



The Role of Carbon Storage and Geologic Utilization in Meeting Regional Carbon-neutrality Goals

Workshop Information:

Date: December 14, 2021

Time: 9:00 am – 1:00 pm MT

Location: Held via Webex with no cost to attend

Registration: [Click here to register.](#)

The Intermountain West Energy Sustainability & Transitions (I-WEST) project is focused on delivering a regionally relevant technology roadmap to transition six U.S. intermountain west states to a carbon-neutral energy economy. I-WEST encompasses Arizona, Colorado, Montana, New Mexico, Utah, and Wyoming. The project is taking a place-based approach, which prioritizes the geographical attributes, economic landscape, and societal readiness of the region. Learn more online at www.iwest.org.

Why join this workshop?

Technologies to capture carbon dioxide, coupled with carbon capture, utilization, and storage (CCUS), are important components in a strategy to achieve carbon neutrality. Additionally, CCUS can play a significant role economically as communities transition to carbon-neutral energy systems. This workshop will solicit perspectives from a subset of stakeholders on issues related to CO₂ storage and utilization in the Intermountain West region.

The primary goal of the workshop is to identify and quantify various CO₂ storage and utilization technologies that will evolve over the next 5, 10, and 15 years. The objectives for the workshop are to

- define and describe how captured CO₂ can be managed via geologic storage or subsurface utilization methods in support of regional carbon management strategies;
- develop a consensus on the likely growth of subsurface utilization and storage in the region over the next 15 years, based on currently available and anticipated advances in technologies;
- identify technological and non-technological considerations that could facilitate a full realization of this economic opportunity (e.g., as related to R&D, infrastructure, policy landscape, societal readiness);
- facilitate networking across CO₂ storage and geologic utilization projects, identify opportunities for collaboration, and discuss pathways to build new CO₂-based economies; and
- share experiences, lessons learned, and best practices amongst project leaders that have or are planning to conduct CO₂ storage/utilization operations within the I-WEST region.

Input received at this workshop will feed directly into the I-WEST technology roadmap. Additionally, expert knowledge will be presented by field practitioners currently leading CO₂ storage/utilization projects.

Informative and Interactive

The format of this workshop will be a combination of 1) technical perspectives on CO₂ storage and utilization topics by current or emerging project leaders from the Intermountain West region, and 2) facilitated discussions in which participants and attendees can ask questions.

Workshop Agenda

Time (MT)	Topic	Presenter / Moderator
9:00 am	Welcome Remarks	Derek Vikara – NETL
9:05 am	Welcome Remarks from LANL	Melissa Fox – LANL
9:10 am	DOE HQ Perspective on I-WEST Project	John Litynski - DOE FECM
9:15 am	Workshop Overview	Derek Vikara – NETL
9:25 am	Take-aways from CO ₂ Capture Workshop	James Gattiker and Raj Singh – LANL
9:35 am	Project overviews from participants	Moderator: Derek Vikara – NETL Presenters: Project PI's
10:00 am	Technical Roundtable Discussion	Moderators: Tim Grant – NETL Lee Spangler – Montana State University Presenters: Project PI's
11:30 am	Break (5 min)	
11:35 am	Policy and Economic Roundtable Discussion	Moderators: David Morgan – NETL Kipp Coddington – Univ. of Wyoming Presenters: Project PI's
12:50 pm	Closing Remarks	Moderator: Derek Vikara – NETL Presenters: Tim Grant – NETL Lee Spangler – Montana State University David Morgan – NETL Kipp Coddington – Univ. of Wyoming