

# What is Senate Bill 675?

**Rangeland Management Advisory  
Committee (RMAC) to lead the  
development of the Local/Regional  
Grazing Guidance component of SB 675**

**Dr. Stephanie Larson  
RMAC, Vice Chair  
Certified Rangeland Manager #73**





# Senate Bill 675

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**SB 675, Senator Limón. Prescribed grazing:**  
The bill requires on or before July 1, 2025, the advisory committee, in consultation with specified entities, develop guidance for local or regional prescribed grazing plans, as provided.  
The bill would require the Department of Forestry and Fire Protection (department) and the Department of Conservation to consider and incorporate this guidance in specified grant programs, as provided.



# **Range Management Advisory Committee (RMAC)**

The Range Management Advisory Committee was statutorily created by Section 741 of the Public Resources Code of the State of California to advise the Board of Forestry and Fire Protection, the Resources Agency, the California Environmental Protection Agency, and the California Department of Food and Agriculture on rangeland resource issues.

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# Range Management Advisory Committee

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## Products previous created:

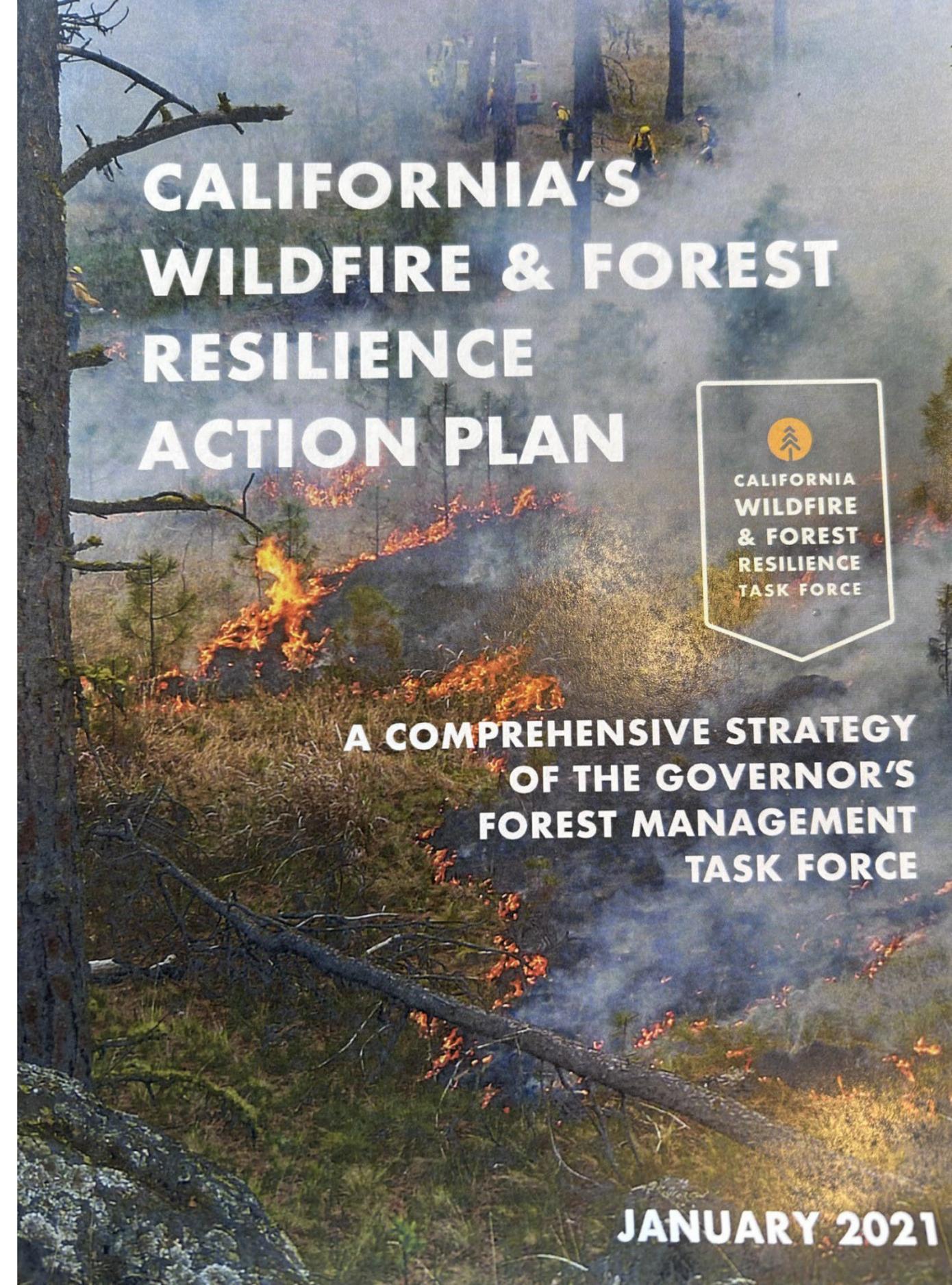
- 2015: White Paper - Prescribed Herbivory for Vegetation Treatment Projects (updated in 2025)
  - 2019 -2024: Annual Public Education Webinar and Field Day Series - Prescribed Grazing for Fuels Management
  - 2024: Grazing for Fuels Reduction Information Infographic (CWGA)
  - 2023 -Present: State Lands Grazing Agreement template Management Action Plan (MAP) template, and accompanying Guidebook
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# Update of the California's Wildfire & Forest Resilience Action Plan Task Force

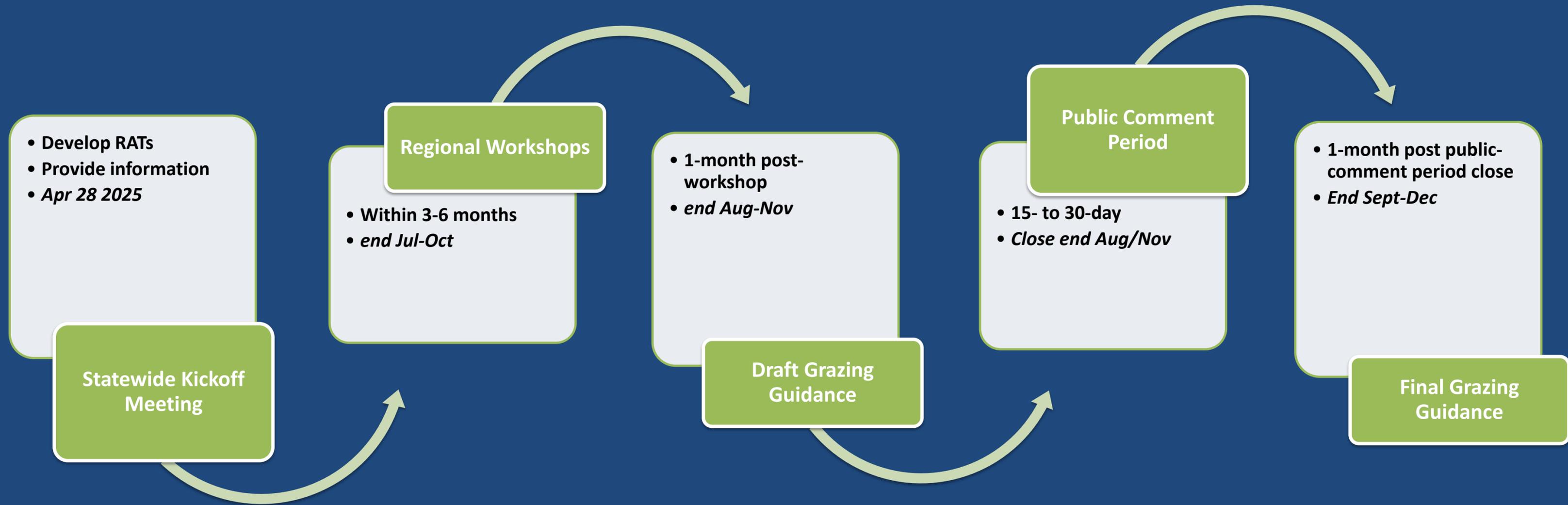
## Expanding Prescribed Grazing for Wildfire Resilience in California: Opportunities and Strategies for Effective Fuels Management

### Key Actions

- Increase the use of prescribed grazing across all regions
- Improve regulatory efficiency in permitting and funding prescribed grazing projects
- Provide incentives for using prescribed grazing as a fuels management tool
- Expand monitoring and applied research activities



# RMAC Timeline: *Publication by year-end 2025*





# Strategies for Implementation

- 1.Statewide Kickoff Meeting**
- 2.Regional workshops**
- 3.Public Comment Period**
- 4.Final Local/Regional Grazing Guidance**

# What is the Ask?

Depends on the role(s)  
you play!

Join a  
Regional Action  
Team

## 1. Workshop Planning

- Virtual RAT meetings
- 1-2 Progress report(s) and/or public meeting(s)

## 2. Literature Review

- Research to support 9 points in SB 675
- Identify data gaps
- Investigate funding options
- Environmental compliance pathways and permitting
- Case studies

## 3. Conduct Regional Workshops

- Morning Field Tour and Educational Workshop
- Afternoon Community Engagement Session

## 4. Local/Regional Grazing Guidance draft publication

## 5. Address Public Comments

## 6. Local/Regional Grazing Guidance final publication

# Regional Workshops

- Education and information sharing
- Community Engagement and Data Gathering





# SB 675 Requirement #1

Best practices for identifying and selecting priority areas for prescribed grazing.

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RMAC Rx Grazing White Paper "Site Evaluation"

# SB 675 Requirement #2

Best practices for developing project plans and metrics for applying, monitoring, and evaluating the effectiveness and impacts of prescribed grazing.

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## Existing Resources to Build on:

- [RMAC Rx Grazing White Paper “Site Assessment”](#)
- [RMAC State Lands Grazing Template](#)

[Foss & Shapero study on RDM levels & fire behavior \(in process\)](#) most recent version of the white paper:

<https://calfire.box.com/s/kmvz8h4nngyzcl6walqxfnz34g01jtas>

old version: <https://calfire.box.com/s/xsyhmr0230av88xdb1m9u7oqyjqlkkcq>





# SB 675 Requirement #3

Best practices for using prescribed grazing to increase the diversity and abundance of native species and decrease the abundance of invasive species, including through adaptive management, exclusion areas, wildlife-friendly fencing and monitoring.

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## **Existing Resources to Build on:**

- RMAC Rx Grazing White Paper “Best Mgmt Practices”
  - [Grazing for Biodiversity in Californian Mediterranean Grasslands](#) (Bartolome et al. 2014)
- other studies



# SB 675 Requirement #4

Recommendations for securing sufficient land and resources; including forage, needed to pasture livestock when not engaged in a prescribed grazing project.

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## **Existing Resources to Build on:**

CWGA's Targeted Grazing Committee  
Match.Graze



# SB 675 Requirement #5

Best practices for building community support and engaging with public and private landowners to improve the implementation and outcomes of a prescribed grazing plan

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## Existing Resources to Build on:

- [RMAC Rx Grazing White Paper “Best Mgmt Practices”](#)
- [Targeted Grazing, A Primer for Consumers](#) (Macon 2018)

CWGA’s Targeted Grazing Committee (Cole Bush [cb@shepherdesslandl.co](mailto:cb@shepherdesslandl.co), Mark Gutierrez [pilotcreekranch@gmail.com](mailto:pilotcreekranch@gmail.com)) most recent version of the white paper:

<https://calfire.box.com/s/kmvz8h4nngyzcl6walqxfnz34g01jtas>

old version: <https://calfire.box.com/s/xsyhmr0230av88xdb1m9u7oqyjqlkkcq>



# SB 675 Requirement #6

Methods to identify opportunities to house and maintain shared grazing infrastructure.

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Conduct a needs assessment of the sharable tools needed for targeted grazing.

- [Sarah Keiser, author of Community Supported Grazing Cooperatives Anthology](#)  
East Bay Regional Parks District (Dina Robertson [dina.plants@gmail.com](mailto:dina.plants@gmail.com); Steve Keller [skeller@ebparks.org](mailto:skeller@ebparks.org); Alison Rofe ([arofe@ebparks.org](mailto:arofe@ebparks.org))).



# SB 675 Requirement #7

Best practices to use prescribed grazing to support and enhance prescribed burns and other vegetation management projects.

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## **Existing Resources to Build on:**

[Foss & Shapero study on RDM levels & fire behavior \(in process\)](#)



# SB 675 Requirement #8

Best practices for use of prescribed grazing for reducing wildfire risk in and near fire-threatened communities, as that term is defined in paragraph (2) of subdivision (b) of Section 4124.5.\*

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- [RMAC Rx Grazing White Paper “Best Mgmt Practices” and “Contracting”](#)

CWGA’s Targeted Grazing Committee (Cole Bush, Mark Gutierrez) most recent version of the white paper: <https://calfire.box.com/s/kmvz8h4nngyzcl6walqxfnz34g01jtas>  
old version: <https://calfire.box.com/s/xsyhmr0230av88xdb1m9u7oqyjqlkkcq>



# SB 675 Requirement #9

Other recommendations to increase the pace and scale of prescribed grazing at the local or regional levels, where appropriate.

[Macon and Roche 2025](#)

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Scale up where appropriate; combining private and public land grazing.



## Potential Partners

- Board of Forestry
  - Department of Fish and Wildlife
  - Department of Conservation
  - Water Agencies
  - Cal Fire personnel
  - California Cattlemen
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- California Woolgrowers
  - Fire ecologists and botanists
  - UCANR Specialists & Advisors
  - Fire Safe Councils
  - Tribal Representatives
  - Conservation Groups – Land Trusts, Resource Conservation Districts, NRCS, Non Profits



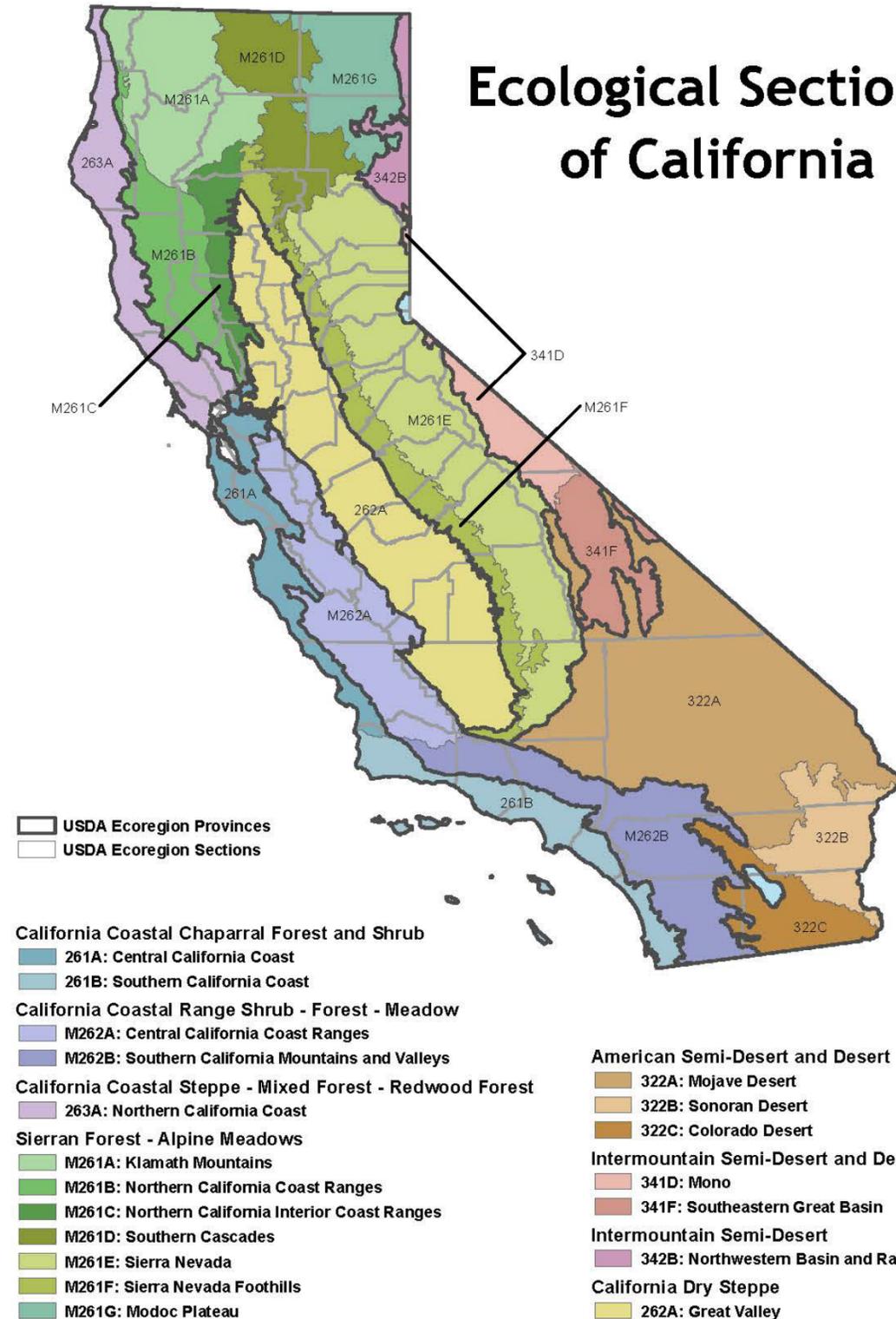
# Regional Guidance for Prescribed Grazing

**Counties marked with an (\*) contain areas in another region as well.**

- Coastal Inland** – *Devii Rao & Marc Horney*: Alameda, Contra Costa, Fresno\*, Kern\*, Kings, Madera\*, Marin\*, Mariposa\*, Merced, Monterey, San Benito, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Stanislaus, Tulare\*, Ventura\*
- Sierra-Cascade-Inyo** – *Noah Lopez & Kristina Wolf*: Alpine, Amador, Butte\*, Calaveras, El Dorado, Fresno\*, Inyo, Kern\*, Lassen, Madera\*, Mariposa\*, Modoc\*, Mono, Nevada, Placer\*, Plumas, Shasta\*, Sierra, Siskiyou\*, Tehama\*, Trinity\*, Tulare\*, Tuolumne, Yuba\*
- North Coast** – *Stephanie Larson*: Butte\*, Colusa, Del Norte, Glenn, Humboldt, Lake, Marin\*, Mendocino, Modoc\*, Napa, Placer\*, Sacramento, Shasta\*, Siskiyou\*, Solano, Sonoma, Sutter, Tehama\*, Trinity\*, Yolo, Yuba\*
- Southern** - *Joel Kramer & Cole Bush*: Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, Ventura\*

# Ecoregions for Regional Prescribed Grazing Guidelines

## Ecological Sections of California



### **California Coastal Chaparral Forest and Shrub**

261A: Central California Coast

261B: Southern California Coast

### **California Coastal Range Shrub - Forest - Meadow**

M262A: Central California Coast Ranges

M262B: Southern California Mountains and Valleys

### **California Coastal Steppe - Mixed Forest - Redwood Forest**

263A: Northern California Coast

### **Sierran Forest - Alpine Meadows**

M261A: Klamath Mountains

M261B: Northern California Coast Ranges

M261C: Northern California Interior Coast Ranges

M261D: Southern Cascades

M261E: Sierra Nevada

M261F: Sierra Nevada Foothills

M261G: Modoc Plateau

### **American Semi-Desert and Desert**

322A: Mojave Desert

322B: Sonoran Desert

322C: Colorado Desert

### **Intermountain Semi-Desert and Desert**

341D: Mono

341F: Southeastern Great Basin

### **Intermountain Semi-Desert**

342B: Northwestern Basin and Range

### **California Dry Steppe**

262A: Great Valley

## **Statewide Kick-off Goals (April 28, 2025)**

- Informed attendees about the Regional Rx Grazing “Guidelines”, providing potential collaborators background information to decide how they want to participate.
- Introduced the ecoregional approach to Guideline development.
- In Regional breakouts, discussed priorities in the four different regions to tailor the Guidelines to address those priorities; specific examples where the Guidelines will be useful.
- Discussed who was missing from the discussions.
- Answered questions and provided clarification.

# The Invitation: The Product

**Collaborate to develop, advise, & review the Regional Grazing Guidelines for specific contexts around the state.**

## **What we will produce**

A product used to develop Prescribed grazing projects that can be funded through existing and future grants programs, taking into consideration ecological sensitivities, and the unique and diverse contexts where Prescribed grazing can be applied

## **Together we will:**

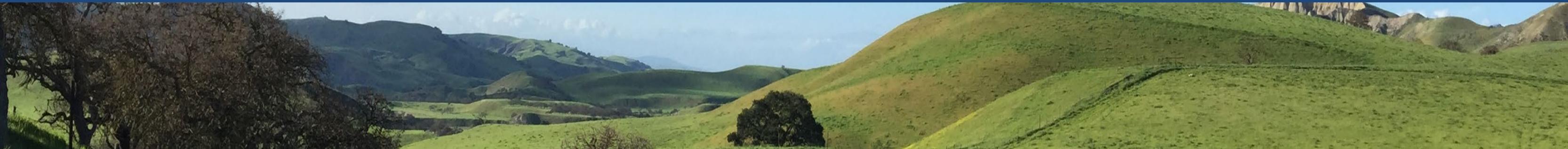
*Decide what's in the guidelines?*

*Share current projects, considerations, constraints, & opportunities*

*Answer most common questions regarding Prescribed grazing in various regions and contexts*

# Roles

- RMAC Regional Action Team (RAT) Leads
- Collaborator on RATs
- Regional Workshop speaker or site host
- Community member



# **Support a Regional Workshop**

- **Site Host**
- **Speaker (Agency, Grazing Operator, Scientist)**
- **Facilitator, Sponsor**

# **Provide stakeholder input**

- **Regional workshop(s)**
- **RMAC meetings**
- **Submit public comment on drafts**



# Funding Opportunities

- Wildfire Prevention Grants Program (CalFire)
- Regional Forest & Fire Capacity Program (DOC)
- Climate Ready Program (State Coastal Conservancy)
- Healthy Soils Program (CDFA)
- Prop 4 wildfire chapter funds
- Other internal options (*aspirational*)
  - Budget Change Proposal for grant program to cover prescribed grazing management plan development
  - Direct allocation for regional demonstration site(s)



# QUESTIONS?



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