

2025 CCUS CONFERENCE

04 DECEMBER, 2025, BA RIA - HO CHI MINH - VIET NAM



2025 CCUS Conference

Where The Business World Meets

2025 CCUS Conference marks the second collaboration between Petrovietnam University (PNU) and New Mexico Institute of Mining and Technology (NMT) on Carbon Capture, Utilization, and Storage (CCUS).

Our goal is to spearhead initiatives and foster innovation that will lead the way for CCUS technologies in Vietnam and Southeast Asia. This pioneering event aims to set a foundational platform for future research, development, and implementation of CCUS technologies, ensuring sustainable energy solutions that are critical for the region's environmental and economic future.

[Register](#)

[To complete your registration for this event, you need to be logged in. Please log in to your existing account or create a new one.]

BASIC INFORMATION & RULES

The Conference will take place as follows:

Date: December 4, 2025

Venue: Petrovietnam University, 762 Cach Mang Thang B, Ba Ria Ward, Ho Chi Minh City, Viet Nam

We invite you to submit a title & abstract in the 2025 CCUS Conference. Abstracts must be submitted via [Google form](#)

Submitted abstracts can be considered for oral presentations – as talks of 15-20 mins.

Deadline: October 04th, 2025

Mandatory requirements

- Attendance bio: Fullname/Workplace/Position/Contact information
- Titles
- Abstracts

[Please [log in](#) to submit your abstract or presentation]

[Submit your abstracts](#)

Submit your full presentations

After we receive all the titles and abstracts submitted by you, based on the relevancy of the content, the Committee will select the titles and abstracts that will be presented at the CCUS 2025 Conference.

The selection criteria will be addressed in the Important Points, section below.

We will send official notifications via email to presenters whose titles and abstracts are suitable for the CCUS 2025 Conference. We kindly request that these presenters submit their full presentations using the form below before November 15th, 2025.

[Submit full presentation](#)

Event Schedules

762 Cach Mang Thang Tam, Long Toan Ward, Ba Ria City, Ba Ria Vung Tau Province, Vietnam

Local tour registration [December 3, 2025]

Time	Session / Details
08:00 – 08:50	Registration
08:50 – 09:00	Welcome and Opening remark – Rector Phan Minh Quoc Binh
09:00 – 09:30	Early Adoption of CCUS Projects Using Existing Oil/Gas Wells: Inf. Case Study Western USA Prof. Dr. Robert Balch – Director of PRRC at NMT (Keynote speaker)
09:30 – 10:00	Implementation of CCS at Petrovietnam and Legal Framework Recommendations Dr. Nguyen Dieu Muong – Strategy Division, Petrovietnam
10:00 – 10:30	Photo session & coffee break
Section 1: Reservoir Characterization, Subsurface Storage Modeling, Site Selection, and MRV Chairs: Prof. Dr. Jihoon Wang and Prof. Dr. Pham Huy Giao	
10:30 – 11:00	Application of A New Permeability-Linked Adaptive Rock Physics Template (x-ARPT) to Characterize A Depleted Gas and Reservoir with Reference to CCUS Application Prof. Dr. Pham Huy Giao – Petrovietnam University
11:00 – 11:30	Four Corners Carbon Management Hub Prof. Dr. William Ampomah – NMT
11:30 – 12:00	Application of Smart Proxy Model for Multi-Optimization of CO ₂ - EOR Design in Farnsworth Unit with Production-Injection Well Conversion Prof. Dr. Jihoon Wang – Hanyang University
12:00 – 12:30	Lunch
Section 2: Area of Review, Risk Analysis, Well Design, Class VI Permitting, and Infrastructure Chairs: Prof. Dr. Tan Nguyen and Dr. Bui Thanh Binh	
13:30 – 14:00	Preliminary Assessment of CO ₂ Storage Capacity in Deep Saline Aquifers of the Mekong Delta, Southern Vietnam: A Volumetric Approach Dr. Ta Quoc Dung – Ho Chi Minh University of Technology
14:00 – 14:30	Evaluation of Geological CO ₂ Storage Capacity in the Song Hong Basin, Offshore Vietnam MSc. Nguyen Quang Tuan – Vietnam Petroleum Institute, Petrovietnam
14:30 – 14:55	Class VI Well Design for Geological CO ₂ Storage under High Temperature and Pressure HyukHyun Kim – Hanyang University
14:55 – 15:10	Coffee break
Section 3: CO₂ Capture, CO₂-EOR, CO₂ Utilization, and Hydrogen Chairs: Prof. Dr. William Ampomah and Dr. Ta Quoc Dung	
15:10 – 15:35	Implementation of CO ₂ Injection for EOR in X-Field – Offshore Vietnam Dr. Duc Pham (NMT)
15:35 – 16:00	Experimental Analysis of Chemical Property Alterations in Brine Induced by Reactions with Supercritical CO ₂ Gyeon Kim – Hanyang University
16:00 – 16:25	Multi-Objective Optimization by Smart Proxy Model for Geological CO ₂ Storage Design in an Over-Pressured Aquifer in the Ulsung Basin Seongjun You – Hanyang University
16:25 – 16:35	Wrap-up Prof. Dr. Robert Balch and Prof. Dr. Pham Huy Giao

Contact

