

CALIFORNIA BOARD OF FORESTRY AND FIRE PROTECTION

The Forested Landscape and Water

A Presentation to the Water Commission

August 20, 2014

George “YG Gentry, Executive Officer



FRAP Assessment



**CAL
FIRE**

Assessment

The 2010 Forest and Range Assessment: Final Document

California's Forests and Rangelands: 2010 Assessment was completed and delivered to the U.S. Forest Service on June 18, 2010. You may download the final document in its entirety or by chapter here. Maps, data and tables associated with each analysis can be found on the individual subtheme pages.

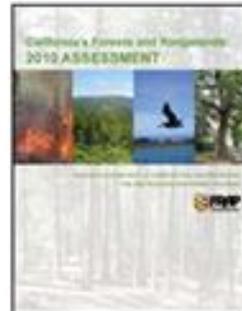
Hard copies of the Assessment and Strategies documents are available in limited supply upon request. If you would like a hard copy of either or both documents, please contact Lisa Hartman at (916) 327-3939.

Full Assessment

California's Forests and Rangelands: 2010 Assessment (.pdf, 26MB)

Strategy Report

California's Forests And Rangelands: 2010 Strategy Report (.pdf, 3MB)



Assessment Links

- FRASC
- 2015
- 2010
- 2003

2010 Assessment

- Final Document
- Assessment Basics
- Key Topics
- Project Details
 - Themes and Subthemes
 - Maps, Data, Tables and Methods
 - Analytical Framework
 - Priority Landscapes Mapper
- Definitions and Terms
- People and Contacts

Fire Plan

2010 STRATEGIC FIRE PLAN FOR CALIFORNIA

A vision for a natural environment that is more resilient and man-made assets which are more resistant to the occurrence and effects of wildland fire through local, state, federal and private partnerships.



STATE BOARD OF FORESTRY AND FIRE
PROTECTION

CALIFORNIA DEPARTMENT OF FORESTRY AND
FIRE PROTECTION



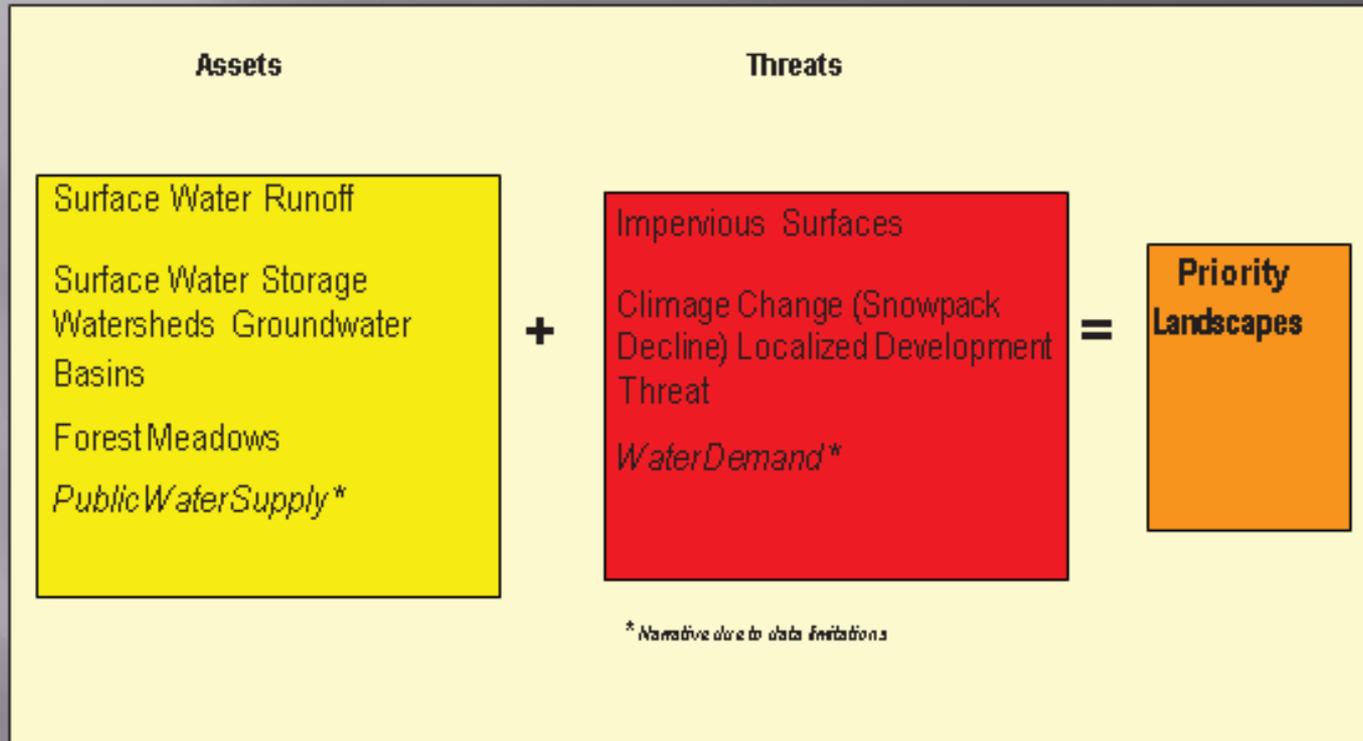
THE BOARD OF FORESTRY AND FIRE PROTECTION

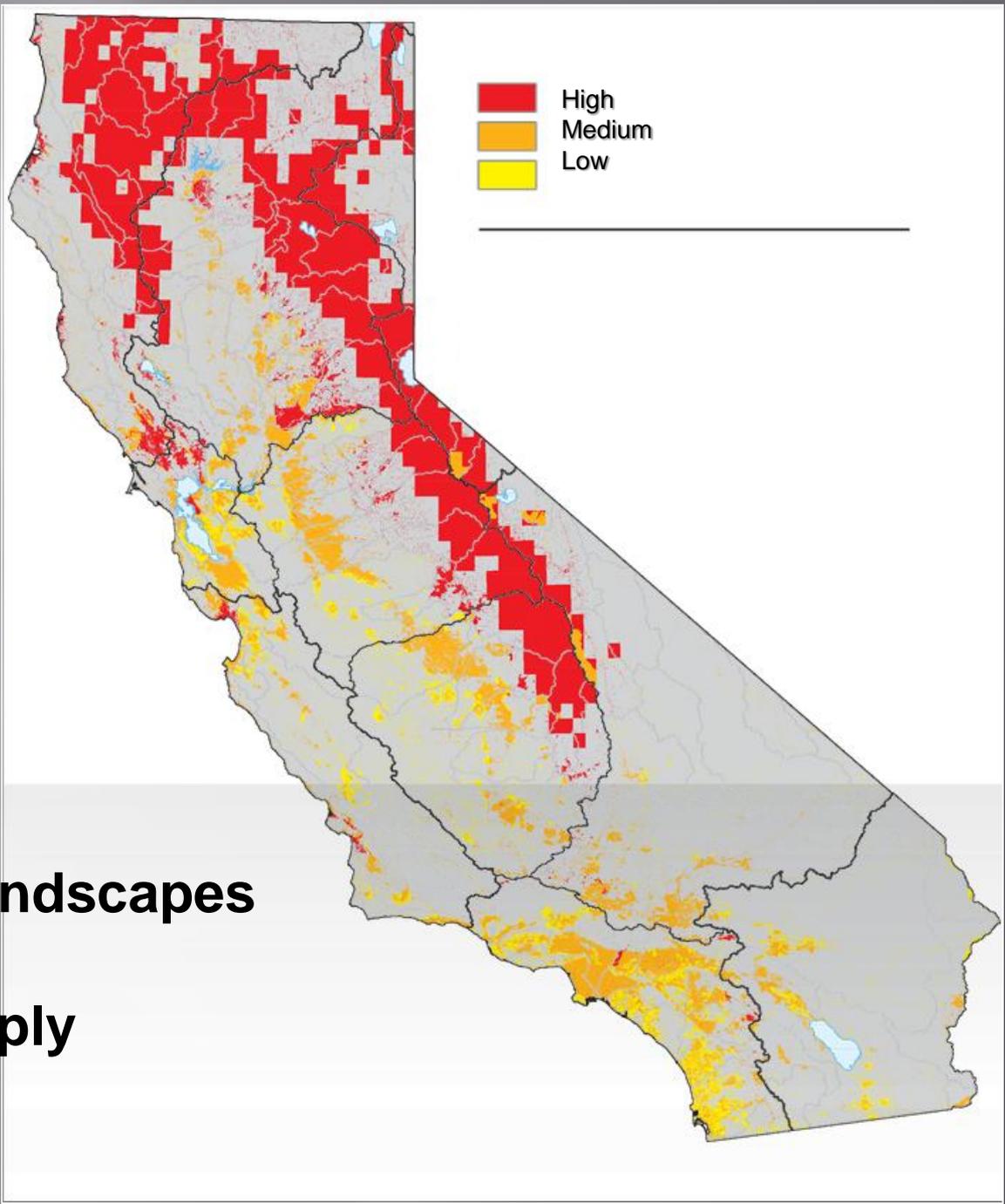
2013 ANNUAL REPORT



Annual Report

Water Supply

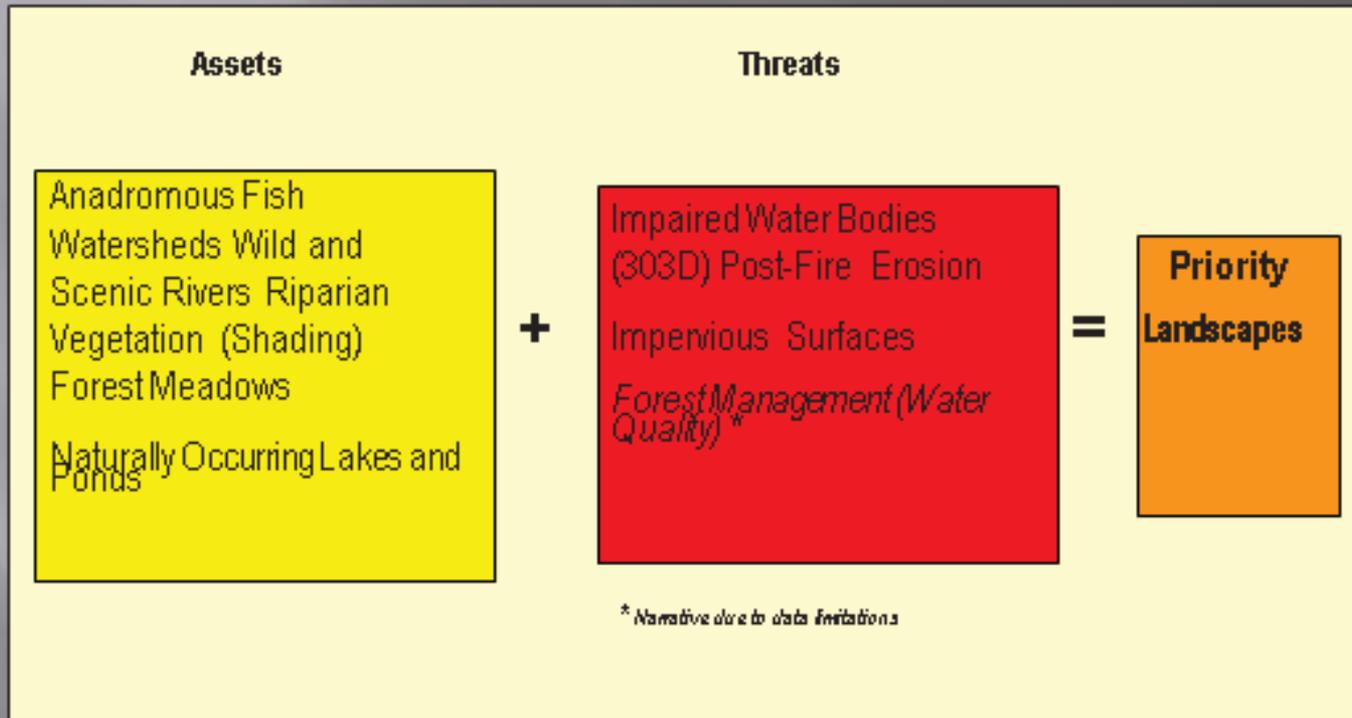




Priority Landscapes

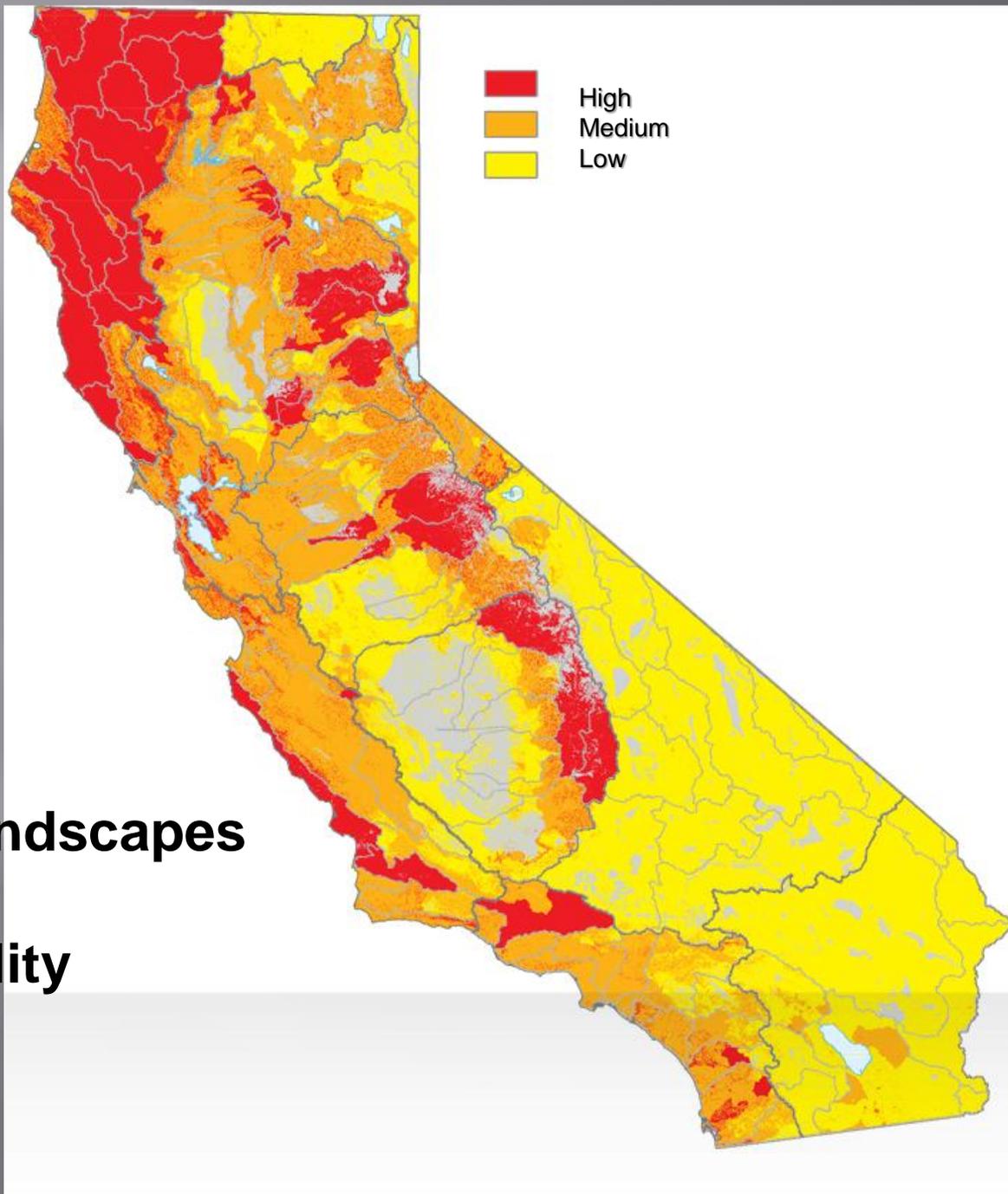
Water Supply

Water Quality



Priority Landscapes

Water Quality



Bagley Fire- 46,000 Acres

Pit River and McCloud River



Sheet Erosion



Gullying



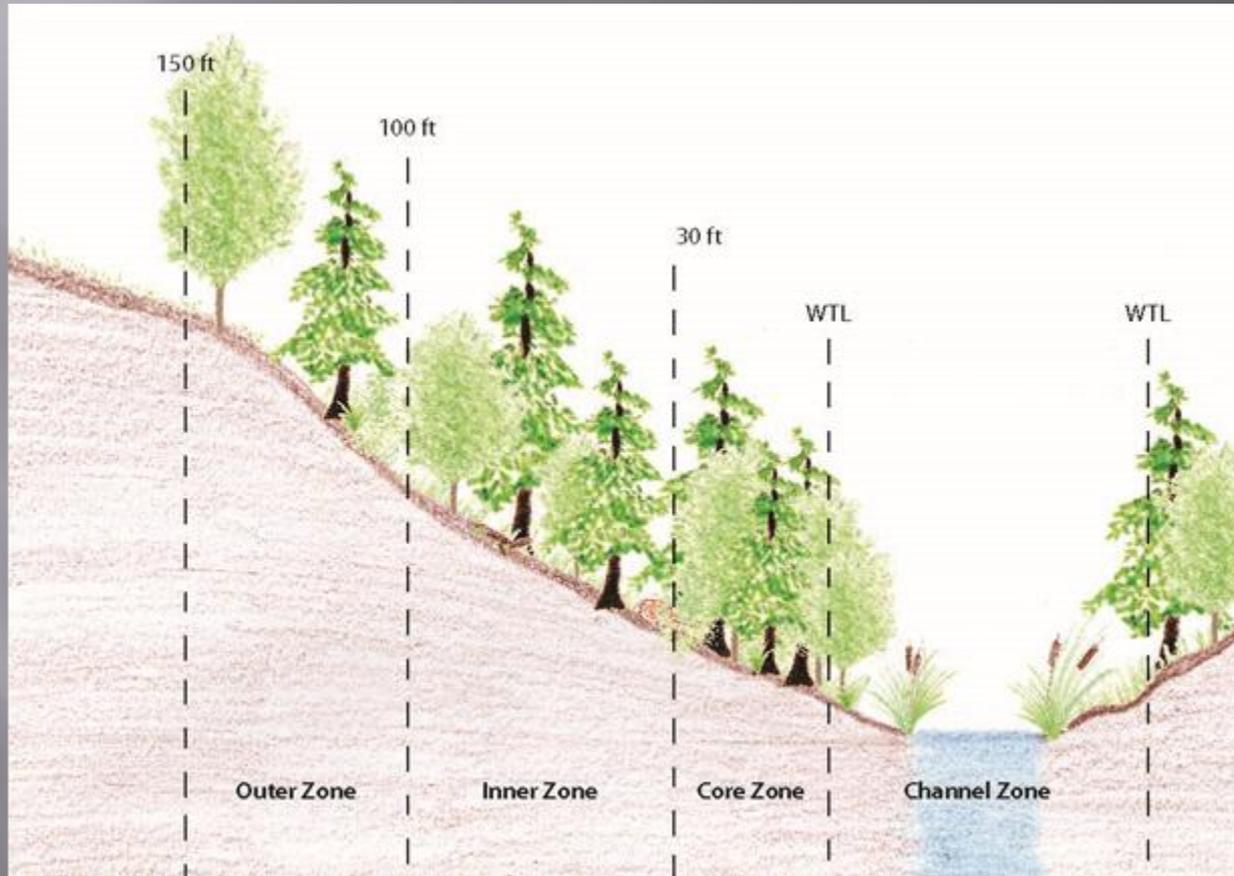
Downstream Deposition



Meadow Restoration



Comprehensive Riparian Management Regulations



Large Wood Placement



Defensible Space



Fuelbreaks



Controlled Burns to Reduce Fire Intensity



Thinning to Reduce Stand Density



Effect of Historical Fire Suppression



1909



1938



1958



1979

Improved Road Best Management Practices

HANDBOOK FOR FOREST, RANCH AND RURAL ROADS

A Guide for planning, designing, constructing, reconstructing,
upgrading, maintaining and closing wildland roads

PREPARED BY:
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ARCATA, CA

FOR:
THE MENDOCINO COUNTY RESOURCE CONSERVATION DISTRICT

IN COOPERATION WITH:
CALIFORNIA WATER RESOURCES CONTROL BOARD AND
CALIFORNIA DEPT OF FORESTRY AND FIRE PROTECTION

JANUARY 2014

All programs and services of the Mendocino County Resource Conservation District, the California Water Resources Control Board and the California Department of Forestry and Fire Protection, are offered on a non-discriminatory basis, without regard to race, color, national origin, religion, sex, age, marital status, or disability.

BOARD OF FORESTRY
TECHNICAL RULE
ADDENDUM NO. 5:
GUIDANCE ON
HYDROLOGIC
DISCONNECTION, ROAD
DRAINAGE, MINIMIZATION
OF DIVERSION POTENTIAL,
AND HIGH RISK CROSSINGS
(1st EDITION)

Improved Road Crossing Practices



Forest Practice Rules Implementation and Effectiveness Monitoring- FORPRIEM Watercourse Crossing Monitoring Data, June 2014

- 1. THP watercourse crossing and road approach implementation and effectiveness appear to be improving over time.**
- 2. Further training will occur with the Road Rules, 2013 training sessions to be held in August and September of 2014.**
- 3. Crossing diversion potential and cutoff drainage structure function on road approaches remain high priority items for training efforts.**
- 4. Further improvements are needed, and education and enforcement will continue to be emphasized with the implementation of the Road Rules, 2013 rule package.**

Forest Practice Rules Implementation and Effectiveness Monitoring

Monitoring Study Group (MSG)

The MSG has, and continues, to: (1) develop a long-term program testing the effectiveness of California's Forest Practice Rules, and (2) provide guidance and oversight to the California Department of Forestry and Fire Protection (CAL FIRE) in implementing the program.

Effectiveness Monitoring Committee (EMC)

The EMC will provide a feedback loop for adaptive management regarding the effectiveness of the Forest Practice Rules

Rules and Regulations Adopted by the Board of Forestry and Fire Protection Recently:

- **Emergency Notice for Fuel Hazard Reduction**
- **Anadromous Salmonid Protection Rules**
- **Operations on Saturated Soils**
- **Aspen and Meadow Restoration**
- **Modified THP for Fuel Hazard Reduction**
- **Road Rules**
- **Defensible Space Regulations**
- **Emergency Regulations for Water Drafting**
- **Forest Fire Prevention Exemption**

Policies and Regulations Under Development by the Board of Forestry and Fire Protection:

- **AB 744 Fuel Hazard Pilot Project**
- **Cumulative Impacts Assessment**
- **Timber Conversion**
- **Illegal Marijuana Impacts**
- **Vegetation Programmatic EIR**
- **Stocking Requirements**
- **Effectiveness Monitoring Committee**

Illegal Marijuana Cultivation

Impacts: Poisons, Water Diversions, Conversion of Forested Landscape



Thanks!