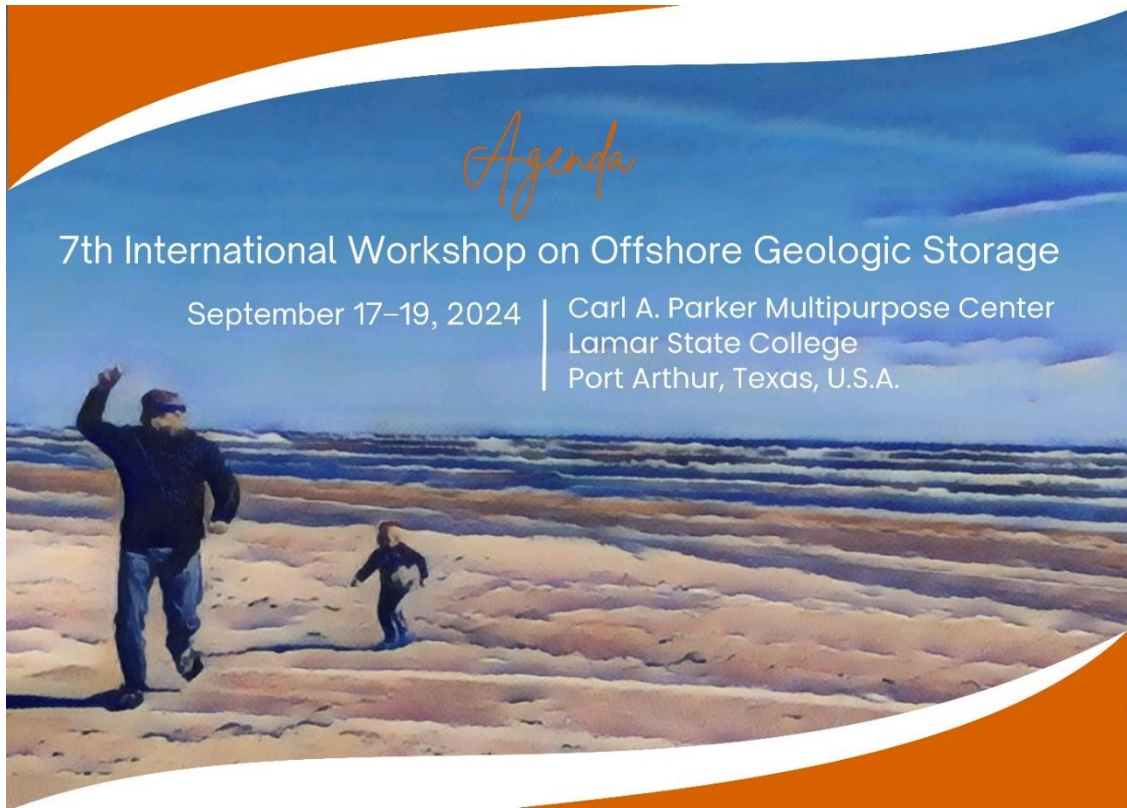




International Workshop on Offshore Geologic CO₂ Storage



7th International Workshop on Offshore Geologic CO₂ Storage

Organized by the BEG's GCCC at The University of Texas, with IEAGHG

Hosted by the Port Arthur Chamber of Commerce

Tuesday 17th – Wednesday 18th September 2024 Workshop

Thursday 19th September 2024 Field Excursion





International Workshop on Offshore Geologic CO₂ Storage

DAY 1 – Tuesday 17 th September		
SESSION 1: Welcome & Scene Setting		
09:00 – 09:10	Welcome	Tim Dixon (IEAGHG) Katherine Romanak & Tip Meckel (GCCC)
09:10 - 09:20	Welcome from hosts	Joe Tant, Port Arthur Chamber of Commerce
SESSION 2: International Project Roundup CHAIR: Katherine Romanak & CHAIR (after break): Tim Dixon		
09:20 – 09:30	Gulf of Mexico	Tip Meckel, GCCC
09:30 – 09:40	CarbonNet Pelican Project, Australia	Scott Bailey, Vic Fitzgerald, Govt of Victoria
09:40 – 09:50	Deep C Store, Australia	Daein Cha, deepC Store Ltd
09:50 – 10:00	Taiwan	Cheryl Yang, ITRI
10:00 – 10:10	South Korea	Eunsoo Jung, KCCUS
10:10 – 10:20	Petrobras' CCUS projects in the offshore scenario, Brazil	Andrea Pontual de Oliveira Weydmann, Petrobras
10:20 – 10:30	Malaysia	Haylay Tsegab Gebretsadik, Universiti Teknologi PETRONAS, Malaysia
10:30 – 10:40	Woodside, Australia	John Fox, Woodside
10:40 – 10:50	Bayu-Undan, Timor Leste	Tim Dixon, IEAGHG
10:50-11:00	Discussion/Questions	
11:00 – 11:30	Coffee Break	
11:30 – 11:40	Sleipner, Snøhvit, Smeaheia, Northern Lights & Kalundborg, Norway and Denmark	Michael Schoemann, Equinor
11:40 – 11:50		
11:50-12:00	PilotSTRATEGY- Update on the design of the offshore CO ₂ injection site in Portugal.	Pedro Miguel Pereira, Universidade de Évora
12:00-12:10	Porthos, The Netherlands	Willem-Jan Plug, EBN
12:10-12:20	Aramis, The Netherlands	Anneke Kleinpenning, Shell
12:20-12:30	Greensands, Denmark	Søren Reinhold Poulsen, INEOS Energy Denmark
12:30-12:40	UK Poseidon and Orion transport and storage projects	Nick Terrell, Carbon Catalyst
12:40-12:50	Prinos and The Mediterranean	Nikolas Rigas, EnEarth



International Workshop on Offshore Geologic CO₂ Storage

12:50-13:00	NETL Offshore CO ₂ Storage Inventory	Julia Mulhern, NETL
13:00-13:05	Project Round Up – Global Progress	Nikki Clarke, IEAGHG
13:05-13:30	Discussion / Questions	
13:30-14:30	Lunch	
SESSION 3: Challenges and Solutions to Injecting CO₂ into Depleted Fields in the Offshore CHAIR: Nikki Clarke		
14:30 – 14:45	Challenges of CO ₂ injection into depleted reservoirs	Amanda Ardill & Owain Tucker, Shell
14:45 – 15:00	Poseidon Project - preparations for UK's first well injection test	Nick Terrell, Carbon Catalyst
15:00 – 15:30	Discussion	
15:45 – 16:15	Break	
SESSION 4: Shipping & Direct Injection CHAIR: Sarah Leung		
16:15 – 16:30	Shore to shore & underwater CO ₂ Transport	Dhruv Boruah, Oceanways
16:30 – 16:45	Project Greensands, Denmark	Søren Reinhold Poulsen, INEOS Energy Denmark
16:45 – 17:00	Shipping and offshore direct injection of CO ₂ in geological storage	Haije Stigter, Carbon Collectors
17:00-17:30	Discussion	
Reception - 18:00-20:00 at the same location		



International Workshop on Offshore Geologic CO₂ Storage

DAY 2 – Wednesday 18th September		
SESSION 5: Public Engagement CHAIR: Tip Meckel		
09:00 – 09:15	Gulf of Mexico: Local stakeholders' perspective	Sue Hovorka, TEXLA CMC
09:15-9:30	IRA Prevailing Wage and Apprenticeship Requirements	Melvin White, MRSW
9:30-9:45	Social science research application in UK offshore energy transition projects' – baseline survey results	Darrick Evensen, University of Edinburgh
9:45-10:00	Social science research application in UK offshore energy transition projects' - MOET	Elizabeth Gabe-Thomas, PML & Hazel Napier, BGS
10:00-10:39	Discussion	
11:30-11.00	Break	
SESSION 6: Managing Risk of Potential Leakage Pathways & Products (CO₂, brine, other) in the Offshore CHAIR: Amanda Ardill		
11:00 – 11:15	Environmental monitoring and risk perspective - Global scene setting	Katherine Romanak, GCCC
11:15-11.30	Well remediation or 'do nothing' - a risk perspective	George Ormerod, Risktec
11:30-11:45	Quantitative assessment of potential CO ₂ leakage volumes in the Dutch North Sea	Al Moghadam, Filip Neele, TNO
11:45-12:00	Update on recent HR3D survey and activity in the GOM	Tip Meckel, GCCC
12:00-12:30	Discussion	
12:30-13:30	Lunch	
SESSION 7: Interactive Session – Evaluating Well Risk CHAIR: Sue Hovorka		
13:30-14:15	Interactive session	Sue Hovorka, GCCC & Amanda Ardill, Shell
14:15-14:45	Afternoon Coffee	



International Workshop on Offshore Geologic CO₂ Storage

SESSION 8: Regulatory factors to consider CHAIR: Sue Hovorka		
14:45-15:00	Overview	Tim Dixon, IEAGHG
15:00-15:15	Update from BOEM	Melissa Batum, BOEM
15:15-15:30	Development of Australia's National Action List for offshore CCS	Andrew Ross, CSIRO
15:30-15:45	Update from the working group on CO ₂ standards, ICM Forum, European Commission	Filip Neele, TNO
15:45-16:00	CO ₂ streams	Adriaan Kodde, Shell
16:00-16:30	Discussion	
SESSION 9: Closing		
16:30-17:00	Summary & Recommendations	Tim Dixon, Katherine Romanak, Sue Hovorka, & Charles Jenkins
Close of Day 2		

DAY 3 – Thursday 19 th September		
Field Excursion (tentative times)		
09:00	Meet at Lamar State College, Carl A. Parker Multipurpose Center to board bus	
09:30 – 10:30	CO ₂ Transport – ExxonMobil Green Pipeline – <i>Beaumont Pump Station</i>	Exxon Mobil
11:00-12:30	Well-Logging Tools demonstration - <i>Lamar State College</i> (lunch provided)	Baker Hughes
13:00-14:30	Geological CO ₂ Storage: Modern Analogue for Subsurface Geologic Storage Reservoirs Regional Wildlife Landscape and Impacts of Clean Energy Development – <i>Sea Rim State Park</i>	Tip Meckel Tim Dixon, Katherine Romanak John DeFillipo, Regional Executive Director, Southcentral National Wildlife Federation
15:00	Return to Lamar State College, Carl A. Parker Multipurpose Center	
Close of Day 3		



International Workshop on Offshore Geologic CO₂ Storage



Workshop & Reception location at Building No. 24: Carl A. Parker Multipurpose
1800 Lakeshore Dr, Port Arthur, TX 77640