

# Prepared Not Scared

What are the pathways for residents to reduce wildfire risk?



SUPERVISOR  
**Manu Koenig**  
1ST DISTRICT

 SANTA CRUZ COUNTY OFFICE OF  
RESPONSE, RECOVERY & RESILIENCE



# Agenda

- Opening Comments from Supervisor Manu Koenig
- Central Fire District, Santa Cruz County, Marco Mack
- Santa Cruz County Fire Department/CalFire, Nate Armstrong
- Office of Response, Recovery & Resilience (OR3), Mark Bisbee
- Fire Safe Council of Santa Cruz County (FSCSCC), LizAnne Jensen
- Firewise Communities, Lynn Sestak
- Resource Conservation District (RCD), Matt Abernathy
- Q & A

# Big Picture

## Actions the County is taking to improve fire preparedness:

- Securing grants to fund vegetation management and grants for Home Hardening
- Installing new alert wildfire cameras working with PGE
- Undergrounding high risk powerlines along Soquel San Jose Rd
- Shaded fuel break project along Summit Rd (Phase 1 complete)
- Increasing mowing and maintenance of County Roads
- Advocating for new hand crew camps
- County Fire added to Strategic Plan. Objectives include: vegetation management projects, increasing volunteer firefighters, mobile communication trailers
- Funding FireSafe Council



# Central Fire District Santa Cruz County

Marco Mack, Deputy Fire Marshall  
Community Risk Reduction Division



# Wildfire Risk to Structures



- Understanding - **Wildfire Behavior**
- Four ways that fire will attack structures
- How can we reduce **Fire Intensity**?
- Is your home ignitable?
- **Home Hardening** strategies

# Wildfire Behavior

## Ordinary Weather

- Flame Length - 1-1½ times the height



# Wildfire Behavior

## Slope Driven Fire - Wind Driven Fire

- Flame Length - 2 to 3+ times the height



# Wildfire Behavior

## Wind Driven Fire Storm & Ember Cast

- Horizontal Thermal Column





# EXTREME Wildfire Behavior

## *WIND DRIVEN FIRE - 60 seconds to 10' Flames*

0 seconds



8 seconds



15 seconds



# EXTREME Wildfire Behavior

## *WIND DRIVEN FIRE - 60 seconds to 10' Flames*

20 seconds



25 seconds



30 seconds



# EXTREME Wildfire Behavior

## *WIND DRIVEN FIRE - 60 seconds to 10' Flames*

30 seconds



35 seconds



40 seconds



# EXTREME Wildfire Behavior

## *WIND DRIVEN FIRE - 60 seconds to 10' Flames*

45 seconds



50 seconds



60 seconds



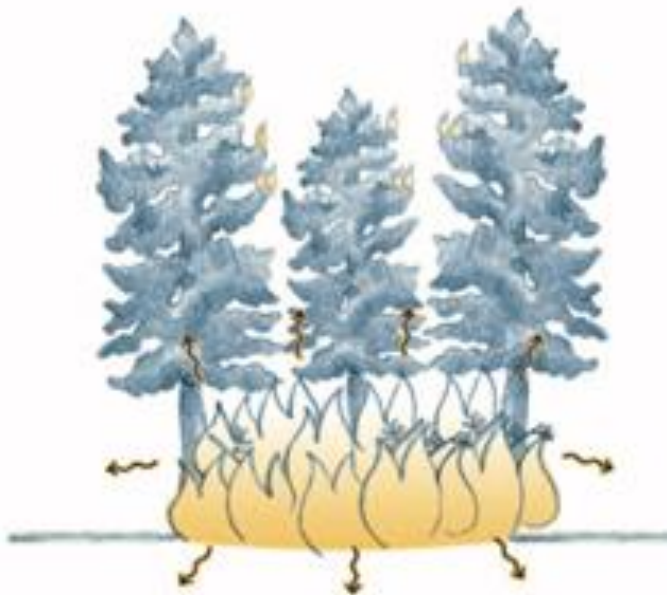
# Four Ways Fire Will Attack Structures

## Direct Flame Contact



# Four Ways Fire Will Attack Structures

## Radiation

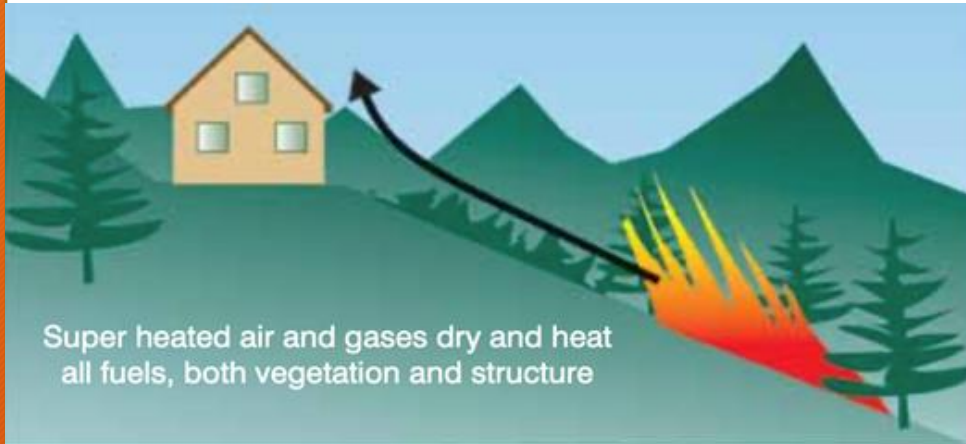


# Four Ways Fire Will Attack Structures

## Horizontal Ember Attack

Wind Driven

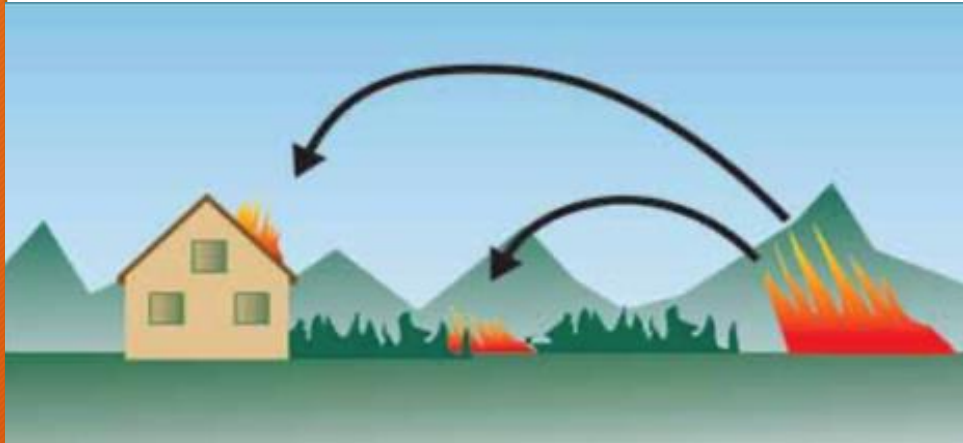
Thermal Column Follows Slope



# Four Ways Fire Will Attack Structures

## Down Wind Ember Spotting

Vertical Thermal Column

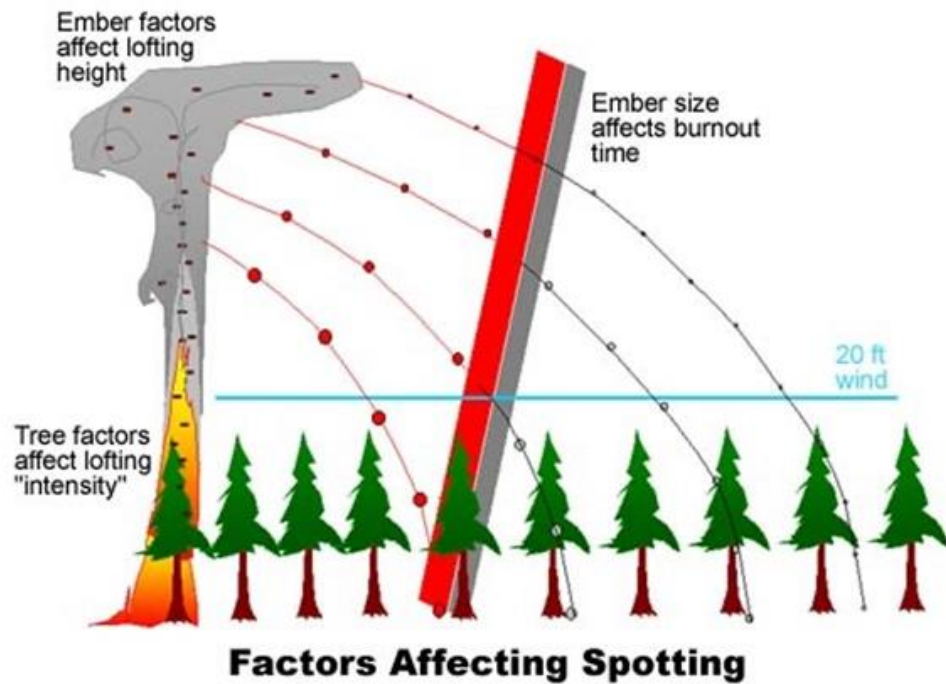




# Embers Need a Receptive Fuel Bed

## Down Wind Ember Spotting

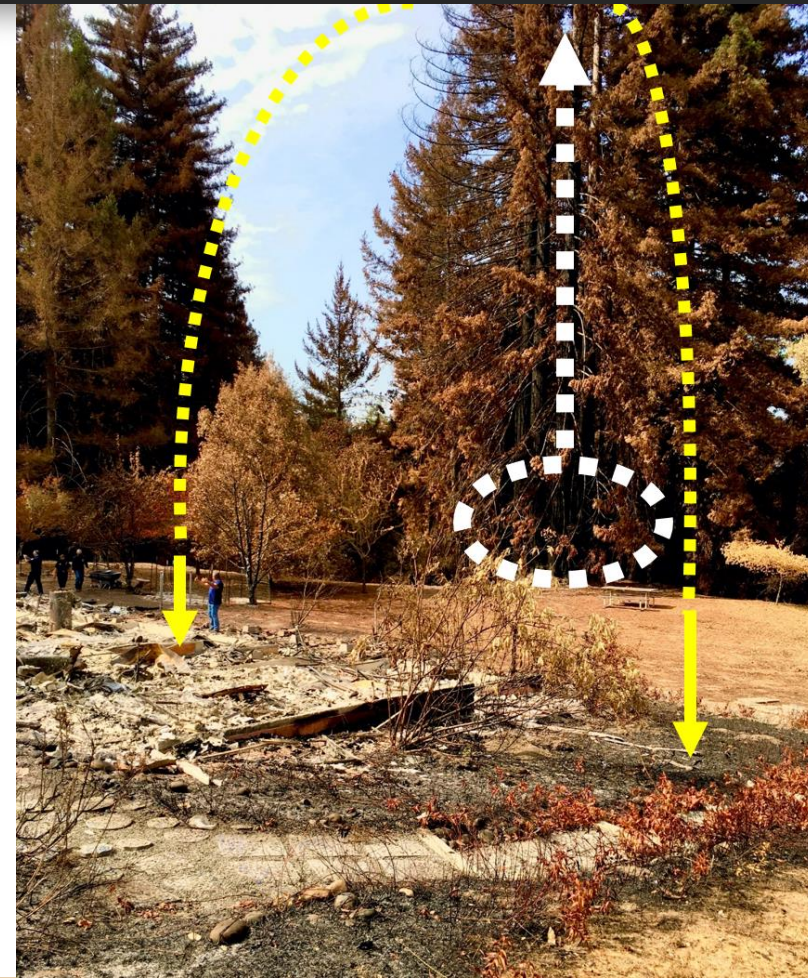
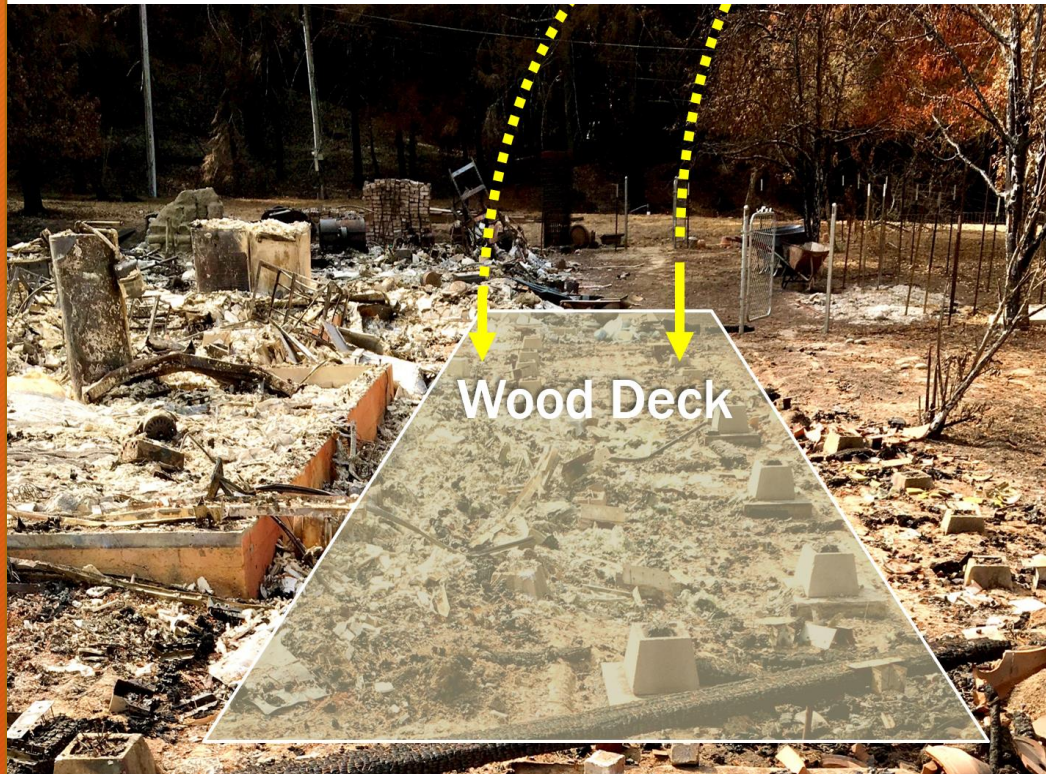
### Vertical Thermal Column



# Embers Need a Receptive Fuel Bed

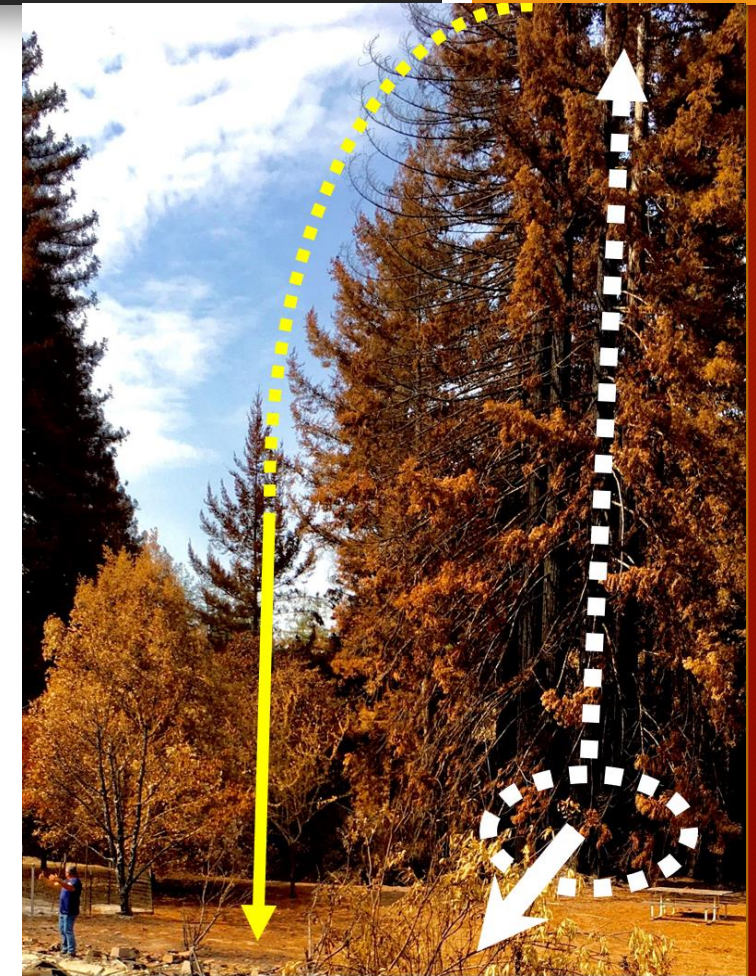
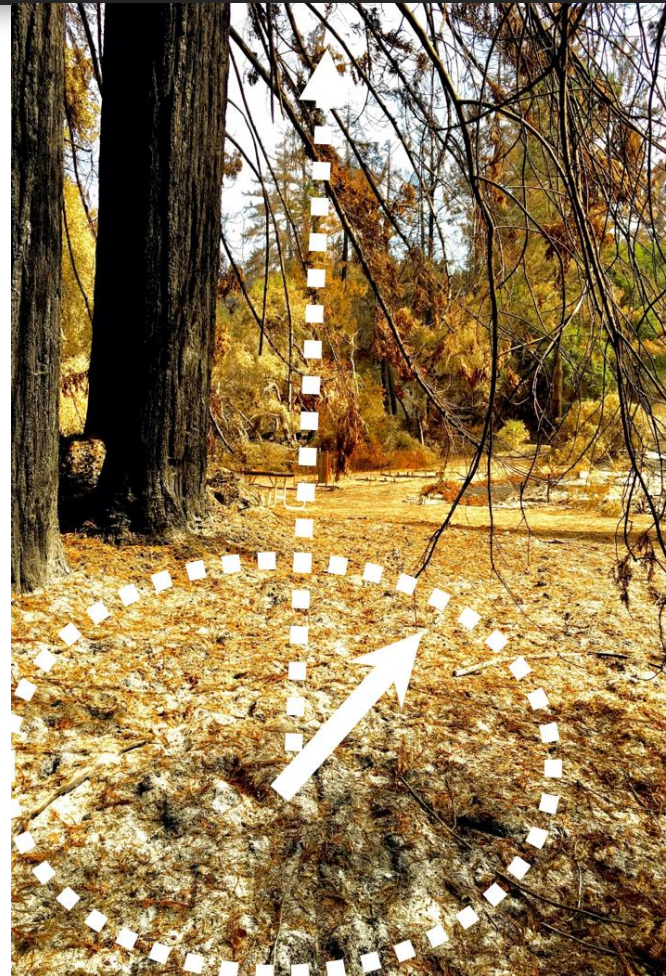
## CZU Lightning Fire 2020

Redwood Tree Torching - Ember-Cast



# Remove Ladder Fuels Near Structures Prevent Tree Torching - Prevent Ember Cast

## CZU Lightning Fire 2020



# Defensible Space Around Structures

## Work from the House Out to 100+ Feet

### Zone 0: *EMBER RESISTANT*

0 to 5 Feet

*Is Your House Ignitable?*

*Make this Noncombustible*

### Zone 1: *LEAN-CLEAN-GREEN*

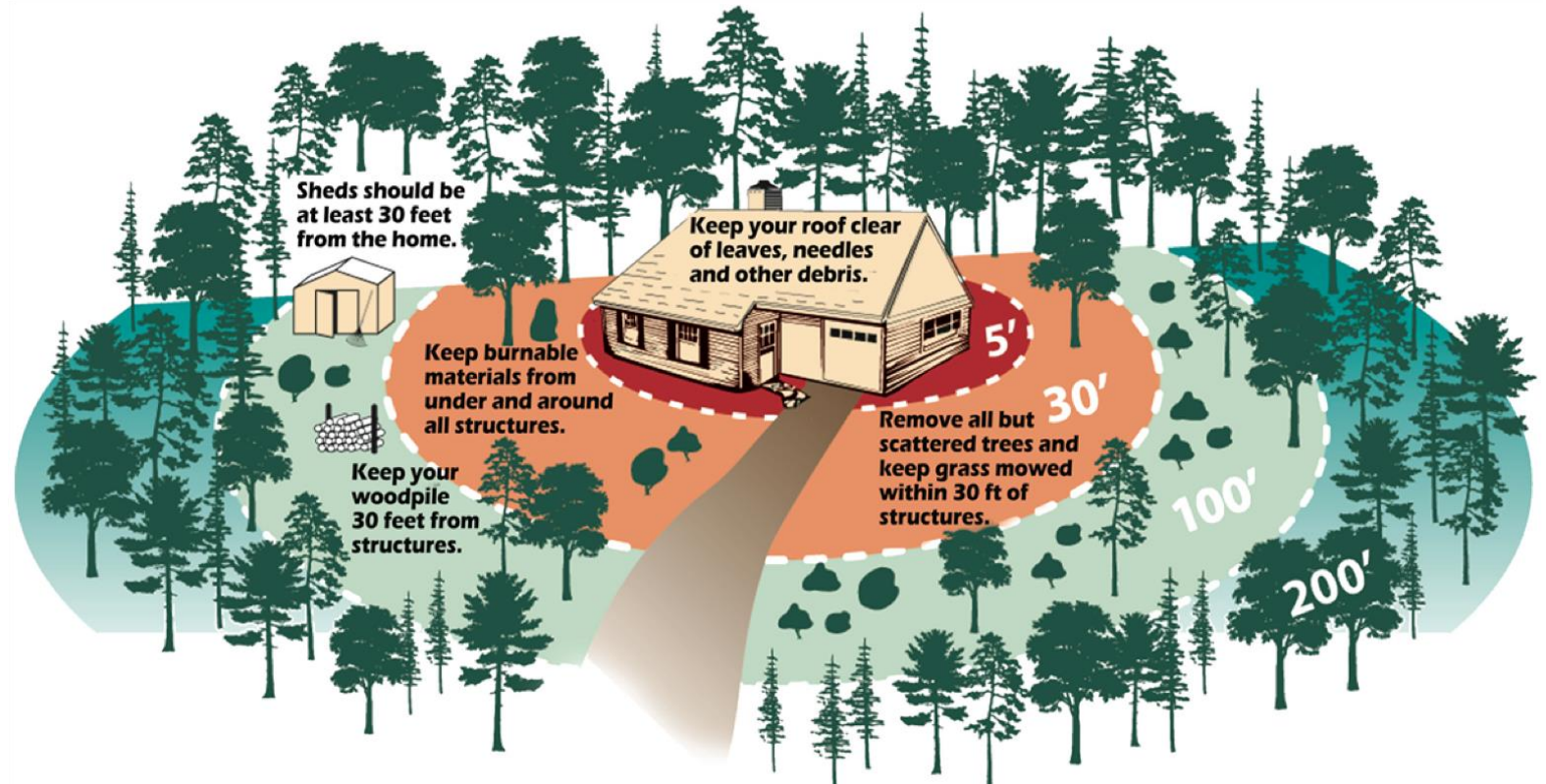
5 to 30 Feet

### Zone 2: *REDUCED FUEL*

30 to 100 Feet

### Zone 3: *EXTENDED*

*DOWN SLOPE - Ladder Fuels*



# How do you Reduce Fire Intensity?



**Break Fuel Continuity**  
**Remove Ladder Fuels**



## Thinning Strategy

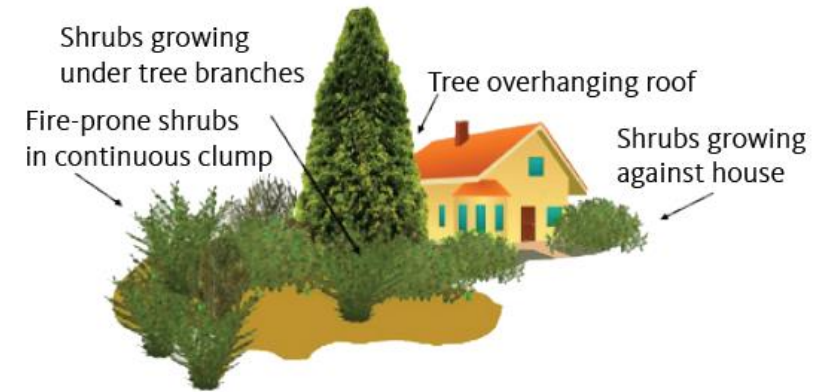


Before



After

## FIRE-PRONE LANDSCAPE



## FIRE-RESISTANT LANDSCAPE

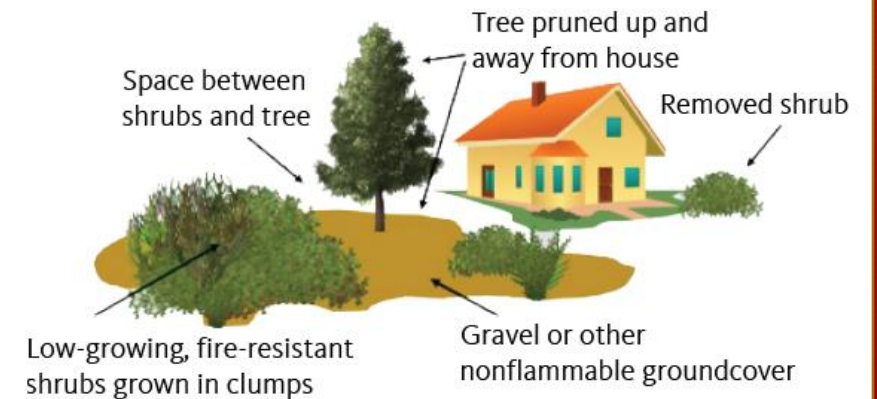


Illustration: Cat Kizer, © Oregon State University

# How do you Reduce Fire Intensity?



**Break Fuel Continuity**  
**Remove Ladder Fuels**



## Thinning Strategy

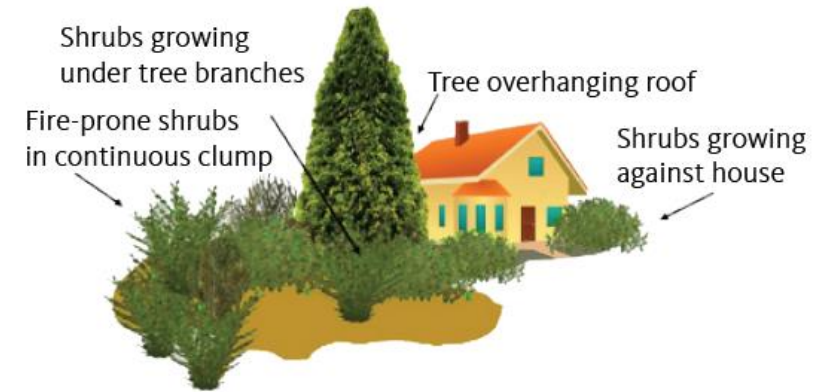


Before



After

## FIRE-PRONE LANDSCAPE



## FIRE-RESISTANT LANDSCAPE

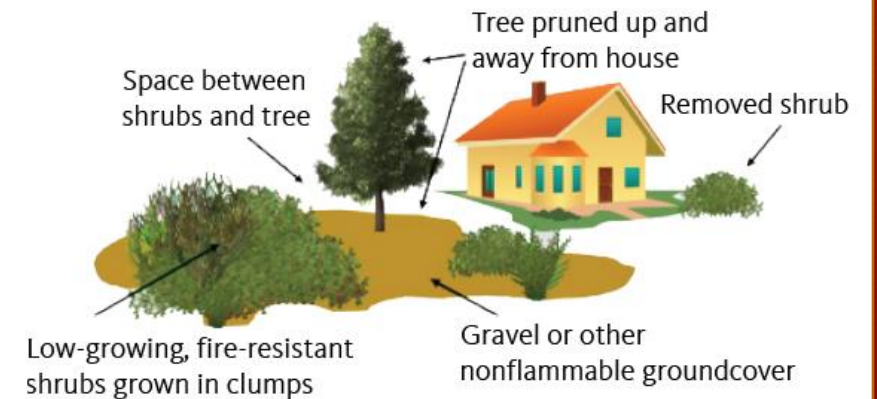


Illustration: Cat Kizer, © Oregon State University

# How do you Reduce Fire Intensity?



Is your home Ignitable?

**HARDEN YOUR HOME**





# Is your home Ignitable?



# Is your home Ignitable?



UI Ember Awareness - CTL-2019

Locations around the home showing vulnerabilities to embers. Graphic: University of Nevada Cooperative Extension

# Your House Can Save Itself From LOW Intensity Fire



- Reduce Fuel & Reduce Flame Length to Prevent High Intensity Fire
- Remove Ladder Fuels - Prevent Tree Torching
- Thinning - Separation - Broken Continuity
- Is your home ignitable? Provide a 5-foot Noncombustible Zone
- **Home Hardening Strategies**
  - If your home is ignition resistant
  - Your home will survive an ember attack

Santa Cruz County  
Fire Department  
CAL FIRE

Nate Armstrong, Deputy Chief



# Staying Informed

- CAL FIRE
  - Twitter- @calfireczu
  - Facebook- CAL FIRE CZU
- Central Fire Protection District
  - Twitter- @centralfiresc
  - Facebook- Central Fire Protection District of Santa Cruz County
- Santa Cruz County
  - Twitter- @sccounty
  - Facebook- County of Santa Cruz
- Santa Cruz County Sheriff
  - Twitter- @santacruzSO1
  - Facebook- Santa Cruz County Sheriff's Office

# Emergency Alerting

- Wireless Emergency Alerts (WEA)- a public safety system that allows customers who own compatible mobile devices to receive geographically targeted, text-like messages alerting them of imminent threats to safety in their area.
  - You receive these messages on mobile devices based on location or area.
- Zonehaven- Evacuation Platform used to quickly communicate with the public about the emergency status of their local area
- CodeRED Notifications- Is a mass notification system that allows public safety agencies within Santa Cruz County to alert you
  - Does not work if you do not register

# ZONEHAVEN

- Full rollout in Santa Cruz County should be coming soon which will give full functionality.
- It is important to KNOW YOUR ZONE as they are included in press releases, fire information update sheets, etc.
  - <https://myzone.zonehaven.com>

# CodeRED Notifications

<https://scr911.org>



Notifications will only go to registered devices or landline telephone numbers



# Evacuation Orders and Warnings

- Evacuations are enforced by the law enforcement agency having jurisdiction
  - Orders are telling you that it is unsafe to be in the location and that you need to leave
  - Warnings are telling you that it may soon be unsafe to be in the location
- Do not wait for an evacuation order or warning to leave your residence if you feel unsafe!
- If you are under an evacuation order or warning please drive slowly and mindfully with your headlights on. There may be fire and law enforcement personnel working in the area.

# Santa Cruz County Office of Response, Recovery & Resilience

Mark Bisbee, Interim Director  
David Reid, Recovery & Resilience Sr. Analyst  
Lisa Ehret, EM Sr. Analyst



SANTA CRUZ COUNTY OFFICE OF  
RESPONSE, RECOVERY & RESILIENCE



# SANTA CRUZ COUNTY OFFICE OF RESPONSE, RECOVERY & RESILIENCE

## New Office Formation December 2020

- Consolidation of Office of Emergency Services (OES)
- CZU Fire Recovery Support
- Climate Change Resilience



# SANTA CRUZ COUNTY OFFICE OF RESPONSE, RECOVERY & RESILIENCE

## RESPONSE

- Disaster Readiness
- Planning and Coordination
- Incident Support
- Emergency Management
- COAD

## RECOVERY

- Recovery Permit Center
- Santa Cruz Long Term Recovery Group
- State & Federal Recovery Resources
- Community Resources



## RESILIENCE

- Climate Change Resilience & Adaptation
- Social Vulnerability to Climate Change
- State & Federal Grants
- Hazardous Fuel Reduction



# SANTA CRUZ COUNTY OFFICE OF RESPONSE, RECOVERY & RESILIENCE

## READINESS – Community Preparedness

- All Hazard Approach



<https://myhazards.caloes.ca.gov>



# SANTA CRUZ COUNTY OFFICE OF RESPONSE, RECOVERY & RESILIENCE

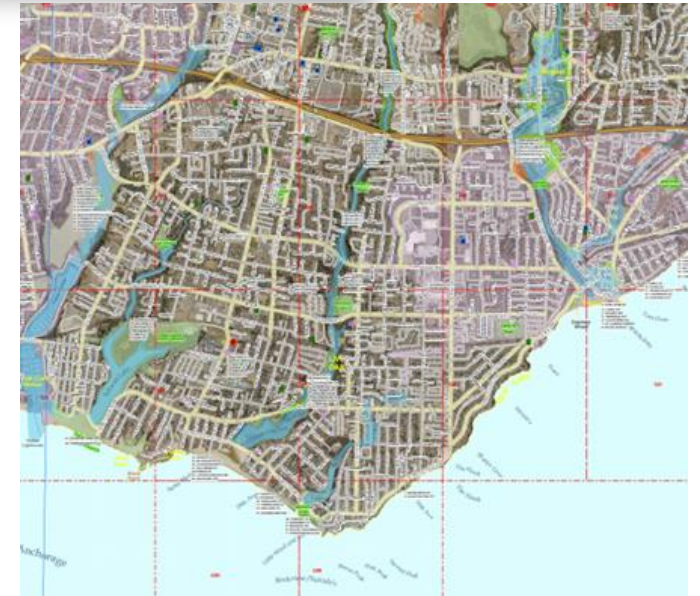
## Flood Preparedness:

- Flood Maps

<http://www.co.santa-cruz.ca.us/default.aspx?tabid=93>

- County Flood Information

<http://sccoplanning.com/PlanningHome/Environmental/FloodInformation.aspx>





# SANTA CRUZ COUNTY OFFICE OF RESPONSE, RECOVERY & RESILIENCE

## Earthquake Preparedness:

- Earthquake Authority

[https://www.earthquakeauthority.com/California- Earthquake-Risk/Personal-Preparedness](https://www.earthquakeauthority.com/California-Earthquake-Risk/Personal-Preparedness)

- CA Gov. Earthquake - Get Prepared

<https://earthquake.ca.gov/get-prepared/>

- The Great Shakeout

<https://www.shakeout.org/california/preparedness/>



# SANTA CRUZ COUNTY OFFICE OF RESPONSE, RECOVERY & RESILIENCE

## Contact Information:

Mark Bisbee, [Mark.Bisbee@santacruzcounty.us](mailto:Mark.Bisbee@santacruzcounty.us)

Lisa Ehret, [Lisa.Ehret@santacruzcounty.us](mailto:Lisa.Ehret@santacruzcounty.us)

Dave Reid, [David.Reid@santacruzcounty.us](mailto:David.Reid@santacruzcounty.us)

Chief Ian Larkin, [Ian.Larkin@fire.ca.gov](mailto:Ian.Larkin@fire.ca.gov)



# Fire Safe Council of Santa Cruz County

LizAnne Jensen, Executive Committee  
Treasurer, Education and Outreach Committee  
Firewise Communities



# Fire Safe Council of Santa Cruz County

The purpose of the Fire Safe Council of Santa Cruz County is to educate and mobilize the people of Santa Cruz County to protect their community, homes, and environment from wildfire.

## Programs We Provide:

- Helping the public learn to live with fire in Santa Cruz County
- Recommendations on Home Hardening
- Recommendations for Fuel Reduction for residents and neighborhoods
- Assist neighborhoods who want to form Firewise Communities and work collaboratively to make their homes and neighborhoods more resilient to wildland fires
- Provide educational public presentations on wildfire resilience
- In conjunction with our partners, provide response to individual homeowner requests for assistance, such as chipping programs and Home Inspection Visits

Two-thirds of Santa Cruz County is considered Wildland Urban Interface (WUI), putting a large percentage of our population, housing, economy, wildlife, and environment at risk from catastrophic fire.

## Call to Action:

Print out and use **Prepared Not Scared Checklist** on our website:

- Steps you can take right now to become more firesafe
- Steps to make your home more resistant to wildfires
- Steps to make your property more resistant to wildfires
- Learn how to prepare a fire specific emergency "Go Bag."
- Learn when and how to evacuate

**Form a Firewise group** in your neighborhood to further the protect your home and community

# Fire Safe Council of Santa Cruz County

**PREPARED, NOT SCARED**

**FireSafe**  
COUNCIL OF  
SANTA CRUZ  
COUNTY

Wildfire Threat Mitigation  
& Preparation Worksheet

A Step-by-Step Guide to Preparing & Protecting  
Your family, Pets & Property from the Threat of Wildfire.  
Including Evacuation Preparation  
& Safety Guidelines

Brought to you by  
Fire Safe Council of Santa Cruz County

Fire Safe Council of Santa Cruz County

Cut at Fold, Fill Out this Panel, Post in  
Front Window in Case of Evacuation

**RESIDENT INFORMATION**

Contact: \_\_\_\_\_  
Residence address: \_\_\_\_\_  
Phone 1: \_\_\_\_\_  
Phone 2: \_\_\_\_\_  
Contact email: \_\_\_\_\_

**TOTAL # OF RESIDENTS ON PROPERTY:**  
# of residents who evacuated: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Name: \_\_\_\_\_  
Name: \_\_\_\_\_  
Name: \_\_\_\_\_  
Name: \_\_\_\_\_  
Name: \_\_\_\_\_

**NUMBER OF RESIDENTS WHO STAYED:**  
Name: \_\_\_\_\_  
Name: \_\_\_\_\_

Total # of pets: \_\_\_\_\_  
Pets we evacuated: \_\_\_\_\_  
Pets we left behind: \_\_\_\_\_

**INTENDED EVACUATION DESTINATION:**  
Name: \_\_\_\_\_  
Location: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_

**PROPERTY INFORMATION:**  
Propane shut-off location: \_\_\_\_\_  
Natural gas shut-off location: \_\_\_\_\_  
Power/Generator shut-off location: \_\_\_\_\_  
Water access: \_\_\_\_\_  
Other information: \_\_\_\_\_

## Prepared, Not Scared Worksheet

Part 1: To tape to your door when evacuating

### Resident information section

- Resident contact information
- Info on who evacuated and when
- Evacuation destination
- Special instructions

<https://www.firesafesantacruz.org/images/FSCSCC-WildfireEvacGuide-10-16-19.pdf>

# Fire Safe Council of Santa Cruz County

Post While You Work on this Check List. For More Detailed Explanations & Guidelines Visit Our Web Site: [www.firesafesantacruz.org](http://www.firesafesantacruz.org)



## What You Can Do Today —Be Prepared—

Step-by-step worksheet to help you prepare for fire season.

- Sign up for emergency notices (Code Red at [www.scr911.org](http://www.scr911.org))
- Always keep vehicle gas tanks a minimum of half-full
- Fill out Resident Information panel (see reverse side)
- Set aside an envelope of cash bills (\$1s, \$5s, \$10s, & \$20s)
- Arrange out-of-state emergency contact - Give them your list of contacts. Tell family & friends who to contact for updates
- Plan at least 2 escape routes - Practice them with your family
- Scan important documents to portable drive (passports, birth certificates, insurance policies, pink slips, bank accounts, deeds, wills, etc.) store 1 copy off-site
- Review your home insurance policy with your agent
- Check flashlights, head lamps, & walkie-talkies quarterly. Keep extra fresh batteries on hand
- Purchase rechargeable ABC fire extinguishers. Learn to use
- Show household members gas, electric, & water shut-offs
- Assemble portable emergency first aid kit. Learn to use
- Collar, tag, & chip pets (include pet photos in GO Bag)
- Collect personal & pet GO Bags see sections below
- Know how to manually open & close your garage door

### GO BAGS - ESSENTIAL ITEMS PREPARED & READY TO GO

- |   |   |
|---|---|
| <input type="checkbox"/> Contact list & area maps                         | <input type="checkbox"/> Extra glasses                      |
| <input type="checkbox"/> Extra cash, bank cards & checks                  | <input type="checkbox"/> Jewelry & easily carried valuables |
| <input type="checkbox"/> Phones & chargers, portable drive with documents | <input type="checkbox"/> Extra car & house keys             |
| <input type="checkbox"/> Whistle - put on key chain                       | <input type="checkbox"/> First aid kit                      |
| <input type="checkbox"/> Clothes, nightwear, toiletries                   | <input type="checkbox"/> Flashlight & batteries             |
| <input type="checkbox"/> Extra set of medications - ask your doctor       | <input type="checkbox"/> Extra drinking water               |



## Protect Your Home —Home Hardening—

### Home Maintenance

- Clear around structures & keep free of debris
- Keep roof & gutters clean to protect from flammable debris
- Clear vegetation at least 5 ft away from windows & doors including garage doors
- Keep combustibles elevated off of the garage floor

### Home Improvements

Improvements you can make to your home to make it more fire resilient. Start from the roof & work down.

- Enclose eaves & overhangs with soffits
- 1/8" screen in all vents: in walls, eaves, roof & foundation vents to keep embers from attics, crawl spaces & basements
- Install spark arresters on chimneys & stovepipes
- Non-combustible weather stripping on top, sides & bottom of garage doors
- Class A fire-rated roof
- Dual paned tempered glass winds & fire rated skylights
- Non-combustible exterior walls, shutters, decks, walkways, outside stairs & fencing
- Driveway gate openings at least 12 ft wide

### OPTIONAL PERSONAL PROTECTIVE CLOTHING - PPC

- |  |   |
|--|---|
| <input type="checkbox"/> Hard hat with head lamp securely attached | <input type="checkbox"/> Reflective jacket or vest                            |
| <input type="checkbox"/> Wool cap                                  | <input type="checkbox"/> Long sleeved cotton or wool clothes (less flammable) |
| <input type="checkbox"/> Eye protection/goggles                    | <input type="checkbox"/> Heavy soled sturdy shoes                             |
| <input type="checkbox"/> Supply of N95 face masks                  | <input type="checkbox"/> Cotton bandanna                                      |
| <input type="checkbox"/> Cotton bandanna                           | <input type="checkbox"/> Wool blanket   |
| <input type="checkbox"/> Leather work gloves                       | <input type="checkbox"/> Fire shelter - training required!                    |



## Protect Your Property —Creating a Defensible Space—

### Zone 0: 0-5 Feet Around Structures \*

- Remove vegetation, plant litter & overhanging branches
- Hardscape with concrete, brick, gravel, bare dirt, etc.
- No combustible materials (shades, doormats, furniture, woodpiles, BBQs, etc.)

### Zone 1: 5-30 Feet Around Structures \*

- Paved or gravel driveways, walkways, patios as firebreaks
- Remove dead plants, weeds, & plant litter
- Keep grasses >4 in, space larger plants: min. 2x plant height
- Remove ladder fuels, limb plants +6 ft up
- 10 ft clearance around propane tanks

### Zone 2: 30-100 Feet From Structures \*

- 10 ft clearance around woodpiles
- Remove dead plants, keep grasses >4 in
- Thin trees & shrubs vertically & horizontally

### Zone 3: Access Zone \*

- 4" reflective metal street numbers on contrasting background
- Driveways & frontage road: 12 ft gate openings, 15 ft vertical clearance, 10 ft each side for fire truck access
- Vertical spacing between shrubs & lower tree limbs. Cut grasses

\* Minimum distance can be greater if on a slope. The steeper the slope, the greater the distance.

### PETS TO GO

- Food - enough for 3 days
- Medications
- Transports / carriers
- Extra drinking water
- Owner info & pet photos
- Supplies, leashes, toys, sanitation



## Prepared, Not Scared Worksheet

### Part 2: Advance preparation for wildfires (items are listed in order of importance)

- What you can do today to get ready
- Tips for hardening your home
- Tips for creating defensible space
- Go Bags and Personal Protective Clothing
- Preparing your pets

# Fire Safe Council of Santa Cruz County

## EMERGENCY EVACUATION GUIDE



**Fire Threat Warning**  
—Preparing to Go—

**Fire is unpredictable - leave as soon as possible!**  
• Communications can fail — you may not get an alert.  
• Escape routes can quickly become blocked.

**PRACTICE THESE STEPS**

If preparing to evacuate, do as many of the steps below as you can. **Leave if or when you feel threatened!**

- Alert household members & neighbors of threat
- Park vehicles in driveway facing out - pocket car keys
- Purse or wallet, contact list, maps & fire shelter on car seat
- N95 masks & wool blankets or jackets on car seat
- Close vehicle windows & doors to keep out embers
- Post Resident Information panel on fridge or in front window
- Confirm meeting place & out-of-state contact
- Charge phones
- Contain pets & stock animals in secure locations
- Stage your **GO Bags** & critical electronic near exit
- Sync walkie-talkie channels (if evacuating more than 1 vehicle)
- Set out fire extinguishers (just inside doors - easily visible)
- Close all garage doors, structure doors, windows & skylights
- Shut fireplace & wood stove flues
- Turn off air conditioners & ceiling fans
- Fill jugs, sinks & tubs w/ water (put large towels/rags nearby)
- Remove flammable curtains & shades away from windows
- Pull furniture & lamps away from windows, leave pathways
- Move door mats, patio furniture, BBQs, & flammable items +30 ft away from structures. Close & secure patio umbrellas
- Place metal ladders against structures for firefighter access
- Put shovels, rakes & clippers +10 ft from home for firefighters
- Place full water buckets outside, especially near decks & fences
- Set out **Evacuation Tools**: chain saws, pry bars, bolt cutters
- Connect outside hoses & place spare hose inside house
- Don't leave sprinklers or water running



**Evacuation Orders**  
Time to Go!

**IMPORTANT! Practice & Time These Steps**

- Stay calm & stay together!
- Put on optional protective clothing

**Put on optional protective clothing before evacuating including:**  
**hard hat with headlamp, sturdy shoes, goggles, gloves, N95 mask, whistle, dry bandanna, tie back long hair.**

**Bring extra water bottles!**

- Secure pets into transports / carriers
- Load **GO Bags** into vehicle
- Load optional **Evacuation Tools** into vehicle (chain saws, pry bars, bolt cutters)
- Load **extra water** into vehicle
- Turn on interior & exterior house lights
- Close doors as leaving including garage doors
- Do not lock doors in case firefighters need shelter
- Confirm meeting place & out-of-state contact w/ drivers
- Choose safest route away from fire
- Confirm escape route (if evacuating more than 1 vehicle)
- Test walkie-talkies (if evacuating more than 1 vehicle)
- Load family & pets into vehicles
- Do Final Head Count** - family & pets
- Tune vehicle radio to local emergency station  
AM: KSC01080  
FM: KBCZ 90.1, KZSC 88.1, KPIG 107.5
- Turn headlights on. Turn on inside AC- set to recirculate
- Get the Heck Out!**

**Drive slowly & defensively, be observant.**  
**Stay on paved roads, proceed downhill, away from fire if possible.**

## TAKE WITH YOU WHEN YOU LEAVE

**If Trapped in Vehicle**

- Stay calm & stay together!
- Park vehicle in open area clear of vegetation
- Stay inside vehicle - it can be much hotter outside
- Protect yourselves with N95 mask & wool hat
- Lie on vehicle floor
- Cover yourselves with wool blanket or jacket
- Remain in vehicle until fire has passed

**If trapped, park vehicle off the road, if possible. Evacuate on foot only as a last resort.**

**If Trapped on Foot**

- Stay calm & stay together!
- Protect yourselves N95 mask & hard hat
- Protect yourselves with wool blanket or jacket
- Shelter in building or behind protective barrier
- Or find level ground clear of vegetation - a depression or ditch is best
- Deploy fire shelter if available & you are trained to use it
- Lie face down & cover entire body until fire has passed

**If Trapped in Home-Shelter in Place**

- Stay calm & stay together!
- Stay Inside - it can be much hotter outside!
- Put wet towels at door bases
- Keep away from outside walls & windows
- Protect yourselves with N95 mask & hard hat
- Protect yourselves with wool blanket or jacket
- Stay low to keep cool & avoid smoke inhalation
- Test door surface with back of hand before opening
- Shelter in place until fire has passed or forced to leave
- After fire has passed avoid damaged power lines
- After fire has passed check roof & attic for embers
- Put out any spot fires



The mission of Fire Safe Council of Santa Cruz County (FSCSCC) is to educate and mobilize the people of our County to protect their community, homes, and environment from wildfire.

FSCSCC was formed in 2016 as a CA nonprofit 501(c)(3) corporation.

Donations to FSCSCC are fully tax deductible.

✉ info@firesafesantacruz.org

## Prepared, Not Scared Worksheet

### Part 3: Evacuation Planning and Evacuation (items are listed in order of importance)

How to prepare to evacuate

How to evacuate

What to do if you are trapped

- In your home
- In your car
- On foot

# Fire Safe Council of Santa Cruz County

## Guía de Evacuación de Emergencia—Llévalo contigo cuando te vayas

Corta y coloca este panel en la ventana frontal.



¡IMPORTANTE! Practica y cronometra estos pasos

- ¡Mantén la calma y permanezcan juntos!
- Póngase ropa protectora opcional antes de evacuar  
Incluya: casco con faro, calzado resistente, gafas, guantes, máscara N95, silbato, pañuelo; atar el caballo largo.  
¡Trae botellas de agua adicionales!
- Asegure las mascotas y el ganado en los transportes / transportines
- Cargue las bolsas de viaje (GO) en el vehículo (vea el reverso)
- Cargue herramientas de evacuación opcionales en el vehículo (sierra de cadena, palanca, cortador de pemos, correa de remolque)
- Cargue agua adicional en el vehículo
- Encienda las luces interiores y exteriores de la casa
- Al salir, cierre puertas, ventanas y tragaluces, incluido el ganaje
- Forma de información al residente en la ventana frontal
- No cierre las puertas, los bomberos pueden necesitar refugio de las llamas
- Confirmar el lugar de reunión y el contacto fuera del estado con todos
- Elija la ruta más segura lejos del fuego
- Confirme la ruta de escape (si evacua más de 1 vehículo)
- Pruebe los walkie-talkies (si va a evacuar más de 1 vehículo)
- Cargue a la familia y las mascotas en los vehículos
- Hacer el recuento final: familia y mascotas
- Sintonice la radio del vehículo a la estación de emergencia local para información de evacuación y ruta  
AM: KSCD 1080  
FM: KBZ 90.1, KZSC 88.1, KPIG 107.5
- Encienda los faros; encienda el aire acondicionado del automóvil; configurado para recircular
- Válese—¡cuanto antes mejor!

Conduzca despacio y a la defensiva, esté atento.

Permanezca en caminos pavimentados, continúe cuesta abajo, lejos del fuego si es posible.

### Si Está Atrapado en el Hogar—Quédese en el Lugar

- ¡Mantén la calma y permanezcan juntos!
- Quédese adentro, ¡afuera puede hacer mucho más calor!
- Recoger extinguidores
- Coloque toallas mojadas en las bases de las puertas
- Manténgase alejado de paredes y ventanas exteriores
- Muévase al extremo de la casa más alejado del fuego que se aproxima
- Protéjase con máscara N95 y casco
- Protéjase con manta o chaqueta de lana
- Manténgase agachado para mantenerse fresco y evitar la inhalación de humo.
- Pruebe la superficie de la puerta con el dorso de la mano antes de abrir
- Refugiase en el lugar hasta que el fuego haya pasado o se vea obligado a irse
- Después de que el fuego haya pasado, evite los árboles dañados y las líneas eléctricas.
- Después de que el fuego haya pasado, revise el techo y el ático en busca de brasas
- Apague cualquier incendio puntual

### Si Queda Atrapado en el Vehículo

- ¡Mantén la calma y permanezcan juntos!
- Estacionar el vehículo en un área abierta libre de vegetación
- Quédese dentro del vehículo; puede hacer mucho más calor afuera.  
Un edificio más nuevo cercano puede ser un refugio más seguro.
- Protéjase con máscara N95 y goro de lana
- Acuéstese en el piso del vehículo
- Cúbrase con una manta o chaqueta de lana
- Permanecer en el vehículo hasta que haya pasado el fuego.
- Si está atrapado, estacione el vehículo fuera de la carretera, si es posible.  
Evacuar a pie solo como último recurso

### Si Está Atrapado a Pie

- ¡Mantén la calma y permanezcan juntos!
- Protéjase máscara N95 y casco
- Protéjase con la manta o chaqueta de lana



The mission of Fire Safe Council of Santa Cruz County (FSCSCC) is to educate and mobilize the people of our County to protect their community, homes, and environment from wildfire.  
FSCSCC was formed in 2016 as a CA nonprofit 501(c)(3) corporation.  
Donations to FSCSCC are fully tax deductible.  
info@firesafesantacruz.org

Cortar en el pliegue, rellenar este panel, publicar en ventana delantera en caso de evacuación.

### INFORMACION DEL RESIDENTE

Contacto: \_\_\_\_\_  
 Dirección de residencia: \_\_\_\_\_  
 Teléfono 1: \_\_\_\_\_  
 Teléfono 2: \_\_\_\_\_  
 Correo electrónico (Email) de contacto: \_\_\_\_\_

NÚMERO TOTAL DE RESIDENTES EN LA PROPIEDAD: \_\_\_\_\_  
 # de residentes que evacuaron: \_\_\_\_\_  
 Fecha y hora: \_\_\_\_\_  
 Nombre: \_\_\_\_\_  
 Nombre: \_\_\_\_\_  
 Nombre: \_\_\_\_\_

NÚMERO DE RESIDENTES QUE SE QUEDARON: \_\_\_\_\_  
 Nombre: \_\_\_\_\_  
 Nombre: \_\_\_\_\_  
 # Total de mascotas: \_\_\_\_\_  
 Mascotas que evacuamos: \_\_\_\_\_  
 Mascotas que dejamos atrás: \_\_\_\_\_

DESTINO PREVISTO PARA LA EVACUACIÓN:

Nombre: \_\_\_\_\_  
 Localización: \_\_\_\_\_  
 Teléfono: \_\_\_\_\_  
 Correo electrónico: \_\_\_\_\_

INFORMACIÓN DE LA PROPIEDAD:

Ubicación de cierre de propano: \_\_\_\_\_  
 Lugar de cierre de gas natural: \_\_\_\_\_  
 Ubicación de corte de energía / generador: \_\_\_\_\_  
 Acceso al agua: \_\_\_\_\_  
 Otra información: \_\_\_\_\_

FSC-08-17-21  
Jeb @jeb\_burnsman

# Preparado, no Asustado

## Hoja de Trabajo de Preparación para Incendios Forestales y Guía de Evacuación de Emergencia

Una Guía Paso-a-Paso para Preparar y Proteger a su Familia, Mascotas y Propiedad de la Amenaza de Incendios Forestales.  
Incluida la Preparación para la Evacuación y Guías para la Seguridad

Traído a listed por  
 Fire Safe Council of Santa Cruz County  
 Consejo de Seguridad contra Incendios del Condado de Santa Cruz

Prepared, Not Scared Worksheet

New Spanish language translation coming soon!

# Fire Safe Council of Santa Cruz County

Fuel Reduction - Before



Fuel Reduction - After

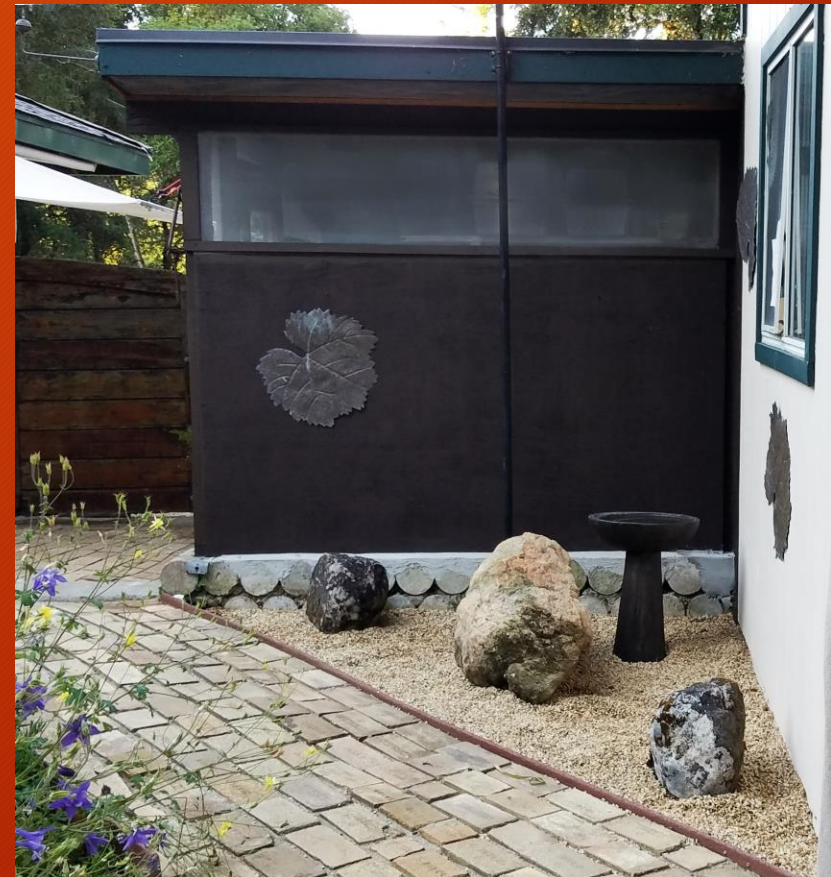


# Fire Safe Council of Santa Cruz County

Fuel Reduction - Before



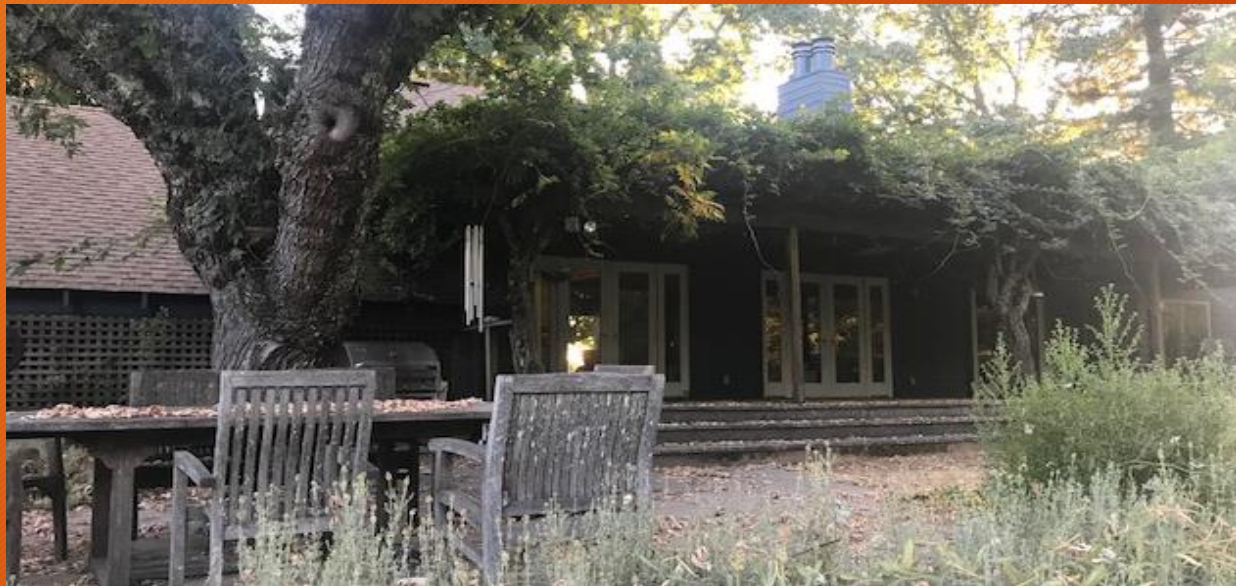
Fuel Reduction - After





# Fire Safe Council of Santa Cruz County

A difficult home to defend



An easier home to defend



# Firewise USA Communities

Lynn Sestak



# What is Firewise?

- **Firewise USA** is a national program, with over 1600 recognized sites. Our local CALFIRE and County Fire get involved with review and guidance as well.
- Firewise is a **framework for neighbors to collaborate** as a community, to reduce wildfire risk through education and proactive planning
- After completing **6 basic steps**, which include applying for Firewise USA recognition, that recognition is renewed on a yearly basis through neighborhood teamwork.
- **Benefits:** Next step beyond home hardening through working with neighbors, fire professional connections, possible home insurance considerations and access to grants
- **Local Firewise recognized communities:** Prospect Heights, Highland, Las Cumbres, Riva Ridge, Ellen Roads, Marty Road, Sunset Ridge Road, Forest Lakes and more

# Six Steps to become a Firewise Community

1. **Form a board/committee** (or existing Road Association group) comprised of proactive residents and other community stakeholders.
2. Collaborate on a **Community Risk Assessment** with your local Fire Dept or CALFIRE
3. Host a minimum of **one wildfire risk reduction educational event**, or related activity (example: Wildfire Evacuation Preparedness Workshop)
4. Develop a **multi-year action plan** based on your site's Risk Assessment
5. Meet the minimum **wildfire risk reduction investment** (1 hr or \$28/household)
6. Create and Submit your **Firewise USA application** through their portal

# Neighborhood Teamwork

- Plan work party days such as brush clearing along roads, and celebrate with potlucks afterward
- Consider education events such as Home Hardening workshops
- Collaborate with neighbors on priorities such as evacuation route planning, chipping projects
- Consider emergency communications method within your neighborhood (such as WhatsApp, Signal or hand held radios)



# Get Everyone Involved

- Kids hear about wildfires. Taking positive action helps them feel empowered.
- Getting to know your neighbors and who might need some extra help in a disaster is a side benefit of becoming a FireWise Community.
- Your local FireSafe councils provide education and guidance to support communities interested in obtaining Firewise USA recognition.
- Fire Safe Council of Santa Cruz County - <https://www.firesafesantacruz.org/>
- Firewise guidance - Lynn Sestak: [lynn.sestak@firesafesantacruzcounty.org](mailto:lynn.sestak@firesafesantacruzcounty.org)



# Related Resources

- Fire Safe Council Santa Cruz County Website
- [www.firesafesantacruzcounty.org](http://www.firesafesantacruzcounty.org)
- Fire Safe Marin County
- [www.firesafemarin.org](http://www.firesafemarin.org)
- Firewise USA
- [www.Firewise.org](http://www.Firewise.org)
- South Skyline Fire Safe Council Website
- [www.southskylinefiresafe.org](http://www.southskylinefiresafe.org)
- Santa Clara County Fire Safe Council
- [www.sccfiresafe.org](http://www.sccfiresafe.org)

# Resource Conservation District (RCD) of Santa Cruz County

Matt Abernathy



**RESOURCE**  
CONSERVATION DISTRICT  
OF SANTA CRUZ COUNTY



# What is the Resource Conservation District of Santa Cruz County?

- The RCD is dedicated to helping people help the land. We connect people with the technical, financial, and educational assistance they need to conserve and manage natural resources.
- Our mission includes fostering healthy forests that are resilient to wildfire in Santa Cruz County. We work in close partnerships with local agencies, organizations, and communities to accomplish this goal.
- The RCD strives to provide solutions that accomplish a multi-resource objective, as well as provides the tools for landowners to actively manage their properties.

# RCD's Forest Health and Wildfire Resiliency Program Objectives

- Improve forest health throughout the Santa Cruz Mountains.
- Create adequate defensible space around homes and infrastructure.
- Minimize fuel loads across larger landscapes.
- Reduce the spread of invasive plants and pathogens.
- Provide technical forestry assistance.
- Provide post-fire landowner assistance to our community.
- Facilitate regional coordination and collaboration.



# Landscape-Scale Project Management

- The RCD supports regional planning and project identification.
- Facilitates large-scale forest health and fuels management projects that cross multiple-properties.



# RCD No-Cost Chipping Program

- The program offers no-cost chipping for residents who have cleared the vegetation within 100 feet of occupied structures or 10 feet on either side of a private road.
- Chipping is a preferred method of reducing wildfire risk as it removes the hazardous ladder fuels and returns nutrients back into the soil.
- 238 served in the Spring 2021 chipping.
- RCD No-Cost Chipping Program - <https://chipping.rcdsantacruz.org/>
- For questions or inquiries: [chipping@rcdsantacruz.org](mailto:chipping@rcdsantacruz.org)



# RCD Technical Assistance

Upon request, an RCD Resource Specialist can tour your property and provide information about;

- Discuss the ecology and the current conditions of your land,
- Help determine your goals for your land,
- Recommend practices to reach those goals,
- Advise on which permits or pathways that may be needed or of use,
- Assist with project design and implementation
- Following the CZU Lightning Complex Fire we visited over 450 requests for assistance.

# RCD Technical Assistance

For more information: <http://www.rcdsantacruz.org/fire>

Please fill out the **Contact Us** page for inquiries regarding site visits.



**RESOURCE**  
CONSERVATION DISTRICT  
OF SANTA CRUZ COUNTY



Thank You For Attending  
Questions?