

Land Use Change Public Forum - Agenda

November 6, 2025

9:00 – 9:10 AM | Welcome and Overview

Speaker: Division Chief Matt Botill – CARB

9:10 – 10:50 AM | Recent Research on Domestic and International Land Use Change (LUC) - Why does LUC matter?

Focus Areas: Research on macro-scale biofuel and feedstock trade dynamics. LUC concerns or lack thereof based on biofuel demand, supply, and current LUC research. Recent empirical and satellite data and their uses. Modeling global land use change.

9:10-10:25 **Speakers:**

- **Dr. Chris Malins** – Cerulogy
- **Dr. Wyatt Thompson** – University of Missouri
- **Timothy Searchinger, J.D.** – Princeton University
- **Dr. Tyler Lark** – Michigan State University
- **Dr. David Clay** – South Dakota State University

10:25 – 10:50 **Q&A led by Dillon Miner and Dr. Paul Furumo – CARB**

11:00 – 12:00 AM | International Jurisdictions' Perspectives on LUC

Focus Areas: Brazilian states' discussion of biofuel feedstock production and forest conservation policy and implementation. Focus is on federal and state policy, monitoring, and enforcement to protect forests and address concerns of deforestation while balancing rural economies.

11:00 – 11:40 **Speakers:**

- **Jason Gray** – Governors’ Climate and Forests Task Force
- **Secretary Mauren Lazzaretti** – Secretary for the Environment/SEMA – Mato Grosso, Brazil
- **Secretary Divaldo José da Costa Rezende** – State Secretary for Environment and Water Resources – Tocantins, Brazil

11:40 – 12:00 **Q&A led by Dr. Paul Furumo** – CARB

12:00 – 12:50 PM

Lunch Break

12:50 – 1:00 PM | Welcome back and LUC assessment research project

Speaker: Dr. Colin Murphy – University of California, Davis

1:00 – 2:35 PM | Deep Dive: Operationalizing LUC – Risks and Tools & Modeling Land Use Change

Focus Areas: Overview of specific models used in domestic and international policy frameworks for addressing LUC. Review recent research and improvements to assumptions, elasticities, data sources, and uncertainty management tools. Discussion of empirical economic and land use data as they inform LUC models.

1:00 – 2:15 **Speakers:**

- **Dr. Colin Murphy** – University of California, Davis
- **Dr. Farzad Taheripour** – Purdue University (GTAP model)
- **Dr. Steve Berry** – Yale University (GTAP model)
- **Page Kyle** – Pacific Northwest National Laboratory (GCAM model)
- **Dr. Stefan Frank** – International Institute for Applied Systems Analysis, (GLOBIOM model)

2:15 – 2:35 **Q&A led by Dr. Jeffrey Clary** – Foundation for California Community Colleges

2:40 – 3:45 PM | Modeling Novel Crop Feedstocks

Focus Areas: Discuss novel crop feedstocks like camelina, carinata, macauba, and winter canola, and the limitations of modeling LUC for secondary, cover, or other novel crops, their growth potential and benefits, and how international programs approach them.

2:40 – 3:25 **Speakers:**

- **Patricia Grossi** – Acelen
- **Noah Verleun** – Global Clean Energy
- **John Sens** – Chevron

3:25 – 3:45 **Q&A led by Farhana Sharmin** – CARB

3:50 – 4:40 PM | UCO Sustainability and Traceability

Focus Areas: Updates on Used Cooking Oil (UCO) traceability, certification, recent concerns of UCO backfilling, and future policy considerations.

3:50 – 4:20 **Speakers:**

- **Dr. Jeffrey O’Hara** – U.S. Department of Agriculture
- **Don Scott** – SCS Global

4:20-4:40 **Q&A led by Dillon Miner** – CARB

4:40 – 5:10 PM | Public Comment

5:10 – 5:20 PM | Wrap-Up and Next Steps

Speaker: Division Chief Matt Botill – CARB