



# Air Resources Board



**Matthew Rodriguez**  
Secretary for  
Environmental Protection

**Mary D. Nichols, Chair**  
1001 I Street • P.O. Box 2815  
Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)

**Edmund G. Brown Jr.**  
Governor

April 18, 2017

Dear Sir or Madam:

The California Air Resources Board (ARB) staff invites you to participate in a public workshop on ARB's Carbon Capture and Sequestration (CCS) program. Carbon capture and sequestration can reduce lifecycle carbon emissions from fuels by capturing and sequestering CO<sub>2</sub> from fuel production. However, currently CCS projects cannot participate in ARB's Low Carbon Fuel Standard (LCFS) program. Staff is currently developing amendments to the LCFS regulation. As part of these amendments we plan to include provisions and requirements for how CCS projects can participate in the LCFS.

At this workshop, ARB staff will present an overview of activities conducted by the CCS program in 2016, and an initial concept of a Quantification Methodology (QM) and Permanence Protocol for CCS. The QM would define how to account for emission reductions from CCS. The permanence protocol would define what requirements CCS projects would be held to in order to ensure permanent sequestration of CO<sub>2</sub>, a prerequisite for CCS projects to participate in the LCFS.

In addition, the workshop will include a presentation by Lawrence Berkeley National Lab on CCS project site requirement recommendations they produced under contract with ARB. There will also be an opportunity for questions, feedback, and presentations by stakeholders and members of the public. Following the workshop, stakeholders and members of the public may send additional feedback.

Prior to the workshop, an agenda, staff presentations, and any supporting information will be posted at <https://www.arb.ca.gov/cc/ccs/meetings/meetings.htm>.

The workshop will be held at the following time and location:

**DATE:** Monday, May 8, 2017  
**TIME:** 1:00 p.m. to 4:00 p.m.  
**LOCATION:** Sierra Hearing Room  
**ADDRESS:** Cal/EPA Headquarters Building  
1001 "I" Street  
Sacramento, California 95814

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.*

California Environmental Protection Agency

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Directions to the California Environmental Protection Agency (Cal/EPA) headquarters and public transit can be found at the Cal/EPA website at <http://www.calepa.ca.gov/headquarters-sacramento/location/>.

This workshop will be webcast. You may access the webcast at <https://video.calepa.ca.gov/>. During the webcast, we will accept feedback and questions sent via email to [sierrarm@calepa.ca.gov](mailto:sierrarm@calepa.ca.gov). After the workshop, you may submit feedback directly to Ms. Xuping Li at [Xuping.Li@arb.ca.gov](mailto:Xuping.Li@arb.ca.gov).

You may participate in this workshop by teleconference by dialing **888-425-9978** (for domestic) or **1-312-470-0197** (for international), give the participant code: **6598568** and leader name: **Ms. Elizabeth Scheehle**. Please note that if you call internationally, it is a toll call.

If you would like to make a presentation at this workshop please contact Ms. Xuping Li by May 3, 2017 at [Xuping.Li@arb.ca.gov](mailto:Xuping.Li@arb.ca.gov).

If you require special accommodation for the scheduled meeting or need this document in an alternate format (e.g., Braille, large print) or another language, please contact Mr. Val Montoya at (916) 324-0428 as soon as possible. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

We welcome and encourage your participation in this effort. If you have questions about the workshop, please contact me at (916) 322-7630 or via email at [Elizabeth.Scheehle@arb.ca.gov](mailto:Elizabeth.Scheehle@arb.ca.gov), or Ms. Xuping Li at (916) 322-9148 or via email at [Xuping.Li@arb.ca.gov](mailto:Xuping.Li@arb.ca.gov).

Sincerely,



Elizabeth Scheehle, Chief  
Oil and Gas and Greenhouse Gas Mitigation Branch  
Industrial Strategies Division

Enclosure

cc: Xuping Li  
Air Resources Engineer  
Emerging Technology Section

## Public Workshop on ARB's Carbon Capture and Sequestration Program

Monday, May 8, 2017  
1:00 p.m. to 4:00 p.m.  
Ca/EPA Headquarters Building  
Sierra Hearing Room, Second Floor  
1001 I Street  
Sacramento, California 95814

### Draft Agenda

- Introduction
- ARB Staff Presentation
- LBNL Presentation
- Stakeholder Presentations (If any)
- Discussion and Comments

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