

Public Workshop on the Natural and Working Lands Climate Change Implementation Plan and CALAND Model Development

October 13, 2017



Meeting Goals

- Introduce the Natural and Working Lands Implementation Plan
- Present and solicit feedback on Version 2 of the Natural and Working Lands Carbon and Greenhouse Gas Model (CALAND)
- Discuss Next Steps

Agenda

- Introduction of the NWL Implementation Plan
- Overview of CALAND Model Development and Next Steps
- Presentation on Updates to CALAND Model
- Small Group Discussions on CALAND Model
 - Forests
 - Agricultural Lands (Cultivated lands and Rangelands)
- Summary of Key Themes
- Overview of Next Steps and Adjourn



**Proposed Process:
Natural and Working Lands Climate
Change Implementation Plan**

Natural and Working Lands Implementation Plan

Set a pathway to meet sector objectives and intervention-based goal

Objectives for Natural and Working Lands

- Net zero or negative greenhouse gas emissions
- Minimize, where appropriate, net greenhouse gas and black carbon emissions

Intervention-Based Goal

Preliminary goal for sequestering and avoiding emissions by at least 15-20 MMT by 2030 through existing pathways and new incentives

NWL Implementation Plan Content

The Implementation Plan will include:

- a projection of emissions for all NWL statewide under business-as-usual as determined by available data and modeling tools including CALAND;
- alternative scenarios made up of a suite of land conservation, management, and restoration interventions;
- the expected climate impacts of the business-as-usual vs. alternative scenarios;
- recommended land use and management interventions that could be taken by State departments, boards, and conservancies to increase sequestration and avoid emissions.

NWL Implementation Plan Timeline

- Today's workshop introducing the Implementation Plan and presenting on CALAND technical advancements
- Ongoing work on quantification and modeling methods including the CALAND model and CALAND Technical Advisory Committee
- Spring 2018: Release a draft Implementation Plan with a public workshop and comment period
- Summer 2018: Release final Implementation Plan

NWL Implementation Plan Comments

Submit comments on the Natural and Working Lands Implementation Plan by October 30, 2017 at:

<https://www.arb.ca.gov/cc/scopingplan/meetings/meetings.htm>

For questions on the Implementation Plan contact:

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A scenic landscape featuring a calm lake in the foreground that reflects the surrounding green mountains and a bright sky. The mountains are covered in dense forest, and the overall atmosphere is serene and natural. The text is overlaid on the center of the image.

Natural and Working Lands Carbon and Greenhouse Gas Model (CALAND)

Important Dates

- October ~~23~~ 30: Submit Technical Advisory Committee application to NWL@resources.ca.gov
- October 30: Submit CALAND comments to NWL@resources.ca.gov
- November: Public members for Technical Advisory Committee selected and notified
- December: Deep-dive webinars for forests and agricultural lands