



SHORT COURSE SERIES 2009

CO₂ Sequestration

Innovation, Economics, & Opportunity

The University of Kansas Energy Council is the primary coordinating unit of energy related research and educational activities at KU. The Council's objectives include elevation of the importance of energy within the research and educational mission of the University of Kansas; cross-discipline collaboration in the research and development of new innovations in the capture and use of energy; and the application of these innovations in industry settings that will ultimately benefit the State of Kansas.



For more information or to register online please visit:
kuenergycouncil.org

The business of carbon capture and storage in geologic formations is expected to grow dramatically over the next decade. In addition to aggressive international reduction targets CO₂ is showing great promise aiding enhanced oil recovery.

The University of Kansas invites you to join academic and industry experts for a half day short course designed to highlight the innovations and opportunities that CO₂ sequestration represents in Kansas.

**August, 26th 2009 - Bank of America Center
Wichita Kansas**

CO2 Sequestration

The afternoon's events kick off with a networking lunch at the Petroleum Club in Wichita, KS, after which participants head downstairs to the Bank of America Center auditorium for four leading expert presentations. Each presentation will last approximately 40 minutes with a 10 minute question and answer session.

Afternoon Schedule:

11:30 a.m. - 12:45 p.m.
1:00 p.m. - 1:50 p.m.
1:50 p.m. - 2:40 p.m.
2:40 p.m. - 3:00 p.m.
3:00 p.m. - 3:50 p.m.
3:50 p.m. - 4:40 p.m.

Buffet Lunch (Petroleum Club)
Richard Pancake Ph.D. - Murfin Drilling Co.
Martin Dubois, Ph.D. - CO2 EOR
Break
Scott Frailey Ph.D. - IL State Geological Survey
Michael E. Parker, P.E. - ExxonMobil

Michael E. Parker P.E. - Mr. Parker is a Technical Advisor within ExxonMobil Production Company's Upstream Safety, Health, and Environment organization and is located in Houston. Mr. Parker provides technical support and guidance to ExxonMobil affiliates world-wide on a range of issues including drilling and production discharges, spill prevention and control, facility decommissioning, artificial reef programs, and marine environmental issues.

Currently, Mr. Parker is lead advisor on issues related to carbon capture and storage.

Mr. Parker is a graduate of the University of Texas and Texas A&M University and is a registered Professional Engineer in Texas and Louisiana.

Scott M. Frailey Ph.D. - Mr Frailey is the Deputy Project Director for the Illinois State Geological Survey. Frailey serves on the leadership committee for the Midwest Geological Sequestration Consortium (MGSC).

The MGSC is one of seven regional partnerships selected by DOE to determine the best approaches for capturing and storing carbon dioxide that might otherwise contribute to global climate change. The MGSC was established to assess geological carbon sequestration options in the Illinois Basin with an objective is to determine the technical and economic feasibility of using these geologic formations for long-term storage.

Martin K Dubois Ph.D. - Mr. Dubois is Vice President of Geology and EOR for CAP CO2, LLC, a Wichita company focused on industrial-sourced CO2 enhanced oil recovery. Dubois specializes in field-scale reservoir characterization and carbon management through value-added carbon sequestration. He was most recently a research geologist for the Kansas Geological Survey where he was involved in the DOE-funded CO2 enhanced oil recovery project in Russell, Kansas that used CO2 from an ethanol plant.

Martin has a B.S. in geophysics from Kansas State University and a M.S. and Ph.D. in geology from the University of Kansas. Martin is a Licensed Geologist in the State of Kansas and an AAPG Certified Petroleum Geologist, and a member of the KGS, AAPG, and SPE.

Richard Pancake Ph.D. - Mr. Pancake is a Production Engineer for Murfin Drilling Company, Inc. in Wichita, Kansas. Previously, Rich was an EOR engineer for the Tertiary Oil Recovery Project (TORP) at the University of Kansas and an Operations Engineer for Mobil Oil in California, Oklahoma, and southwest Kansas.

Rich has been involved with the Russell, Kansas CO2 Pilot since its inception in 2000, as a liaison engineer while at TORP and as production engineer at Murfin.

He received a BS in Petroleum Engineering and a MS in Environmental Engineering both from the University of Kansas.

Registration Instructions

Registration is \$35 per attendee and includes lunch. Please fill out form below and enclose a check for the total amount owed made payable to KU Center for Research in an envelope and mail to:

University of Kansas Center for Research
Attention: Energy Council CO2 Sequestration Short Course
2385 Irving Hill Road
Lawrence, KS 66045-7568

Or - Visit www.kuenergycouncil.ku.edu and click the "register now" link. Fill out the online form and submit. You will receive a confirmation e-mail detailing your registration - this is your invoice. Bring a copy of your confirmation invoice and a check payable to KU Center for Research to the registration table the day of the event.

First Name (as it will appear on badge) _____

Last Name _____

Company _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____ e-mail _____

Additional Attendees

First Name _____ Last Name _____

First Name _____ Last Name _____

First Name _____ Last Name _____

First Name _____ Last Name _____

First Name _____ Last Name _____

Registration is \$35 per registrant. Total number of registrants @ \$35 _____

Total amount enclosed _____