



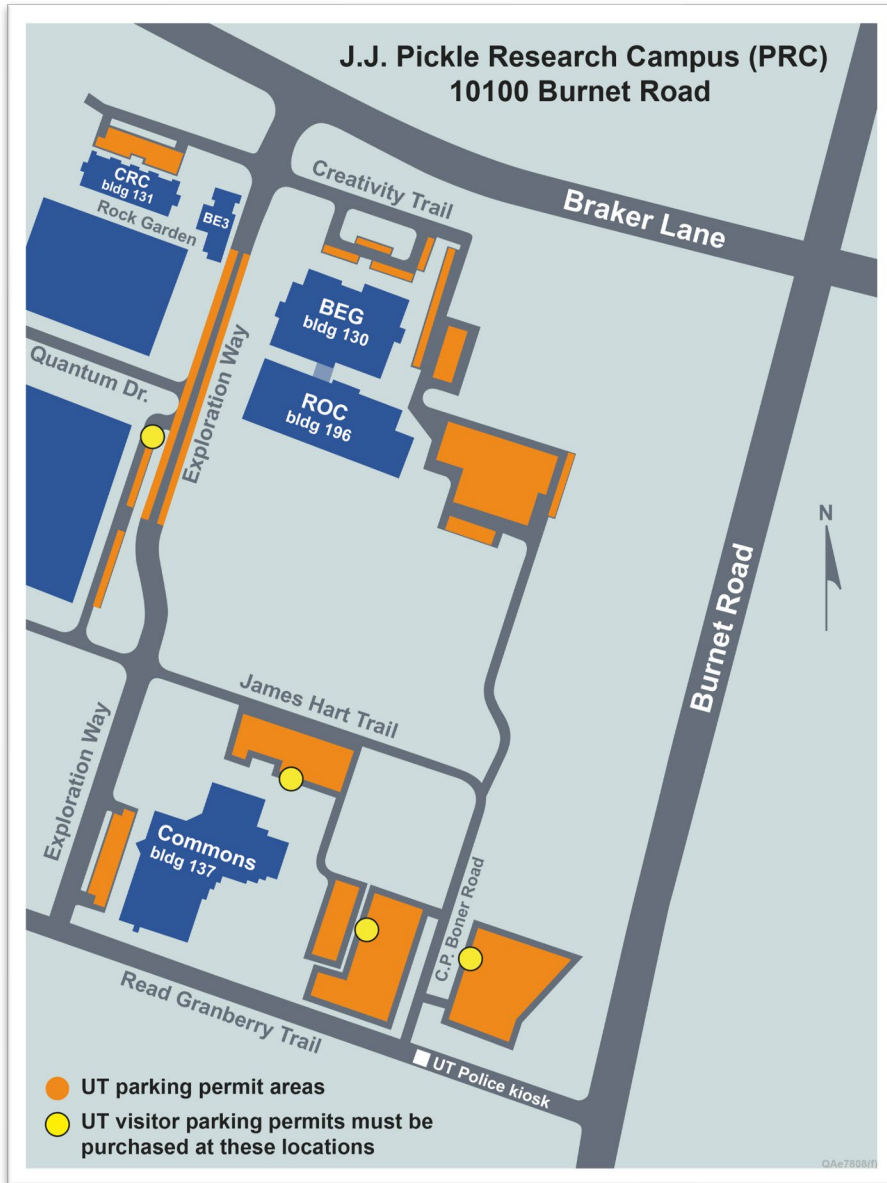
2023 Joint Annual GoMCarb - SECARB Offshore Partnerships' Meeting

Arriving In-Person at the J.J. Pickle Research Campus (PRC)

When? Technical Sessions will be held all day on April 5 and 6, and only on the morning of April 7th, 2023.

Where? This 2.5-day event will take place at the J.J. Pickle Research Campus in Austin, TX. For maps, please see: <https://commons.utexas.edu/about/directions-maps>

- **Technical Sessions** will be held on April 5, 6, and 7th at the Commons Conference Center (Commons), at the Commons Conference Center (Commons), [2901 Read Granberry Trail, Austin, TX 78758](#) To see more about directions, click [here](#).
 - We will have a light breakfast each morning and will have catered lunches for those attending on April 5 and 6th.
- **Networking Event 1** will be held on April 5th between 4:30 and 6 pm at the Core Research Center (CRC, Bldg. 131) above the Bevo Room (Bldg. BE3) on the Terrace (weather permitting). Follow the signs to the CRC located at [10901 Creativity Trail, Austin, TX 78758](#) To see more about directions, click [here](#).
 - We will have appetizers for this social event.
- **Networking Event 2** will be an informal event, that will be held on April 6th at an offsite location. Location(s) for meeting up will be discussed the day of.
 - **Recommended full-service restaurants at the Domain:**
 - Culinary Dropout (512) 777-3394
 - North Italia (512) 339-4400
 - Punch Bowl Social (big space) (512) 368-9070
 - **Breweries, Outside of the Domain, Surrounding the Pickle Research Campus:**
 - Austin Beerworks (beer + food trailer) (512) 821-2494
 - Oskar Blues Brewery Taproom (beer + food trailer) (512) 243-7054
 - Hopsquad (pizza and beer)
 - **A little further out:**
 - Taco Flats (amazing tacos and margaritas) – Burnet Road (512) 284-8352
 - Black Star Co-op: Austin Brew Pub (and Kitchen) (512) 452-2337
 - Hank's Austin (southern style, full restaurant, big space) (512) 609-8077
- **CCS Posters** will be up for all 2.5 days at the Commons Conference Center.



Parking: Parking permits are required, please be sure to purchase them at kiosks.

2023 Joint Annual GoMCarb – SECARB Offshore Partnerships' Meeting Agenda

Wednesday, April 5th, 2023

8:00 – 9:00 AM Registration, Coffee, & Continental Breakfast

9:00 – 9:10 AM Welcome, Safety Briefing & Overview of Day (Sue Hovorka from UT, Ben Wernette from SSEB & PRC Commons Staff)

9:10 – 10:30 AM Session 1 – Outreach and EEJ – Chair: Ben Wernette

- 1.1 Incorporating EEJ into Offshore Outreach – **Denise Hills, ARI**
- 1.2 State of expectation on CCS Societal Considerations and Impacts (SCI): enabling business offshore Gulf of Mexico – **Ramon Gil-Egui, UT**
- 1.3 GoM Stakeholder Outreach Survey – **Katherine Romanak, UT**
- 1.4 Training a new generation of subsurface CCS professionals – **Alex Bump, UT**
- 1.5 Review of recent GCCC Publications relevant to offshore – **Hailun Ni, UT**

10:30 – 10:45 AM Break

10:45 – 11:45 AM Session 2 – Regulatory and Legislative – Chair: Katherine Romanak, UT

- 2.1 Legislation Update – **Tip Meckel, UT**
- 2.2 International Offshore Workshop Report– **Katherine Romanak, UT**
- 2.3 Lessons from the London Protocol – **Tim Dixon, IEAGHG**
- 2.4 Offshore Permitting in Europe – **Ingvild Ombudstvedt, IOM Law (virtual)**

11:45 AM – 1:30 PM Lunch & Poster Session

1:30 – 2:55 PM Session 3 – Infrastructure – Chair: Ramon Trevino, UT

- 3.1 Impact of CO₂ Impurities on Corrosion of Infrastructure Transporting and Injecting Dense Phase CO₂ – **Jose Vera, DNV**
- 3.2 Infrastructure variability on transects – **Darshan Sachde, Trimeric**
- 3.3 Modeling and Infrastructure Considerations for the Horn Mountain Field – **Ann Oudinot, ARI**
- 3.4 Subseabed system for CO₂ injection into Horn Mountain – **Kjartan Pedersen, Aker (virtual)**
- 3.5 Development Case Studies for Offshore CO₂ Storage and EOR in the GoM – **Angus Marshall, Storegga**

2:55 – 3:10 PM Break

3:10 – 4:15 PM Session 4 Characterization & Assessment of Storage Opportunities – Project Progress – Chair: Tip Meckel

- 4.1 Offshore overview news: Who is doing what, where – **Tip Meckel, UT**
- 4.2 Lochridge projects (CarbonSafe Phase II) – **Laszlo Benkovics, Repsol**
- 4.3 Bayou Bend – **Lianne Armpriester, Chevron**
- 4.4 Port of Corpus Christi CarbonSAFE Phase II – **Tip Meckel, UT**

4:30 PM Day ends

4:30 – 6:00 PM Networking Reception

Will be held on April 5th between 4:30 and 6 pm at the Core Research Center (CRC, Bldg. 131) above the Bevo Room (Bldg. BE3; SW corner of Creativity Trail and Exploration Way) on the Terrace (weather permitting). Follow GCCC folks walking over, signs, and/map to the CRC located at [10901 Creativity Trail, Austin, TX 78758](https://www.gccc.org/10901-Creativity-Trail-Austin-TX-78758) To see more about directions, click [here](#).

Thursday, April 6th, 2023

8:00 – 9:00 AM Registration, Coffee, & Continental Breakfast

9:00 – 11:30 AM Session 5 Monitoring & Risk; Chair: *Dave Riestenberg, ARI*

- 5.1 Minimizing exposure to legacy wells – *Alex Bump, UT*
- 5.2 Assessing wellbore integrity risk in the Gulf of Mexico for Potential CO₂ storage applications in depleted fields – *Brigitte Petras, Battelle (virtual)*
- 5.3 Title TBD – *Jessica Raines, Baker Hughes*
- 5.4 Woolsey Mound, Carbon Storage and Risk Assessment – *Camelia Knapp, OSU (virtual)*

10:00 – 10:15 AM Break

- 5.5 Towards integrated seismic MVA for near-shore GCS: Characterizing passive acoustic emissions from seafloor gas leakage using DAS – *Jonathan Ajo-Franklin, Rice Univ. (virtual)*
- 5.6 High-resolution 3D (HR3D) seismic – *Tip Meckel, UT*
- 5.7 New Developments in CSEEP Attribution Method – *Abdirahman Omar, Norce*
- 5.8 Environmental MVA for the GoM – *Katherine Romanak, UT*
- 5.9 Coupled Wellbore-Reservoir Modeling to Evaluate CO₂ Injection Rate Distribution Over Multilayer Storage Zones – *Mohamed Abdelaal, LSU (virtual)*

11:30 AM – 1:30 PM Lunch & Poster Session

1:30 – 4:30 PM Session 6 Characterization & Assessment of Storage Opportunities – Chair: *George Koperna, ARI*

- 6.1 Pressure space, capacity maps and achievable storage volumes – *Alex Bump, UT*
- 6.2 Reservoir Properties and Storage Resource in the Central Gulf of Mexico – *Jack Pashin, OSU (virtual)*
- 6.3 Atlantic CCS Assessment: An Introduction & Status Update – *Dominic Smith, BOEM*
- 6.4 Sandbox model results & implications for CO₂ migration and trapping – *Hailun Ni*
- 6.5 Ripple-lamination, Sandbox Experiments – *Jose Ubillus UT*
- 6.6 Chandeleur Canyon, LA – *Marcy Purkey Phillips, UT*

2:55 – 3:10 PM Break

- 6.7 Chandeleur Sound, Louisiana – *Yushan Li, UT*
- 6.8 Capillary Pressure Measurements using Real Rock Micromodels – *Shadya Taleb Restrepo, UT*
- 6.9 Micromodels – *Richard Larson, UT*
- 6.10 On the impacts of reservoir heterogeneity for CO₂ in an offshore saline reservoir – *Ryan Pollyea, Virginia Tech*
- 6.11 Large-Scale Subsurface Models – *Reinaldo Sabbagh Maciel, UT*
- 6.12 Injection boundaries: observations from hydrocarbon production and aquifer support offshore Corpus Christi – *Chinemerem Okezie, UT*
- 6.13 Offshore Pliocene – *Ismail Faruqi, UT*
- 6.14 Reservoir compartmentalization and its impact on storage project scale, offshore Corpus Christi – *Charlie Zheng, UT*

4:30 PM Day Ends After Closing Remarks

Friday, April 7th, 2023

8:00 – 9:00 AM Continental Breakfast & Coffee

9:00 – 10:20 AM **Session 7 Automation, Machine Learning, & Data Management** – Chair: Seyyed Hossieni, UT

- 7.1 BEG SMART Project – **Hongsheng Wang, UT**
- 7.2 Data analytics on BOEM dataset – **Tim Leng, UT**
- 7.3 Predicting CO₂ solubility in Crude Oil with Data-Driven Machine Learning Models
– **Rupom Bhattacharjee, OSU (virtual)**
- 7.4 NETL EDX group – **Kelly Rose, DOE NETL**
- 7.5 3-D CFD Modeling of Subsea CO₂ Pipeline Leaks – **Vinayak Rajan, Lamar Univ.**

10:20 – 10:30 AM Break

10:30 – 11:00 AM Closing Remarks by Benjamin Wernette (SSEB) and Susan Hovorka (UT)

Posters – Will be up in the Atrium at the Commons Conference Center for the entire meeting

1. Where are you on CCS? – **Dolores van der Kolk, UT**
2. Overview of the SECARB Offshore Program – **Ben Wernette, SSEB**
3. EPA UIC Experience as a Guide to Class VI Permitting in State Waters – **Angela Luciano, UT**
4. CO₂ Storage: Reinventing Petroleum Geoscience for New Applications – **Alex Bump, UT**
5. CCS – SCI: Enabling Business in the Gulf of Mexico – **Ramon Gil-Egui, UT**
6. Sand Tank Experiments – **Jose Ubillus, UT**
7. Regional mapping of confining zones (Anahuac and *Amphistegina* B) – **Tucker Hentz, UT**
8. A seismic-based CO₂-sequestration regional assessment of the Miocene section, Gulf of Mexico, Texas and Louisiana – **Michael DeAngelo, UT**
9. Deep Saline Reservoir Modeling – **Lars Koehn, Virginia Tech**
10. Regulatory Workflow for Offshore Permitting – **Brian Snyder, LSU**