

# 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

A scenic landscape featuring a calm lake in the foreground, reflecting the surrounding environment. In the background, there are forested mountains under a bright sky. A strong light source, likely the sun, is positioned behind the mountains, creating a prominent lens flare and illuminating the scene. The overall color palette is dominated by blues, greens, and whites, giving it a serene and natural feel.

# **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, reflecting the surrounding environment. In the background, there are misty, forested mountains. A faint rainbow is visible in the sky above the water. The overall atmosphere is serene and natural.

# **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](mailto:NWL@resources.ca.gov)
- October 30: Submit CALAND comments to [NWL@resources.ca.gov](mailto:NWL@resources.ca.gov)
- November: Public members for Technical Advisory Committee selected and notified
- December: Deep-dive webinars for forests and agricultural lands