

[Home](#) [About CCUS](#)

Program

Exhibit & Sponsor

[Register Now](#)

Registration And Travel

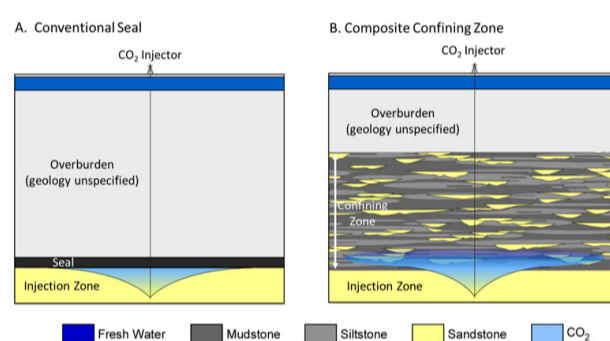
Short Course

SC-05 Characterizing, Permitting, and Monitoring Novel Storage Plays Optimized for Saline Reservoirs

George R. Brown Convention Center | Room: TBD

Thursday, 14 March 2024

8:30 a.m. – 5:00 p.m.



While depleted hydrocarbon fields can work for CO₂ storage, the goals, boundary conditions, and constraints of CO₂ injection are different to those of petroleum production. Injection at industrial rates means that pressure build-up is a key limitation, but the goal of sequestration suggests that buoyant traps are a last resort. At the same time, the geography of emissions and the economics of transport incentivize local storage, which often requires reconciling CCS with other existing subsurface uses, including hydrocarbon production, saltwater disposal, legacy wells, and other CCS projects. This course will explore those differences and focus on emerging concepts for optimizing saline storage plays, including fetch-trap pairs, composite confinement, barriers to lateral migration, Area of Review, and pressure space.

This course will explore the design of new plays, optimized for the goals and constraints of CO₂ sequestration, and to develop the tools to de-risk and sell those plays to investors and regulators. It will be of particular interest to subsurface geoscientists and engineers with an interest in CO₂ storage in saline reservoirs.

We will spend the first half of the day looking at these concepts, rethinking old concepts of what “good” looks like, and ultimately designing new plays, optimized for CO₂ storage. We will then spend the second half of the day on conceptualizing and designing modelling and monitoring plans to de-risk and permit these plays.

Instructors

[Home](#) [About CCUS](#)

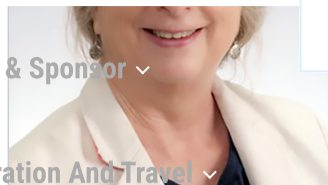


Program

[Register Now](#)



Alexander Bump
University of Texas, Austin
[View Bio](#)



Susan Hovorka
University of Texas, Austin
[View Bio](#)

Fees

Pricing:

\$600 Professionals

Attendee Limit:

30 People

Venue



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

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

Accommodation information is not yet available for this event. Please check back often.

Instructor

[Advertise](#)

Subscribe Now

Subscribe now to receive valuable updates, important dates and deadlines from CCUS

All fields required

[Home](#) [About CCUS](#)



[Program](#)

[Register Now](#)

[Exhibit & Sponsor](#)

[Subscribe Me!
Registration And Travel](#)

Quick Links

[Home](#)

[About](#)

[Technical Program](#)

Carbon, Capture, Utilization, and Storage (CCUS)

11-13 March 2024 | Houston, TX

Sponsoring Organizations



Endorsing Organization



[Copyright 2024 by AAPG](#) | [Privacy Statement](#) | [Code of Conduct](#)