



# CAL FIRE

## Office of the State Fire Marshal

### Wildfire Mitigation Advisory Committee Meeting

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May 17, 2022

# Call to Order

## Welcome!



If you have technical difficulties during this meeting, please contact Kara Garrett at (916) 201-5539 or [Kara.Garrett@fire.ca.gov](mailto:Kara.Garrett@fire.ca.gov)



# Roll Call / Quorum Established

- The State Fire Marshal, or their designee
  - **Mike Richwine**
- The Director of the Department of Conservation, or their designee
  - **Keali'i Bright**
- The Director of the Office of Energy Infrastructure Safety, or their designee
  - **Caroline Thomas Jacobs or Sandy Cooney**
- The chair of the State Board of Forestry and Fire Protection, or their designee
  - **J. Lopez**
- The Director of Emergency Services, or their designee
  - **Ryan Buras or Robert Troy**
- The Insurance Commissioner, or their designee
  - **Deborah Halberstadt or Mike Peterson**
- The Director of State Planning and Research, or their designee
  - **Clay Kerchof**
- A representative from the California Fire Safe Council
  - **Jessica Martinez**

(Continued on Next Slide)



# Roll Call / Quorum Established

- A representative from the insurance industry or an insurance research organization
  - **Roy Wright**
- A local fire service representative
  - **Ray Gayk**
- A representative from the building industry
  - **Christopher E. Ochoa or Nick Cammarota**
- A representative from the University of California Cooperative Extension
  - **Lenya N. Quinn-Davidson**
- A representative from the California Fire Science Consortium
  - **Yana Valachovic**
- A representative from the Department of Housing and Community Development
  - **Maziar Movassaghi**
- A representative from the Rural County Representatives of California
  - **Staci Heaton**
- A representative from the California Association of Resource Conservation Districts
  - **Karen Buhr**
- A representative from the League of California Cities
  - **Sean McGlynn**
- A representative from the California State Association of Counties
  - **Ed Valenzuela or Catherine Freeman**
- A representative from tribal government
  - **Don Hankins**



# Approval of Past Meeting Minutes – Motion Required

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## WILDFIRE MITIGATION ADVISORY COMMITTEE MEETING Meeting Minutes – Tuesday, April 19, 2022, 1:00 PM – 3:00 PM

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### April 19, 2022 – Meeting Minutes

#### Committee Members Present

David Fulcher, The Director of the Department of Forestry and Fire Protection, or their designee  
Mike Richwine, State Fire Marshal / The State Fire Marshal, or their designee  
Keali'i Bright, The Director of the Department of Conservation, or their designee  
Sandy Cooney, The Director of the Office of Energy Infrastructure Safety, or their designee (Virtual)  
J. Lopez, The chair of the State Board of Forestry and Fire Protection, or their designee  
Ryan Buras and Robert Troy, The Director of Emergency Services, or their designee  
Deborah Halberstadt, The Insurance Commissioner, or their designee (Virtual)  
Clay Kerchof, The Director of State Planning and Research, or their designee (Virtual)  
Jessica Martinez, A representative from the California Fire Safe Council (Virtual)  
Roy Wright, A representative from the insurance industry or an insurance research organization (Virtual)  
Ray Gayk, A local fire service representative (Virtual)  
Christopher E. Ochoa, A representative from the building industry  
Lenya N. Quinn-Davidson, A representative from the University of California Cooperative Extension (Virtual)  
Yana Valachovic, A representative from the California Fire Science Consortium  
Maziar Movassaghi, A representative from the Department of Housing and Community Development (Virtual)  
Staci Heaton, A representative from the Rural County Representatives of California  
Karen Buhr, A representative from the California Association of Resource Conservation Districts  
Sean McGlynn, A representative from the League of California Cities  
Catherine Freeman, A representative from the California State Association of Counties  
Don Hankins, Professor / A representative from tribal government (Virtual)

#### Members Absent

None

#### CAL FIRE – Office of the State Fire Marshal Staff

Mike Richwine, State Fire Marshal  
Wendy Collins, Assistant State Fire Marshal  
Daniel Berlant, Deputy Director  
Steve Hawks, Staff Chief  
Frank Bigelow, Staff Chief  
Jim McDougald, Staff Chief  
Chris Keithley, Chief FRAP Program  
Dave Sapsis, Supervisory Senior Environmental Scientist  
Matt Damon, Deputy Chief, Land Use Planning Program  
John Morgan, Deputy Chief, Wildfire Preparedness  
Scott Witt, Deputy Chief, Fire Plan



# Approval of Past Meeting Minutes – Motion Required

Rich Brechbuehl, Assistant Chief  
Will Brewer, Research Data Specialist III  
Travis Bott, Research Data Analyst II  
Kara Garrett, Associate Governmental Program Analyst

## 1. CALL TO ORDER 1:01 PM

Mike Richwine

### A. Welcome

The meeting was called to order at 1:01 PM by Mike Richwine.

- Discussion on how committee was established under Assembly Bill 9 (Wood) 2021.
  - More information on AB 9 located at:  
[https://leginfo.ca.gov/faces/billTextClient.xhtml?bill\\_id=202120220AB9](https://leginfo.ca.gov/faces/billTextClient.xhtml?bill_id=202120220AB9)
- Established new division – Community Wildfire Preparedness & Mitigation
- Deputy Director – Recently promoted Chief Daniel Berlant
  - Defensible Space
  - Home Hardening / WUI Building Code
  - Fire Prevention Grants
  - Fire Hazard Severity Zones
  - Utility Wildfire Mitigation
  - Land Use Planning
  - Fire Safe Regulations
- Recent Legislation
  - AB 642 (Friedman) 2021
    - Requires moderate and high fire hazard severity zones in LRA.
    - Add cultural burning liaison to State Board of Fire Services.
    - Develop a proposal to establish a prescribed fire training center.
    - Make recommendations on community wildfire risk model.
    - Enhance public education efforts regarding prescribed and cultural burning.
    - Develop automated system for issuing burn permits.
    - More information on AB 642 located at:  
[https://leginfo.ca.gov/faces/billTextClient.xhtml?bill\\_id=202120220AB642](https://leginfo.ca.gov/faces/billTextClient.xhtml?bill_id=202120220AB642)

### SB 63 (Stern) 2021

- Requires moderate and high fire hazard severity zones in LRA.
- Creates Defensible Space/Home Hardening Assessment Program.
- Allows Defensible Space beyond the property line if required by law or ordinance.
  - Requires update to model defensible space program.
- Expands Chapter 7A into high fire hazard severity zones and to consider moderate FHSZ.
- Requires report to Legislature on outcomes of completed fire prevention projects.
- Increase Fire Prevention Grant Program advances up to 50% for equipment purchases.



# Approval of Past Meeting Minutes – Motion Required

- More information on SB 63 located at:  
[https://leginfo.ca.gov/faces/billTextClient.xhtml?bill\\_id=202120220SB63](https://leginfo.ca.gov/faces/billTextClient.xhtml?bill_id=202120220SB63)

## B. Roll Call – Kara Garrett

- Quorum is 11 people (50% plus one) - Quorum Established – Entire Committee Present.

## C. Agenda Review (Motion Required)

- Amend the meeting dates listed on page two to reflect the updated meeting dates, changing the meeting frequency to the third Tuesday of each month starting at 1 PM and ending at 3 PM.
- Request a motion to approve as amended.

<b>Motion:</b>	J. Lopez moved to accept the meeting agenda as amended, Dave Fulcher seconded the motion.
<b>Action:</b>	All members voted to unanimously approve the motion.

## 2. OLD BUSINESS

None

Daniel Berlant

## 3. NEW BUSINESS

### A. Committee Charter Review (Motion Required)

Daniel Berlant

<b>Motion:</b>	Roy Wright moved to approve Committee Charter; Sean McGlynn seconded the motion.
<b>Action:</b>	All members voted to unanimously approve the motion.

1. Division Report  
Overview of Community Wildfire Preparedness and Mitigation Division.
  - 1) Org Chart
  - 2) Wildfire Planning and Risk Reduction
    - Wildfire Risk Reduction
    - Wildfire Planning and Statistics
  - 3) Community Assistance
    - Wildfire Mitigation Advisory Committee
    - Community Wildfire Mitigation Assistance Program
2. During each WMAC meeting the Community Wildfire Preparedness and Mitigation Division will provide updates occurring within these topic areas. Also, the Committee can select specific Programs or initiatives to do a deep dive on the topic in future meetings.
3. During our next meeting we will be discussing the Fire Hazard Severity Zones.
  - Topics for future discussion:
    - 1) State Hazard Mitigation Plan – Cal OES
    - 2) California Wildfire Mitigation Program – Cal OES/CAL FIRE



# Approval of Past Meeting Minutes – Motion Required

3) Wildfire Partners / Safer from Wildfire – CDI

## B. Risk Modeling

Steve Hawks

- Requesting representation for this workgroup.
  - 1) Sending a template with the meeting minutes to allow for your organization to send in a nomination letter for who you feel would be best to serve in the workgroup. The letter is due at our next meeting on May 17, 2022.
  - 2) Deadline to complete report to legislature by July 1, 2023.
  - 3) More information on AB 642 located at:  
[https://leginfo.ca.gov/faces/billTextClient.xhtml?bill\\_id=202120220AB642](https://leginfo.ca.gov/faces/billTextClient.xhtml?bill_id=202120220AB642)

## 4. ROUNDTABLE

Mike Richwine

- Roy Wright – Clarification on AB 9 specified report to the state legislature:
  - 1) Is there a single report?
    - i. Yes, it is one report.
  - 2) When is it due?
    - i. CWPM division will create and complete the report and present to the WMAC committee for review.
  - 3) Deadline for report is January 1, 2023.
- Yana Valachovic – May 4<sup>th</sup>, BOF workshop to discuss the AB-3074 ember-resistant zone.
  - 1) Discussing ember-resistant zone (zone 0).
    - i. The location of the meeting will be in this room at 715 P street, conference room 221.
- Deborah Halberstadt – Last week, the Insurance Commissioner held a regulatory hearing to seek public comment on draft regulations regarding availability and affordability of insurance in wildfire prone areas.

## 5. PUBLIC COMMENT

None

## 6. UPCOMING MEETING DATES FOR 2022

Mike Richwine

- Third Tuesday of each month starting at 1 PM and ending at 3 PM.
- Next meeting is May 17, 2022

## 7. MEETING ADJOURNED 2:27 PM

Mike Richwine



# Approval of Past Meeting Minutes – Motion Required

This notice and copies of the written materials have been posted on the Office of the State Fire Marshal web site at <https://osfm.fire.ca.gov/>.

For information concerning the Advisory Committee Meeting, please contact Kara Garrett at (916) 201-5539 or [Kara.Garrett@fire.ca.gov](mailto:Kara.Garrett@fire.ca.gov).

NOTE: Items designated for information are appropriate for committee action if the committee chooses to take action. The agenda order is tentative and subject to change. Agenda items may be taken out of order to facilitate the effective transaction of business. The Committee may not discuss or take action on any matter raised during the public forum period, except to decide whether to place the matter on the notice and agenda of a future committee meeting.

Any written reports being provided to the committee members in advance of the public meeting will also be available to the public upon request.

This committee meeting will be accessible via live audio webcast. Public comments on agenda items will be accepted via text sent through the webcast chat interface as well as via audio for those participating by phone and teleconference platform. Those wishing to provide public comment are not required to provide their name and/or e-mail in order to do so. Please mute your microphones when you are not speaking.

In accordance with Title II of the Americans with Disabilities Act of 1990, reasonable accommodations are available. Request for reasonable accommodations should be made at least five (5) working days prior to the meeting date. To request reasonable accommodations, including documents in alternative formats, please contact Kara Garrett at (916) 591-0176 or [Kara.Garrett@fire.ca.gov](mailto:Kara.Garrett@fire.ca.gov).



# Agenda Review – Motion Required

## WILDFIRE MITIGATION ADVISORY COMMITTEE MEETING Meeting Agenda – Tuesday, May 17, 2022, 1:00 PM – 3:00 PM Posted May 6, 2022



Location:  
CNRA Building, 715 P Street, 2<sup>nd</sup> Floor Conference Room 2-221  
Sacramento, CA 95814

Zoom Meeting Information –

Join Zoom Meeting  
<https://us06web.zoom.us/j/83855663972>  
Meeting ID: 838 5566 3972

Committee Member Locations (Virtual):

- California Fire Safe Council  
3237 Peacekeeper Way, Suite 201, McClellan, CA 95652
- California Fire Chiefs Association  
415 East B. Street, Ontario, CA 91762
- Agriculture Center, 5630 South Broadway, Eureka, CA

### 1. CALL TO ORDER

- A. Welcome
- B. Roll Call/Quorum Established
- C. Approval of Past Meeting Minutes (Motion Required)
- D. Agenda Review (Motion Required)

Mike Richwine

### 2. OLD BUSINESS

- A. Risk Modeling
  - 1) Draft Charter (Motion Required)
- B. Division Report

Daniel Berlant

### 3. NEW BUSINESS

- A. Fire Hazard Severity Zones
- B. Wildfire Prevention Grants Program

Daniel Berlant

### 4. ROUNDTABLE

Mike Richwine

### 5. PUBLIC COMMENT

### 6. UPCOMING MEETING DATES FOR 2022

- A. Third Tuesday of each month starting at 1 PM and ending at 3 PM.
- B. Next meeting is June 21, 2022

### 7. MEETING ADJOURNMENT

Mike Richwine

This notice and copies of the written materials have been posted on the Office of the State Fire Marshal web site at <https://osfm.fire.ca.gov/>.

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# Old / New Business

- Old Business
  - A. Risk Modeling
    - 1) Draft Charter (**Motion Required**)
  - B. Division Report
- New Business
  - A. Fire Hazard Severity Zones
  - B. Wildfire Prevention Grants (**If Time Permits**)

# Risk Modeling - To Be Discussed

- Letters of Nomination
  - PRC 4204.1
  - Letter Templates
- Draft Charter (**Motion Required**)

# Risk Modeling – Letters of Nomination

## PRC 4204.1

- Those listed in PRC 4204.1(b)(2)(A)-(E) will either need to let me know by email or let us know at the next WMAC meeting.
  - (A) The State Fire Marshal, or the State Fire Marshal’s designee.
  - (B) The Director of Emergency Services, or the director’s designee.
  - (C) The Insurance Commissioner, or the Insurance Commissioner’s designee.
  - (D) The Director of State Planning and Research, or the director’s designee.
  - (E) The Director of Housing and Community Development, or the director’s designee.



# Risk Modeling – Letters of Nomination

## PRC 4204.1

- For all others, the representatives identified by the entities listed in PRC 4204.1(b)(2)(F)-(K) will need to complete the request form for Chief Richwine to approve and only the entities listed in PRC 4204.1(b)(2)(F)-(K) will need to use the template attached.

(F) Two representatives from insurers and insurance research organizations that have appropriate expertise in wildfire risk modeling, such as exposure measurement, risk modeling, and actuarial expertise, to be appointed by the department.

(G) Two representatives, one a fire chief, or the fire chief's designee, and the other a fire prevention officer, to be appointed by the department in consultation with the California Fire Chiefs Association and the Fire Districts Association of California.

(H) A representative from the California Professional Firefighters, to be appointed by the department.

(I) A representative from the California Fire Science Consortium, to be appointed by the department.

(J) A representative from the California Building Industry Association, to be appointed by the department.

(K) Two representatives from a local government, with one from a rural city or county, to be appointed by the department.



# Risk Modeling – Letters of Nomination

## – Letters of Nomination Template

(Applicant needs to put Application Letter on their appropriate entities letterhead)

DATE

Mike Richwine  
State Fire Marshal  
715 P St, Sacramento, CA 95814  
(916) 201-5539

Dear State Fire Marshal Richwine:

I am writing to apply to appoint (Employee Name) to the risk Modeling Advisory Workgroup of the Wildfire Mitigation Advisory Committee. I am confident that their skills are well-aligned with what is being discussed in this subcommittee and would be a key member of this group.

Their current role as (ROLE) with (AGENCY/COMPANY) allows them to understand and model wildfire risk for a community and specific parcels within the local responsibility area or state responsibility area through the input of mitigating factors.

Sincerely,

NAME  
TITLE  
AGENCY/COMPANY



# Risk Modeling – Letters of Nomination

- Send nomination letters to Kara at: [kara.garrett@fire.ca.gov](mailto:kara.garrett@fire.ca.gov) by **May 31<sup>st</sup>**.
- More information on AB 642 located at:  
[https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=202120220AB642](https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202120220AB642)
- Questions?



# Risk Modeling – Draft Charter (Motion Required)

**CAL FIRE - Office of the State Fire Marshal**  
**Risk Modeling Advisory Workgroup Charter**  
*In Process – Workgroup to Finalize Draft Charter*

- **PURPOSE**

The Risk Modeling Advisory Workgroup (Workgroup) will provide a means to understand and model wildfire risk for a community and specified parcels through the input of mitigating factors. The Workgroup will provide a forum for subject matter experts in wildfire related fields to address wildfire risk modeling issues of statewide concern.

- **GOALS AND OBJECTIVES**

The Workgroup is being formed pursuant to Assembly Bill 642 (Chapter 375, Statutes of 2021) to act in an advisory capacity to CAL FIRE, the State Fire Marshal, and the Insurance Commissioner on wildfire risk modeling. This Workgroup reports to the Wildfire Mitigation Advisory Committee.



# Risk Modeling – Draft Charter (Motion Required)

- **Goal:**

To provide science-based solutions to enable CAL FIRE, in consultation with the State Fire Marshal, and the Insurance Commissioner to make recommendations on how to understand and model wildfire risk for a community and specific parcels within the local responsibility area or state responsibility area through the input of mitigating factors.
- **Objectives:**
  - Provide science-based solutions to enable CAL FIRE, in consultation with the State Fire Marshal, and the Insurance Commissioner to make recommendation on how to understand and model wildfire risk on or before July 1, 2023
  - Provide a discussion on how parcels can affect the risk of other parcels in close proximity to each other and what impacts that has on wildfire risk modeling
  - Provide an evaluation of the effectiveness of using natural infrastructure as a community buffer and what impacts that has on wildfire risk modeling
  - Review and provide a list of other jurisdictions' applicable wildfire risk models and their modeling components
  - Provide a list of identified barriers to determining the wildfire risk of a community and specific parcels

# Risk Modeling – Draft Charter (Motion Required)

- **WORKGROUP MEMBERSHIP**

Members of the Workgroup shall be all of the following:

- The State Fire Marshal, or their designee
- The Director of Emergency Services, or their designee
- The Insurance Commissioner, or their designee
- The Director of State Planning and Research, or their designee
- The Director of Housing and Community Development, or their designee
- A representative from insurers that has appropriate expertise in wildfire risk modeling, such as exposure measurement, risk modeling, and actuarial expertise, to be appointed by the department
- A representative from an insurance research organization that has appropriate expertise in wildfire risk modeling, such as exposure measurement, risk modeling, and actuarial expertise, to be appointed by the department
- A fire chief representative, to be appointed by the department in consultation with the California Fire Chiefs Association and the Fire Districts Association of California

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# Risk Modeling – Draft Charter (Motion Required)

- **WORKGROUP MEMBERSHIP**

- A fire prevention officer representative, to be appointed by the department in consultation with the California Fire Chiefs Association and the Fire Districts Association of California
- A representative from the California Professional Firefighters, to be appointed by the department
- A representative from the California Fire Science Consortium, to be appointed by the department
- A representative from the California Building Industry Association, to be appointed by the department
- A representative from a rural city or county of local government, to be appointed by the department
- A representative from a local government, to be appointed by the department

The State Fire Marshal may decide to add any other appropriate stakeholders, including representatives from local governmental agencies.

The chairperson of the Committee shall be the State Fire Marshal, or the State Fire Marshal's designee. The vice chairperson of the advisory workgroup shall be the person filling the fire chief representative position. The appointed members of the advisory workgroup shall serve at the pleasure of the department. The members of the Workgroup shall serve without compensation, but each member shall be reimbursed for their actual and necessary expenses incurred in the performance of their duties.



# Risk Modeling – Draft Charter (Motion Required)

- **MEETINGS**
  - **Schedule**
    - The Committee shall meet on the **first Tuesday of each month**. If the meeting lands on a holiday, the Committee shall postpone and meet on the subsequent **Tuesday**.
  - **Location**
    - Meetings shall be regularly scheduled in Sacramento
    - Meetings may be scheduled throughout the state on an as-needed basis
    - Meetings will not be cancelled without cause
  - In order to ensure consistency and transparency, the following Roberts Rules of Order shall be adhered to: An approved published agenda,
    - Meeting minutes,
    - A quorum,
    - Motions and seconds, and
    - Voting requirements (including requests for roll call voting).

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# Risk Modeling – Draft Charter (Motion Required)

- **MEETINGS**

- Rules for recognition and timelines for debate will be suspended unless specifically enacted by the membership.
- Meetings may be rescheduled if the Committee is unable to meet a quorum.
- A motion will be passed by a simple majority of the entire voting membership.
- All members, voting and non-voting, may submit informational, discussion, and/or action items for the agenda prior to the meeting. Agenda items will take precedent and non-agenda items may be transacted upon if time permits.

- **COMMITTEE PROTOCOL**

- The Committee shall comply with Bagley-Keene Open Meeting Act.
- Only items listed on the published agenda as “Motion Required” may be acted upon.
- The Committee chair has the authority to set time limits on any agenda item.



# Risk Modeling – Draft Charter (Motion Required)

- **PROCESS**

- The Community Wildfire Preparedness and Mitigation Division will provide administrative support to the Committee
- Agenda items should be submitted to the Committee coordinator four weeks before the scheduled meeting date
- Minutes will be taken at each meeting that capture the essence and actions of the meeting
  - Draft minutes will be posted on the Office of the State Fire Marshal website for review by the Committee and other interested parties
  - After approval at the next meeting, final minutes will be posted on the Office of the State Fire Marshal website

- **QUORUM**

A simple majority (50% plus 1) of the committee membership shall be a quorum.

- **RESPONSIBILITY OF THE CHAIR**

Interpretation and decisions are the purview of the chair.

(Motion Required)



# Division Report

## Community Wildfire Preparedness and Mitigation

- **Wildfire Planning and Risk Reduction**
  - Wildfire Risk Reduction
  - Wildfire Planning and Statistics
- **Community Assistance**
  - Land Use Planning
  - Wildfire Prevention Grants



# Division Report

## Wildfire Planning and Risk Reduction Update

- **Wildfire Preparedness**

- Defensible Space:
  - 2022 to-date we've completed approximately 47,000 inspections.
  - Delivery of a statewide defensible space curriculum has begun and is being taught in San Luis Obispo County, San Diego County, and Shasta County. This is a major milestone in completing the curriculum development required by SB 190 and will reach nearly 115 inspectors in Spring of 2022. State Fire Training Staff continues to move toward adapting this curriculum for local fire agencies and other qualified entities as defined by SB 63.
  - AB 38 allocated additional staffing for year-round defensible space inspection activities. 15 of the 21 permanent Forestry Technicians have been hired throughout the State (9 in CSR and 6 in CNR). We are seeking approval of 31 additional Forestry Technicians, of which 3 would be permanent and 28 would be limited term until permanent funding can be secured.

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# Division Report

## Wildfire Planning and Risk Reduction Update

- **Wildfire Preparedness**

- Defensible Space:

- Work continues on the statewide data collection platform and is being developed so local jurisdictions can submit their defensible space data.
- The Calistoga Firesafe Council has completed defensible space clearance around 142 homes in the Berryessa Estates Subdivision using grant funds allocated to the California Firesafe Council from CAL FIRE. Over 5 tennis courts worth of highly combustible Rosemary and Juniper were removed from within 30' of those homes along with 3 football fields worth of native brush, pine trees, Scrub Oak Trees, Eucalyptus, and other non-native species. All combined, enough material to fill 300 (20 yard) dump trucks to the top.



# Division Report

## Wildfire Planning and Risk Reduction Update

- **Wildfire Preparedness**

- Home Hardening:

- Work continues with Cal OES to develop the foundation for the California Wildfire Mitigation Financial Assistance Program (Home Hardening) that encourages cost-effective structure hardening/retrofitting and facilitates vegetation management (D-Space and neighborhood/community fuel reduction/modification).
  - A comprehensive list of retrofits has been established.
  - Application to evaluate each property for retrofits and defensible space has been completed.
  - Training program has been developed for home assessors to complete the evaluations and training has been conducted in San Diego and Shasta Counties.
  - Another training is in the works for Lake County as we approach the beginning of their project
  - Joint Powers Authority Agreement signed and in place.

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# Division Report

## Wildfire Planning and Risk Reduction Update

### • Wildfire Preparedness

- Home Hardening:
  - Three pilot communities selected.
    - Dulzura in San Diego County, Whitmore in Shasta County, and Kelseyville Riviera in Lake County
    - San Diego County and the Shasta County Fire Safe Council have submitted for FEMA Hazard Mitigation funding (HMGP) with State match, and North Coast Opportunities in Lake County are completing their HMGP application.
    - San Diego County -14 homeowner applications for Dulzura.
    - Shasta County Fire Safe Council- 35 homeowner applications for Whitmore.
    - Home assessments are occurring in both communities as well as environmental clearance procedures.
    - Lake County-North Coast Opportunities received Advance Assistance Award Notification.
    - Assessor training in Lake County to be conducted this month.
  - On track to start retrofitting and completing defensible space work by early summer.
  - Environmental review process has been approved by FEMA.



# Division Report

## Wildfire Planning and Risk Reduction Update

- **Wildfire Preparedness**

- **Damage Inspection:**

- As of 5/16, there are 21 destroyed and 12 damaged single-family residences so far in 2022 with a total of 33 damaged and destroyed.
- 5 DINS classes and 1 DINM course are scheduled to be taught before end of the fiscal year.

- **Burn Permits:**

- Staff continue working on automating all Department burn permits. Collaboration with CAL FIRE Unit staff and California Air Resources Board (CARB) will ensure the process will function as designed and be able to share prescribed fire data with CARB. The goal is to increase the ease with which the public can obtain a burn permit (online), streamline the process, create an electronic geospatial database, and allow for better reporting and to meet the requirement for AB 642. We anticipate a trial release in late May 2022.



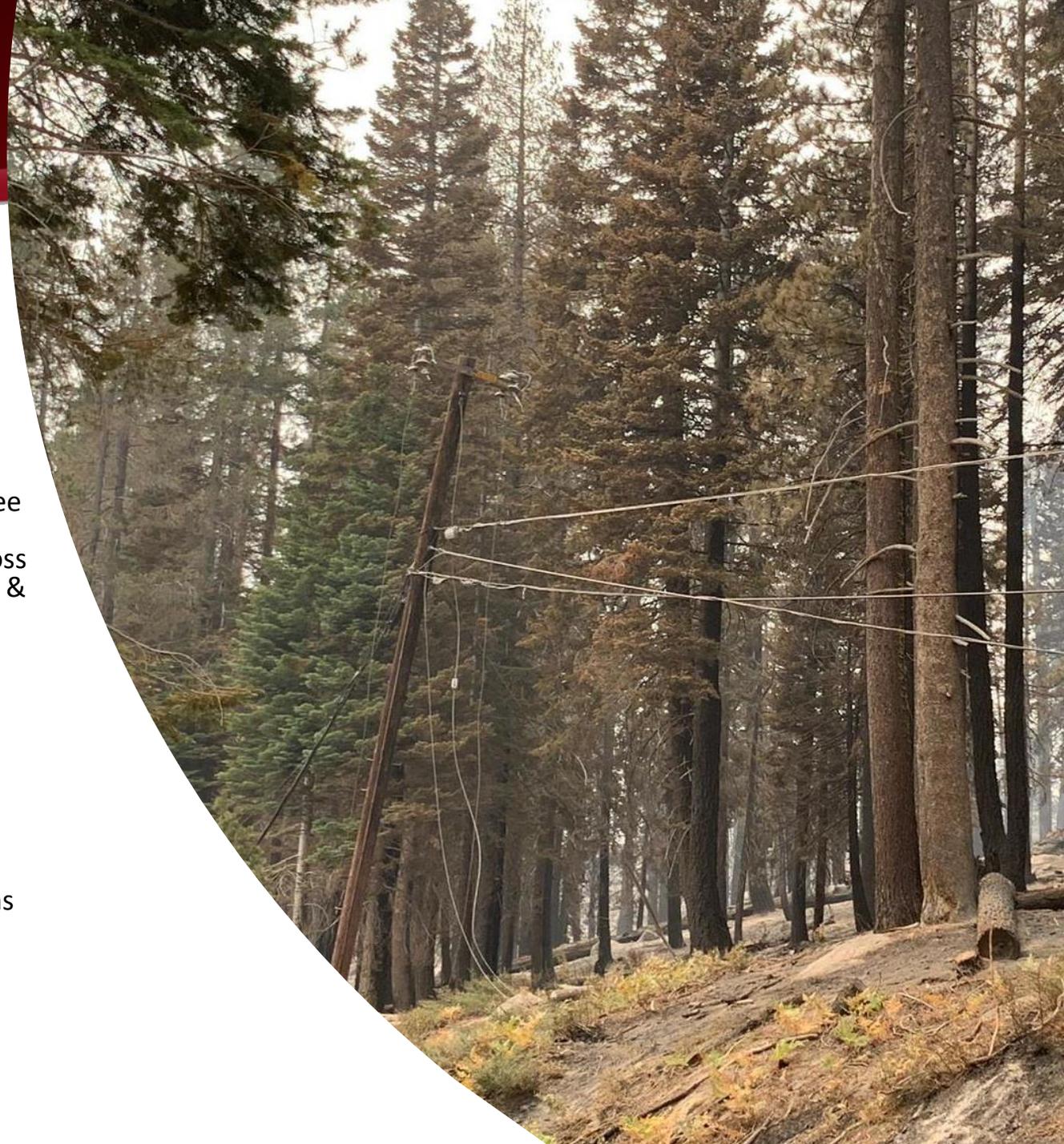
# Division Report

## Wildfire Planning and Risk Reduction Update

### • Utility Wildfire Mitigation

- Continue to assist the Office of Energy Infrastructure Safety (OEIS) in the review of the wildfire mitigation plans for the three large Investor-Owned Utilities (PG&E, SDG&E, SCE). The CAL FIRE review team consists of subject matters experts from across the department (Forest Practice, Fire Protection, Intel, Climate & Energy, and FRAP).
- Remaining Small Multi-Jurisdictional Utilities (Bear Valley, Liberty, Pacificorp) and Independent Transmission Operators (Horizon West and Transbay Cable) wildfire mitigation plan reviews will begin on May 6, 2022.
- Began Cross-training DSI inspectors on PRC4292 (pole clearances) and PRC4293 (conductor clearances) regulations during the statewide defensible space training. This includes utilizing the Field Maps application for field collecting violations and exporting violations onto LE-38a forms.

(Continued on Next Slide)



# Division Report

## Wildfire Planning and Risk Reduction Update

- **Utility Wildfire Mitigation**
  - Finalized the update to the Powerline Equipment Identification Pocket Guide in coordination with IOU's, which is a ready-reference tool for identifying power line equipment in the field and is a companion to the Full Powerline Fire Prevention Field Guide.
  - Participating as a planner and observer of all six of the Investor-Owned Utilities table-top and full-scale PSPS exercises in preparation for 2022 PSPS season.



# Division Report

## Wildfire Planning and Statistics Update

- **Pre-Fire Planning**

- Fire Hazard Severity Zone Scientific and pilot reviews started April 26, 2022 to validate the model.
- Programs reporting into the CalMAPPER database undergoing scheduled “Quality Assurance/Quality Control” review as part of routine data-scrubbing activities.
- Work continues to develop a mobile application for collecting fuels reduction project activities to streamline fuels reduction data collection into CalMAPPER.
- Unit Fire Plan updates were submitted to Regions for review and will be updated on the program’s website in the next few months.



# Division Report

## Wildfire Planning and Statistics Update

- **California Incident Data & Statistics**
  - Department staff is starting the 2021 wildfire data validation process.
  - Once complete, CalStats staff will complete the 2021 Redbook. Although it contains other information, this report is primarily a statistical record of wildfire incidents responded to by CAL FIRE personnel and resources, performing the State/CAL FIRE mission, using State funding within CAL FIRE's Direct Protection Area.



# Division Report

## Community Wildfire Mitigation Assistance Program

- **Land Use Planning**
  - Land Use Planning/Safety Elements:
    - Still numerous Safety Element Assessments moving forward statewide, but no presentations this month.
    - Working on filling some staffing vacancies in Sacramento.
  - Fire Safe Regulations:
    - Currently out for 15-day review.
  - Subdivision Review:
    - Numerous Cities and Counties in progress now, recent activity in Placer County and San Diego County will be presented in the coming months.

(Continued on Next Slide)



# Division Report

## Community Wildfire Mitigation Assistance Program

- **Land Use Planning**
  - Firewise USA:
    - 513 communities in good standing, more than 250 in progress.
    - Staff are fielding lots of inquiries statewide.

Staff are engaged in numerous other ongoing activities including: OSFM Statutes and Regulations Class, OPR Best Practices Inventory, Training for Local Planners and FHSZ.



# Division Report

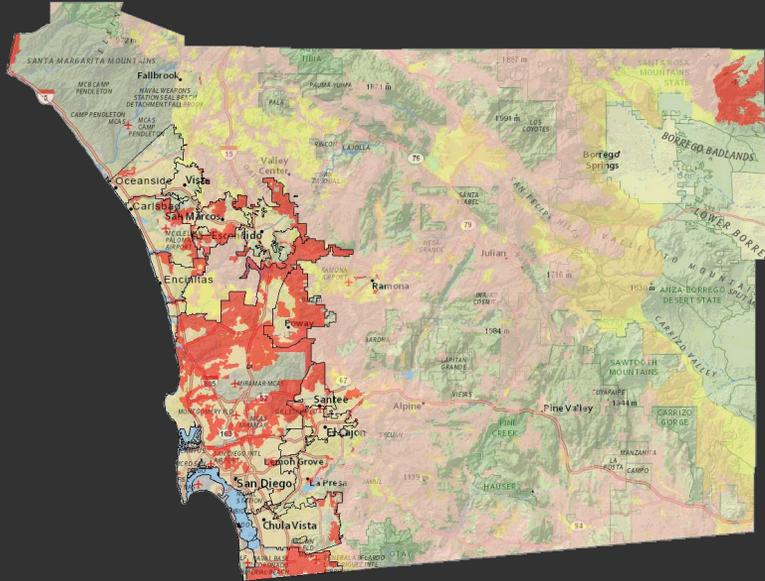
## Community Wildfire Mitigation Assistance Program

- **Wildfire Prevention Grants**

- The Wildfire Prevention Grants open solicitation for grant applications closed on February 9, 2022.
- The Department received 240 applications for nearly \$241.5 million, with up to \$120 million in available funding. Applications are still in the review process with award announcement anticipated for early June 2022.
- Visit the [CAL FIRE - Wildfire Prevention Grants](#) page for more information.



# Fire Hazard Severity Zones



***CAL FIRE***

# Fire Hazard Severity Zones



## Remap Objectives:

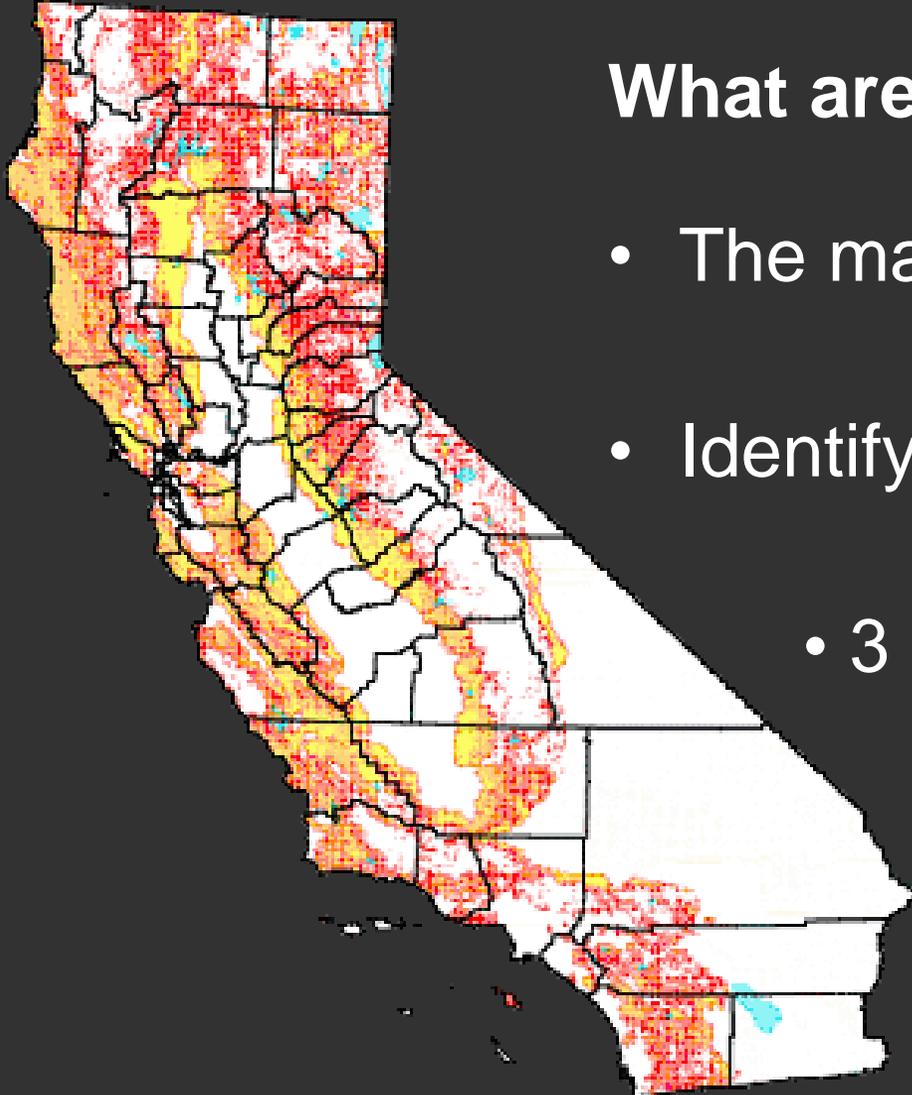
- Update the scientific factors that determine the hazard ratings including new local climate data and improved fire spread modeling.
- Provide opportunity for validation in the modeling
- Publish approved State Responsibility Area map
- Publish and submit Local Responsibility Area maps

# Fire Hazard Severity Zones



## What are the Zones?

- The maps are required by law
- Identify levels of fire hazard
  - 3 levels (Moderate, High, & Very High)



# Fire Hazard Severity Zones



## How are the Zones determined?

- Developed using a science-based model that assigns a hazard score based on the factors that influence fire likelihood and fire behavior.
- Factors: fire history, vegetation, topography, climate, ember production and movement



# Fire Hazard Severity Zones



## New Updates

- Updated burn probabilities for wildland areas (inclusive of 2020 fires)
- Updated fire environment footprints (urban/developed)
- Updated Vegetation density for urban areas
- Inclusion of slope in the urban zoning model
- **Localized fire weather used in both wildland and urban models**
- **New firebrand production and transport model using discrete local wind vector distributions**

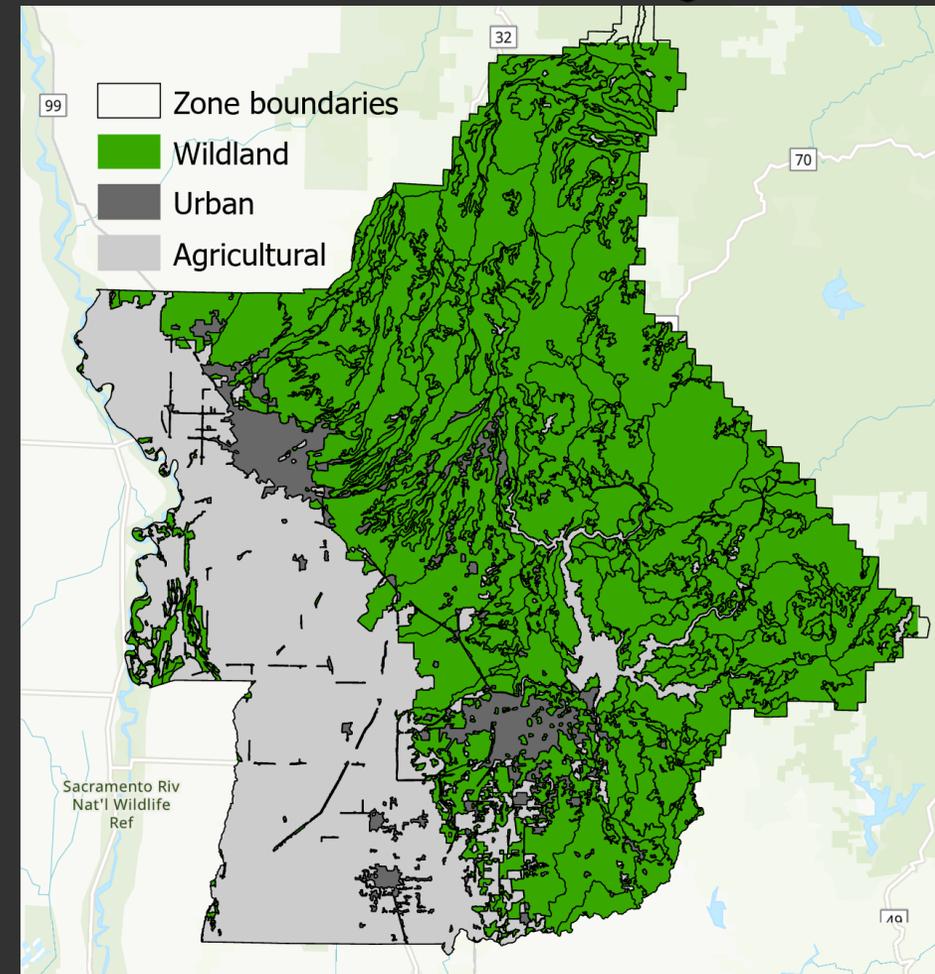


# Fire Hazard Severity Zones



## Wildland vs. Non-wildland Zones

- Zones are areas  $\geq 200$  acres with relatively homogeneous slope and vegetation
- Hazard map is produced at 30 m resolution
- Scores are averaged within a zone
- Wildland is scored independently of urban and agricultural
- Urban zones scored using additional model steps

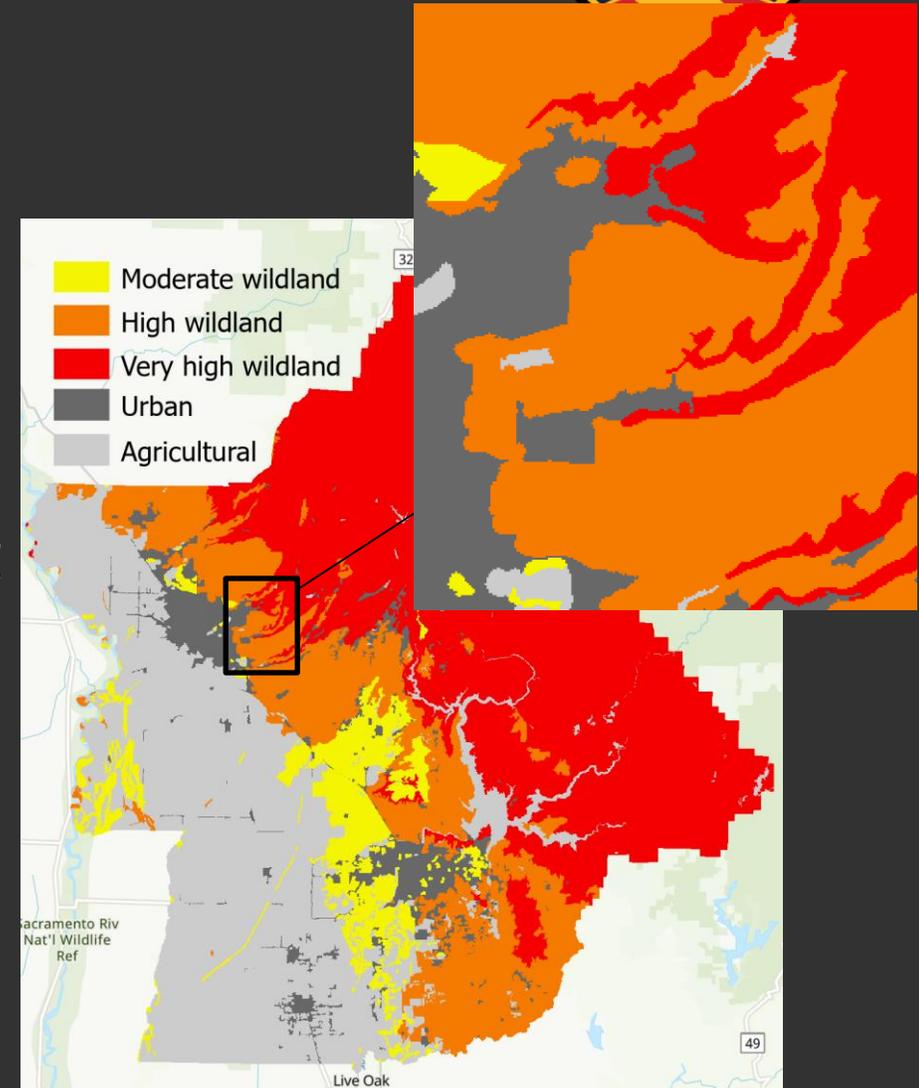


# Fire Hazard Severity Zones



## Wildland FHSZ

- Burn probability
  - Based on fire occurrence from 1991-2020
- Fire intensity
  - Vegetation type (potential; does not account for fuel treatments)
  - Slope
  - Local fire weather – how hot/dry/windy are the worst conditions at a given location (based on 2 km data from 2003-2018)

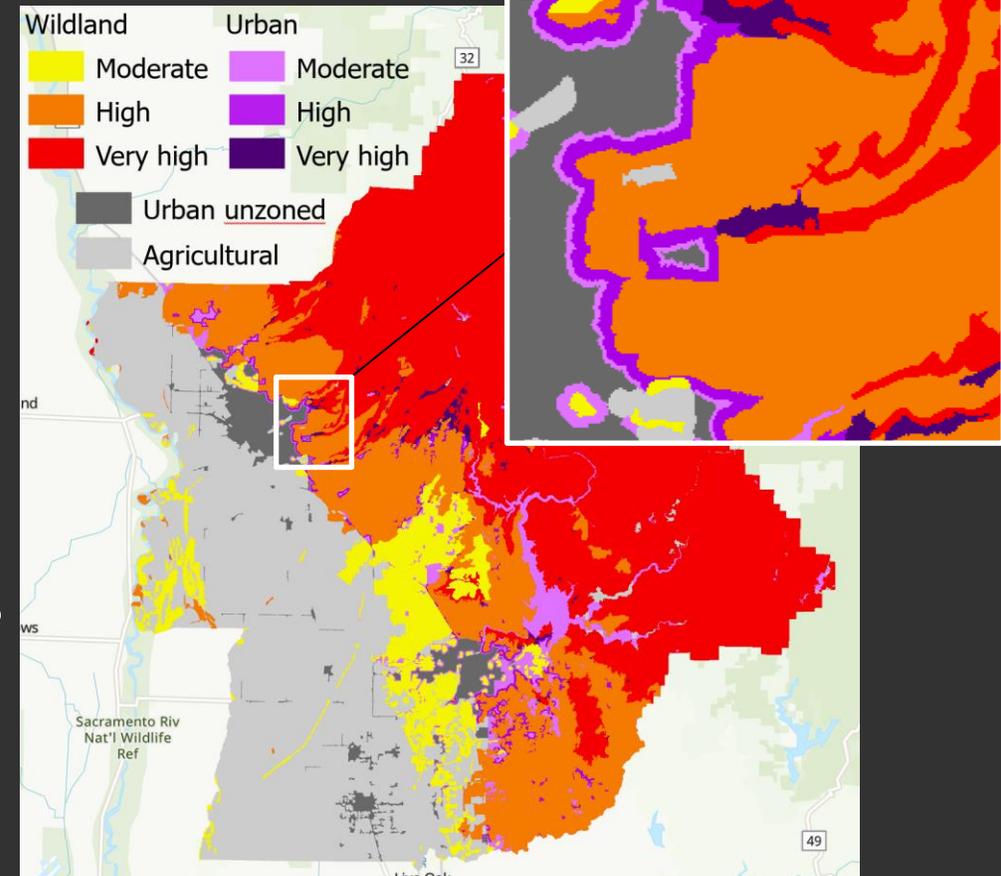


# Fire Hazard Severity Zones



## Urban FHSZ

- Based on distance to wildland and hazard level of adjacent wildland
- Ember production based on vegetation type and fire weather
- Ember transport based on wind speed/direction observed under the most extreme fire weather at a given location
- Width of moderate, high and very high bands in urban based on ember load, urban tree cover and slope
- All unclassified SRA → Moderate



# Fire Hazard Severity Zones



## What is the map for?

- Building standards for new construction in the Wildland-Urban Interface
- Natural hazard real estate disclosure
- Property development standards such as road widths, water supply and signage
- Consideration in city and county general plans

# Fire Hazard Severity Zones



## Why is this important?

Fire Hazard Severity Zone	Existing		Responsibility Area		
	New	Local (LRA)	State (SRA)		Federal (FRA)
			State (SRA)	Federal (FRA)	Federal (FRA)
Very High		FHSZ Maps	FHSZ Map		
		CBC Chapter 7A	CBC Chapter 7A		
		State Fire Safe Regulations (SB 901)	State Fire Safe Regulations		
		GC 51182 Defensible Space	PRC 4291 Defensible Space		
		Hazard Disclosure (AB 38)	Hazard Disclosure (AB 38)		
High		FHSZ Maps (AB 642 & SB 63)	FHSZ Map		
		CBC Chapter 7A (SB 63)	CBC Chapter 7A		
			State Fire Safe Regulations		
			PRC 4291 Defensible Space		
		Hazard Disclosure (AB 38)	Hazard Disclosure (AB 38)		
Moderate		FHSZ Maps (AB 642 & SB 63)	FHSZ Map		
		CBC Chapter 7A (SB 63) TBD	CBC Chapter 7A		
			State Fire Safe Regulations		
			PRC 4291 Defensible Space		

# Fire Hazard Severity Zones



## Recent Legislative Changes

- **SB 901** – Fire Safe Minimum Regulations in Very High LRA
- **AB 2911** – Review of Subdivisions in SRA and Very High LRA
- **AB 38** - Real Estate Disclosure and D-Space Inspections in High and Very High
- **SB 63** – Adds Moderate & High in LRA
  - Chapter 7A in High
  - OSFM & HCD to consider Chapter 7A in Moderate



# Fire Hazard Severity Zones



## Adoption Process:

### SRA

- Peer Review (Scientific & Operational Pilots) - **NOW**
- Unit / CC Review - **July**
- Public Hearings in Each County - **Fall**
- Adoption through Regulation – **Jan 1, 2023**



# Fire Hazard Severity Zones



## Adoption Process:



### LRA

- ▶ Draft map presented to local jurisdiction and receives local validation – **Starting in Fall**
- ▶ Final draft submitted to governing body
- ▶ City / County has 30 days to set public comment and 120 to adopt through ordinance
- ▶ Local jurisdiction can add area not identified

# Fire Hazard Severity Zones



## Timeline:

- ▶ Current maps were developed in 2007-2010.
- ▶ Over the past several years staff have been building the new science model.
- ▶ Summer 2022 – Adopt map in State Responsibility Areas (SRA) into regulations.
- ▶ Fall 2022 – Begin Local Responsibility Area (LRA) remap

# Wildfire Prevention Grants Program



# Wildfire Prevention Grants Program

- Funds fire prevention projects in and near fire threatened communities that focuses on increasing the protection of people, structures, and communities ([PRC 4124.5](#))
- Benefit to defined “Low-Income” and “Disadvantaged Communities”
- Qualifying Project Types
  - Hazardous Fuel Reduction
  - Wildfire Prevention Planning
  - Wildfire Prevention Education



# Wildfire Prevention Grants Program

- Eligible Entities
  - State Agencies
  - Federal Agencies
  - Native American Tribes
  - Joint Powers Authority if entities involved are eligible applicants
  - Local agencies, including:
    - City, county, or city and county
    - Fire protection district
    - Community services districts
    - Water districts
    - Resource conservation districts
    - Special districts
  - Certified Community Conservation Corps
  - Fire Safe Councils and other nonprofit organizations with a 501(c)3 designation



# Wildfire Prevention Grants Program

- Grant Funding Availability
  - FY 2020-21 \$123 million + \$14.8 million
  - FY 2021-22 \$120 million
  - FY 2022-23 \$115 million in Governor's Proposed Budget
  - FY 2023-24 \$117 million in Governor's Proposed Budget
  - Funding through FY 2028-29 (\$165 million to CAL FIRE)



# Review, Announcement, & Agreement Process

- Grant Application Process
  - Application
  - Scope of Work
  - Budget Sheet
  - Articles of Incorporation (AOI)
  - Board Resolution
  - Various state forms
  - Mapping component using online Esri webmap
- Open solicitation process is 2 months

### Step 2: Draw the Project Areas and Geo Point

**Geo Point - Center of the project**

**Project Acres- The Project Influence Zone (PIZ) is the broad geographic area encompassing the neighborhoods or communities that the grant proposal is designed to protect with fuel reductions, public education, or planning activities. This can be the sum of all treatment areas or could include a buffer area around the planning / public education target. Please keep the PIZ from encompassing an overly large area, unless benefits are clearly defined in the Scope-of-Work.**

**Treatment Acres--Treatments are areas within a PIZ, where on-the-ground activities are accomplished (e.g. hazard fuel reductions, shaded fuel breaks, masticating, etc.). There can be multiple discrete Treatment areas associated with a PIZ. Some projects (e.g., Planning & Public Education) may NOT have treatment areas.**

Step 1: Select your Project Tracking Number

Select your project number from the drop-down list and click apply.  
If you do not see your project number please hit reset to reload the list.

Apply Reset

Descriptions

For Fuel Reduction and Planning projects please draw Geo Point and polygons (PIZ and TIZ).

For Education projects, please draw the Geo Point only.  
**Do not draw** PIZ and TIZ for Education projects.

Step 2: Add Project Areas

Click on an option below before drawing the features on the map.

- Geo Point - Center of the Project
- Create Geo Point
- Treatment Influence Zone (TIZ)
- Create TIZ Area
- Project Influence Zone (PIZ)
- Create PIZ Area

Esri

# Review, Announcement, & Agreement Process

## Review, Announcement, and Agreement Process

- Grants Management Unit: 2 weeks
- Units/Contract Counties: 4 weeks
- Region: 4 weeks
- Sacramento: 1 week
- Executive Review: 1 day
- Award Announcement: June 1, 2022
- Grant Agreements: 4 months

# Review, Announcement, & Agreement Process

## Review, Announcement, and Agreement Process

- Align with CAL FIRE Unit/Contract County Fire Plans
- Coordination with other grant opportunities through
  - California Fire Safe Council Grants
  - Cal OES FEM Hazard Mitigation Grant Program
  - Housing and Community Development Federal HUD Grants
  - Others?
- Contact us at [FPGrants@fire.ca.gov](mailto:FPGrants@fire.ca.gov)
  - Northern Region [CNRgrants@fire.ca.gov](mailto:CNRgrants@fire.ca.gov)
  - Southern Region [SouthernRegionGrantsProgram@fire.ca.gov](mailto:SouthernRegionGrantsProgram@fire.ca.gov)

# Roundtable / Public Comment

- Roundtable
  - Topic Suggestions for Next Meetings  
<https://forms.gle/Wefg6YnrnUGYS8ua9>
- Public Comment

# Upcoming Meeting Dates for 2022

The Committee shall meet on the third Tuesday of each month from 1:00 PM – 3:00 PM.

- Jun 21, 2022
- Jul 19, 2022
- Aug 16, 2022
- Sep 20, 2022
- Oct 18, 2022
- Nov 15, 2022
- Dec 20, 2022
- Jan 17, 2023



# Thank You for Attending!

- Copies of the written materials have been posted on the Office of the State Fire Marshal web site at <https://osfm.fire.ca.gov/>.
- For information concerning the Advisory Committee Meeting, please contact Kara Garrett at (916) 201-5539 or [Kara.Garrett@fire.ca.gov](mailto:Kara.Garrett@fire.ca.gov).
- NOTE: Items designated for information are appropriate for committee action if the committee chooses to act. The agenda order is tentative and subject to change. Agenda items may be taken out of order to facilitate the effective transaction of business. The Committee may not discuss or act on any matter raised during the public forum period, except to decide whether to place the matter on the notice and agenda of a future committee meeting.
- Any written reports being provided to the committee members in advance of the public meeting will also be available to the public upon request.
- This committee meeting will be accessible via live audio webcast. Public comments on agenda items will be accepted via text sent through the webcast chat interface as well as via audio for those participating by phone and teleconference platform. Those wishing to provide public comment are not required to provide their name and/or e-mail in order to do so. Please mute your microphones when you are not speaking.
- In accordance with Title II of the Americans with Disabilities Act of 1990, reasonable accommodations are available. Request for reasonable accommodations should be made at least five (5) working days prior to the meeting date. To request reasonable accommodations, including documents in alternative formats, please contact Kara Garrett at (916) 201-5539 or [Kara.Garrett@fire.ca.gov](mailto:Kara.Garrett@fire.ca.gov).

