP PACKAGE

\$1100

Includes all Midland Flooding Conference Events AND

Houston Events Without Field Trip

EOR Carbon Management Workshop and Networking Reception, Monday and Tuesday

Early-Bird Rate  
\$900  
Purchase Before  
11/15/09

CO<sub>2</sub> Flood Case History Theme Sessions, Thursday and Friday

Midland Networking Reception, Thursday

REGISTER TODAY BY PHONE, FAX OR WEBSITE

REGISTRATION INFORMATION (please print)

Full Name \_\_\_\_\_

Title  Mr.  Ms.  Mrs.  Prof.  Dr.

Email \_\_\_\_\_  
(Email address required for all registrations.)

Company \_\_\_\_\_

Mailing address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ FAX \_\_\_\_\_

PAYMENT INFORMATION

(Please enter the total calculated amount from registration fees. Fees are payable in U.S. dollars only.)

Total amount enclosed US\$ \_\_\_\_\_  
(Please make checks payable to UTPB/CEED)

Credit Card  MasterCard  VISA  Discover

Card number \_\_\_\_\_ Expiration date \_\_\_\_\_

Name on card \_\_\_\_\_ Security code \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

REGISTER NOW TO SECURE YOUR SPOT

REGISTER ONLINE AT  
<http://co2conference.net> or  
[www.hartco2.com](http://www.hartco2.com)

REGISTER BY FAX  
FAX 713.840.8585

OR MAIL YOUR COMPLETED FORM WITH PAYMENT TO CO<sub>2</sub> CONFERENCE.  
UTPB/CEED, Attn: Sheila Goddard, 1400 N. FM 1788, Midland, TX 79707 USA

HOTEL INFORMATION

HOUSTON

The Omni Houston Hotel  
Four Riverway Drive, Houston, TX 77056  
Dial: 1-800-THE-OMNI  
Group Code: CO<sub>2</sub> Conference  
Group Rate: \$169/night

MIDLAND

Hilton Midland Plaza  
117 West Wall Street, TX 79701  
Dial: 1-800-HILTON7 or 432-683-6131  
Group Code: CO<sub>2</sub>WO  
Group Rate: \$129/night

QUESTIONS OR CHANGES TO YOUR REGISTRATION?

CONTACT  
Sheila Goddard

PHONE  
432.552.2430

FOR EXHIBITING AND SPONSORSHIP DETAILS CONTACT  
DARRIN WEST AT 713-260-6449 OR DWEST@HARTENERGY.COM

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**The CO<sub>2</sub> Group** and  
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of the **Permian Basin**

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**2009 CO<sub>2</sub> CONFERENCE AND  
EOR CARBON  
MANAGEMENT WORKSHOP**

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**VISIT [WWW.CO2CONFERENCE.NET](http://WWW.CO2CONFERENCE.NET)  
OR CALL 432.552.2430  
TO REGISTER**

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