



Advanced Resources International (ARI) is a professional services firm that provides geological, reservoir engineering, business and policy analysis and advice on a global basis related to unconventional gas resources, enhanced oil recovery and geologic carbon sequestration. Our quarterly update highlights current industry trends, ongoing and completed projects, recent publications, upcoming workshops and events, and company news. We encourage you to visit our website at www.adv-res.com to learn more about our company history, research and technology activities, industry news and much more. You may also contact our offices listed at the bottom of this page for additional information.

Advanced Resources' Senior Staff:

[Stephen Bumgardner](#)

[James Caballero](#)

[Michael Godec](#)

[Jonathan Kelafant](#)

[George Koperna](#)

[Vello Kuuskraa](#)

[Robin Petrusak](#)

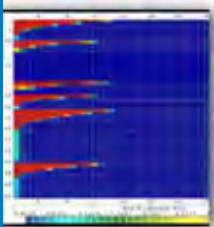
[Scott Stevens](#)



Maximizing Oil Recovery Efficiency & Sequestration of CO₂ with Next Generation CO₂-EOR Technology

ARI President Vello Kuuskraa gave his presentation at the SPE Special Session from September 9-12 in Salvador, Brazil. His presentation reviews the current market demand for CO₂ in the EOR industry, the outlook for this technology in the United States, and the next generation techniques for this evolving technology. The presentation includes research results with graphs and projections.

[Presentation](#)



Using Reservoir Architecture to Maximize CO₂ Storage Capacity

ARI recently created a presentation that studies the impact of reservoir architecture on CO₂ plume movement and the reservoir's storage capacity, using reservoir simulation. Recent geologic and reservoir data collected from the Tuscaloosa Formation at the Mississippi Test Site will be used as a case study for evaluating alternative CO₂ storage engineering concepts for maximizing CO₂ storage capacity.

[Presentation](#)



CO₂ Injection Demonstration Held at Mississippi Test Site

On October 5, 2008, ARI co-hosted a tour of the Mississippi Test Site CO₂ injection demonstration for approximately 25 SECARB stakeholders along with the Mississippi Power Company at Plant Victor J. Daniel. The tour included presentations on the SECARB region's CO₂ storage pilots and public outreach efforts, along with a field tour of the surface facilities at the ongoing CO₂ injection project at Plant Daniel.



Southwest Regional Partnership - Phase II Annual Review Meeting

The annual SWP meeting was held this past October in Albuquerque, New Mexico. ARI presented the *Pump Canyon Characterization and Modeling* work recently performed. The program reviewed new CO₂ injections in the late-Cretaceous Fruitland Coals of the San Juan Basin, the geostatistical approach used to model the area, and the results of the history-match. A site description was included along with current rates of injection, pressure and gas composition.

[Presentation](#)



Upcoming Events

The 4th AIChE/SPE Joint Workshop
February 22-24, 2009 - The Fairmont Sonoma Mission Inn and Spa
Sonoma, California

[Register](#)

SECARB 4th Annual Stakeholders' Briefing
March 3-4, 2009 - Hilton Atlanta Airport Hotel
Atlanta, Georgia

[Register](#)

For a complete list of industry news, recent white papers and case studies please visit our website www.adv-res.com or contact one of our offices:

Washington, DC

4501 Fairfax Drive, Suite 910 • Arlington, VA 22203
Phone: +1.703.528.8420 • Fax: +1.703.528.0439

Houston, TX

11490 Westheimer Road, Suite 520 • Houston, TX 77077-6841
Phone: +1.281.558.9200 • Fax: +1.281.558.9202