

CCS Technical Workshop 2026

Date/Time: January 21, 2026 (Wed.)

13:00–17:30 (Registration: 12:15, JST, UTC+9)

Venue: JP TOWER Hall & Conference and Web Streaming

Organizer: Geological Carbon Dioxide Storage Technology Research Association (GCS)

Co-organizer: Ministry of Economy, Trade and Industry (METI)

New Energy and Industrial Technology Development Organization (NEDO)

Free of charge

Languages: Japanese and English
(simultaneous interpretation available)

A networking reception will be held after the workshop (Fee: JPY 3,000).

Moderator: Prof. Toshifumi Matsuoka, Professor Emeritus, Kyoto University

12:15 -	Registration Open & Poster Exhibition	
13:00 - 13:05	Opening Remarks	Shinichi Hiramatsu President, Geological Carbon Dioxide Storage Technology Research Association (GCS)
13:05 - 13:10	Greetings from Co-organizer	Yoshinori Keino Director, CCS Policy office, Natural Resources and Fuel Department Agency for Natural Resources and Energy, the Ministry of Economy, Trade and Industry of Japan (METI)
13:10 - 13:15	Greetings from Co-organizer	Shigekazu Fukunaga Director General, Environment Department, New Energy and Industrial Technology Development Organization
13:15 - 13:20	Scene Setting	Toshifumi Matsuoka Professor Emeritus, Kyoto University
13:20 - 14:20	Presentation 1: CCUS at Decatur, Illinois: Past, Present, Future (Web)	Sallie E. Greenberg Principal, Sallie Greenberg Consulting Former Principle Research Scientist - Energy and Minerals Illinois State Geological Survey
14:20 - 15:20	Presentation 2: Challenges and enablers for large-scale CO2 storage - What We Have, What We Need -	Ziqiu Xue Director, Technical Department, Geological Carbon Dioxide Storage Technology Research Association
15:20 - 16:00	Poster Session & Coffee Break	
16:00 - 17:00	Presentation 3: Large-Scale CCS Projects and the Role of Research and Development in CCS Commercialization in North Dakota, U.S.A.	Kevin C. Connors Assistant Director for Regulatory Compliance and Energy Policy Energy and Environmental Research Center (EERC), University of North Dakota
17:00 - 17:20	Presentation 4: JOGMEC's Initiatives toward CCS Business Development	Ryuta Kitamura Director General, CCS Project Department Energy Business Unit Japan Organization for Metals and Energy Security (JOGMEC)
17:20 - 17:25	Wrap-up	Toshifumi Matsuoka Professor Emeritus, Kyoto University
17:25 - 17:30	Closing Remarks	Yoshiyuki Shimoda, Director, Geological Carbon Dioxide Storage Technology Research Association

Note: Speakers, topics, and presentation times are subject to change.



**Geological Carbon Dioxide Storage
Technology Research Association**



The following corporations participate in GCS.

Oyo Corporation, INPEX CORPORATION, Japan Petroleum Exploration Co., Ltd., TAISEI CORPORATION, J-POWER, ENEOS Xplora Inc., ITOCHU Oil Exploration Co., Ltd., MITSUBISHI GAS CHEMICAL COMPANY, INC., JGI, Inc., TOHO EARTHTECH, INC., JX Metals Resources Exploration & Development Co., Ltd., National Institute of Advanced Industrial Science and Technology (AIST), and Research Institute of Innovative Technology for the Earth (RITE)

Background and Purpose of the Workshop

In Japan, the CCS Business Act was enacted in May 2024, and the environment for commercializing CCS is being established, including the acceleration of advanced CCS projects led by the Ministry of Economy, Trade and Industry (METI) and JOGMEC.

Geological Carbon Dioxide Storage Technology Research Association (GCS) is also advancing technological development essential for enhancing safety and reducing costs in CCS project deployment, as a commissioned project by the New Energy and Industrial Technology Development Organization (NEDO). Specifically, GCS is advancing field demonstrations of multi-sensing technology using optical fibers at actual sites and developing evaluation methods for the fault safety and integrity around CO₂ storage sites, receiving high recognition both domestically and internationally. Furthermore, it is engaged in research supporting CCS economic evaluation and policy development, such as building a "CO₂ Emission Source Database" and a "CCS Project Cost Estimation Tool."

This workshop will first introduce the past, present and future of Decatur, a large-scale CCUS project in Illinois, USA. Next, GCS will talk on its efforts and the role of R&D for CCS commercialization. Following this, the Energy and Environmental Research Center (EERC) at the University of North Dakota, which is conducting joint research with GCS, will introduce latest developments in large-scale CCS projects and the CCS commercialization in North Dakota, USA. Furthermore, JOGMEC will introduce cost reduction strategies for advancing CCS commercialization.

Additionally, a poster session and a networking reception will be held, providing opportunities for exchanging views with the invited speakers and researchers concerned.

We look forward to welcoming all those interested in the latest developments in CCS in Japan and overseas.

Access to the Venue

JP TOWER Hall & Conference

KITTE 4F, 2-7-2 Marunouchi, Chiyoda-ku, Tokyo

<https://www.jptower-hall.jp/#access>

- Approx. 1-min. walk from JR Tokyo Sta. (directly connected underground from Tokyo Sta. on the Marunouchi Line)

Information

<https://www.rite.or.jp/en/news/events/2025/12/ccs2026.html>

How to register

Please register through the website above.

Registration deadline (on-site):
January 13, 2026

Registration deadline (web streaming):
January 16, 2026

If you are unable to register through the website, please send the following information by email. The required information for registration is as follows:

1. Preferred participation method (Mandatory):
on-site / online
2. Networking Reception Participate (Fee: JPY 3,000)(Mandatory): Yes / No
3. Name(Mandatory):
4. Company name (Mandatory):
5. Department name(Mandatory):
6. Title(Mandatory):
7. Email address(Mandatory):
8. Country(Mandatory):
9. Do you want us to send information on similar events in the future?: Yes / No

Note: The personal information you provide may be used to create a participant list and provide event-related information.

Contact Us

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