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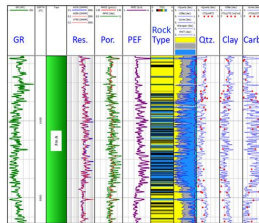
Short Course

SC-02 Well Logging and Petrophysics for Geologic Carbon Sequestration

George R. Brown Convention Center - Room 332 B/E

Sunday, 10 March 2024

8:30 a.m.–5:00 p.m.



This course is aimed at those who would like to understand the petrophysical problems related to geologic carbon sequestration and the application of well logs to subsurface characterization and monitoring. The course is designed for those who desire a foundation in general well log analysis and petrophysics, with relevant applications to geologic carbon sequestration. The course is for students and early and mid-career geologists, geophysicists, petrophysicists, and reservoir engineers.

Course modules will center on a few essential elements:

- Overview of geologic carbon sequestration
- Revisiting regulations of CO₂ injection wells (e.g., Class VI wells in the US)
- Petrophysical requirements
- Controls of rock types and rock properties on CO₂ injectivity, storage, and confining capacity
- Basics of well logging tools
- Application of well logs and core data to delineate and map CO₂ storage window, confining zones, and risks
- Static carbon storage capacity vs. pressure-space-based storage capacity estimates
- Overview of downhole tools for subsurface monitoring

Attendees are requested to bring their laptops for in-class activities.

Instructor



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Fees

Pricing:

\$500 Professionals

Attendee Limit:

40 People

Venue



George R. Brown Convention Center
1001 Avenida De Las Americas
Houston, Texas 77010
United States

[Website](#) [Map](#)

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Instructor

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