



REUNIONES COMUNITARIA SOBRE INCENDIOS FORESTALES

ENERO, 2020

AGENDA

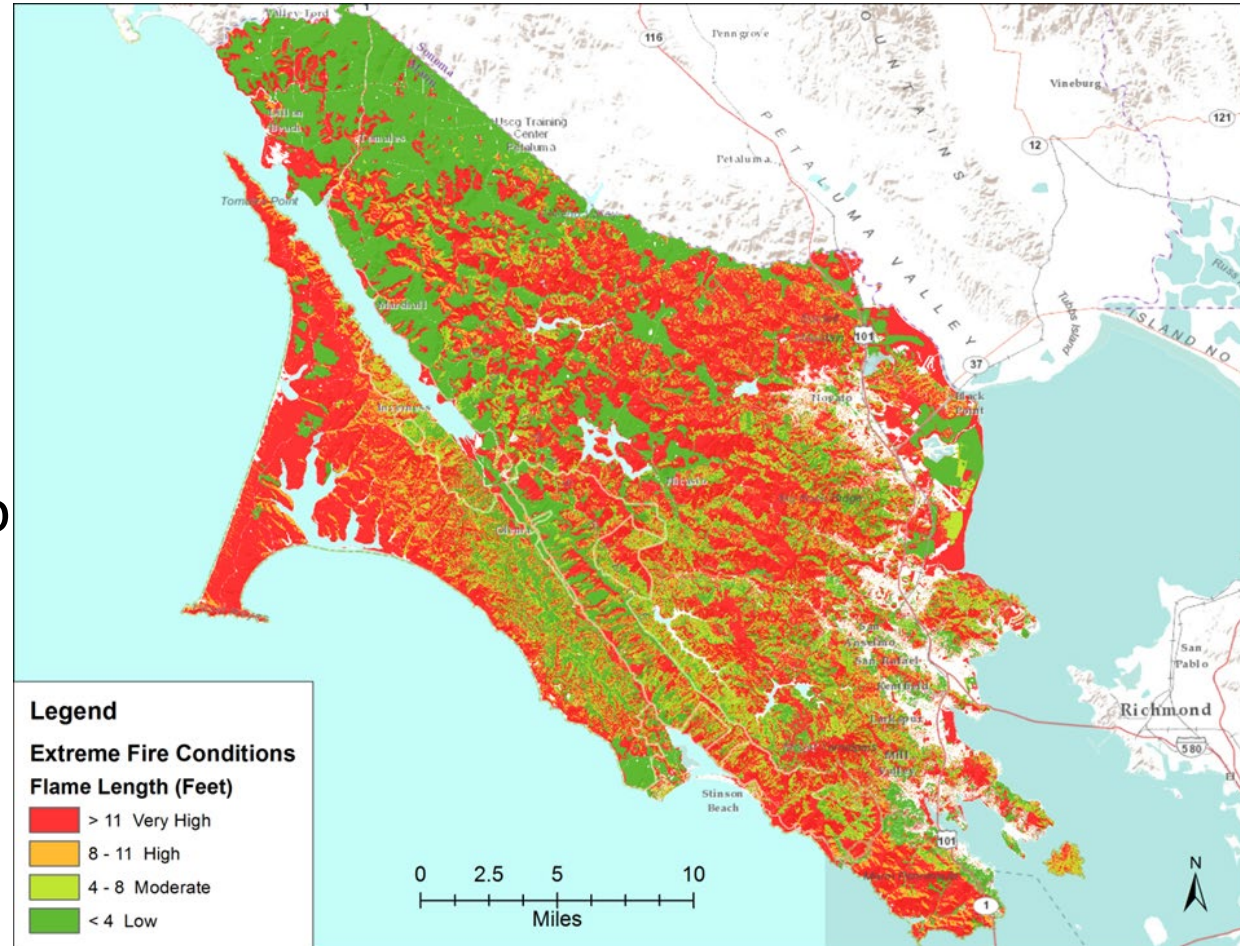
- Bienvenida y Presentaciones
- Historia
- Resumen del plan de incendios forestales
- Proyectos terminados y en curso
- Mapas de evacuación
- Autoridad de prevención de incendios forestales en Marin

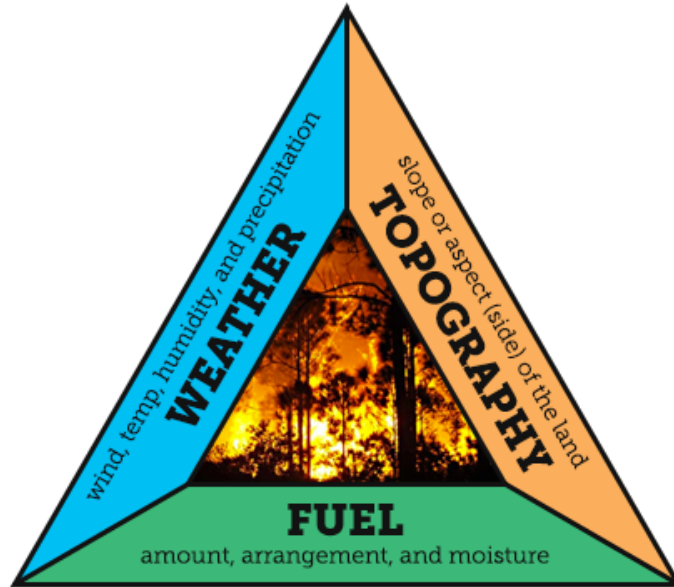
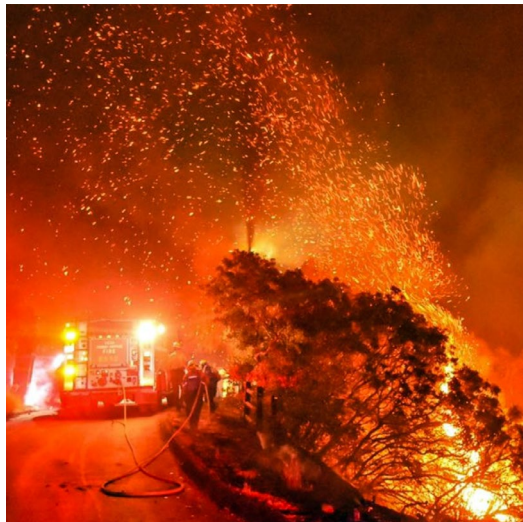


Riesgo creciente de incendios forestales

Los incendios forestales son

- Más grande
- Queman más tiempo
- Causan más daño
- Matan a más personas



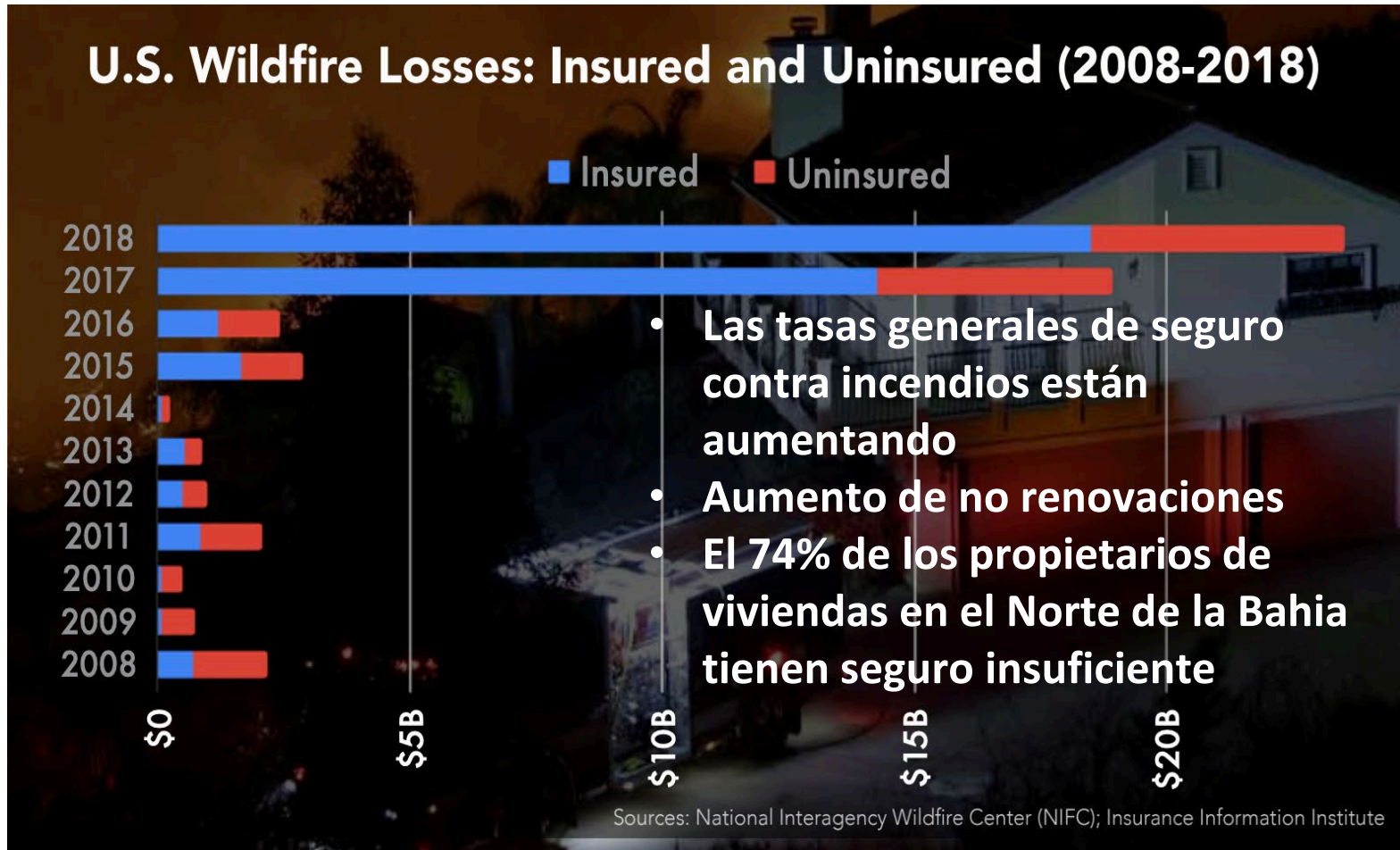


Fire Behavior Triangle





Implicaciones de seguros



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Wildfire Prevention and Protection Action Plan

DRAFTED MARCH 2019



SAN RAFAEL
THE CITY WITH A MISSION



2007 – Estándares de Vegetación Adoptada

Agosto de 2018: el Concejo Municipal ordenó al Jefe de Bomberos que “sea audaz” en un plan para reducir el riesgo de incendios forestales

22 de Enero - Proyecto de plan presentado

Marzo de 2019: la versión inicial del plan se aprobó como referencia

2019- El Comité Asesor de Ciudadanos para Incendios Forestales proporcionó comentarios sobre el plan

Noviembre de 2019: plan actualizado revisado y respaldado por el Comité

Enero 2020- Reuniones comunitarias

El trabajo de mitigación, prevención y preparación está en curso.

<https://www.cityofsanrafael.org/wildfire-action-plan/>

COMENTARIOS CLAVE DEL COMITÉ

- Normas de vegetación
- Ofrecer apoyo a los necesitados.
- Crear un proceso de exención a través de inspecciones, no de planes de manejo de vegetación
- Implementación y ejecución por fases
- Reducir las igniciones
- Enfatizar la educación pública y alcance



PUNTOS CLAVE DEL PLAN

- Normas y sugerencias de vegetación.
- Reducción de combustible y el riesgo
- Educación pública y divulgación
- Planificación de evacuaciones
- Exenciones a través de inspecciones
- Coordinación con socios regionales.
- El plan no cambia ninguna actualización de ordenanzas legislativas aún por venir
- Ejecución del plan limitada por fondos




Regístrate

- AlertMarin.org
- Nixle- text zip code to 888-777
- NOAA Weather Radios

Tenga y practique el plan de emergencia

Suministros personales - Bolsa y Lista de contenido

Mitigación



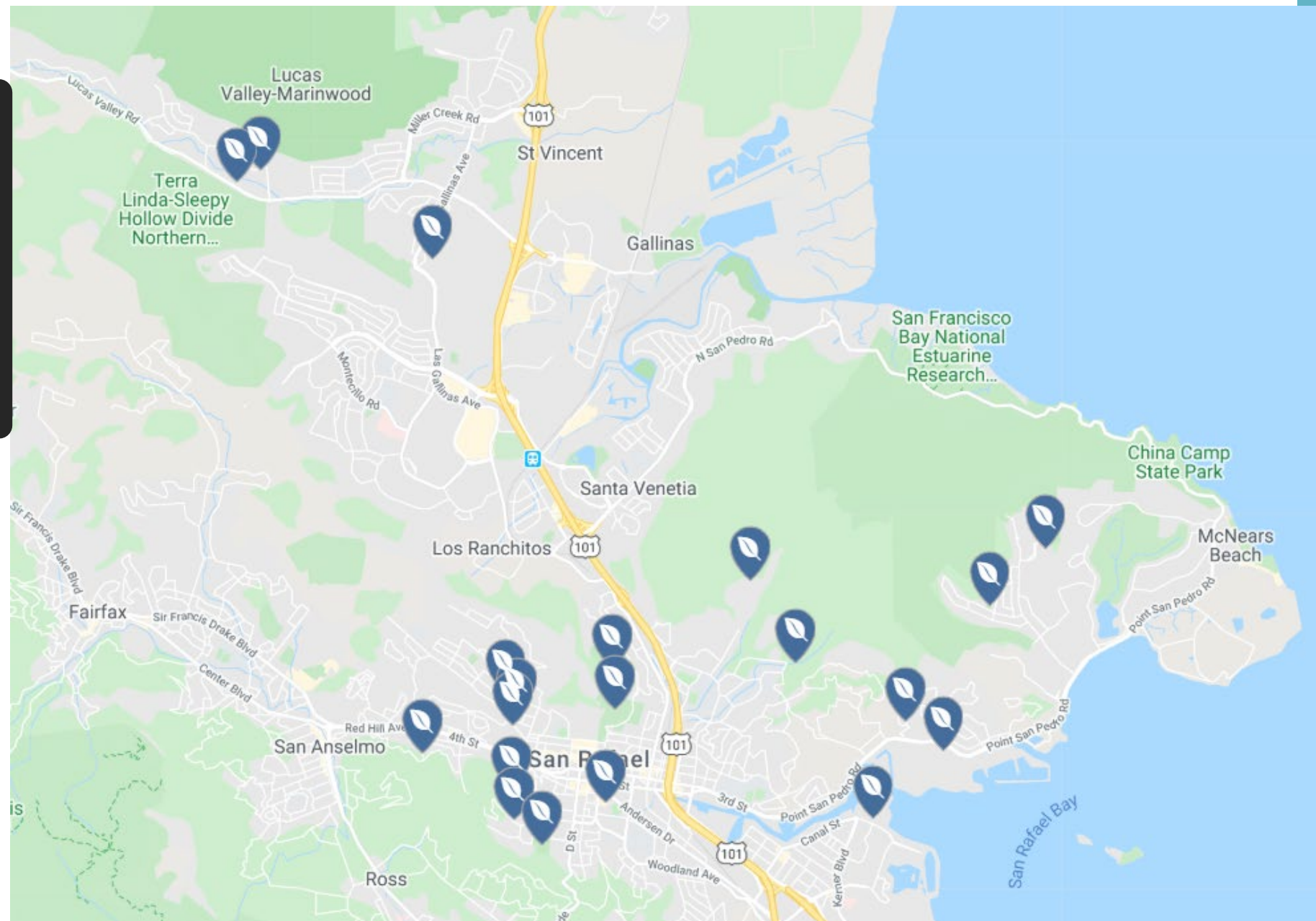
**ESFUERZOS
INDIVIDUALES**

ESFUERZOS DE PREPARACIÓN Y MITIGACIÓN EN TODA LA CIUDAD

- Reducción de combustible: espacio abierto, maquinas de astillado, cabras
- Preparación individual - 1- 2 horas Clase de preparación
- Preparación del vecindario - CERT, NRG, Firewise
- Estándares de alquiler a corto plazo
- Mejoras de alerta y evacuación

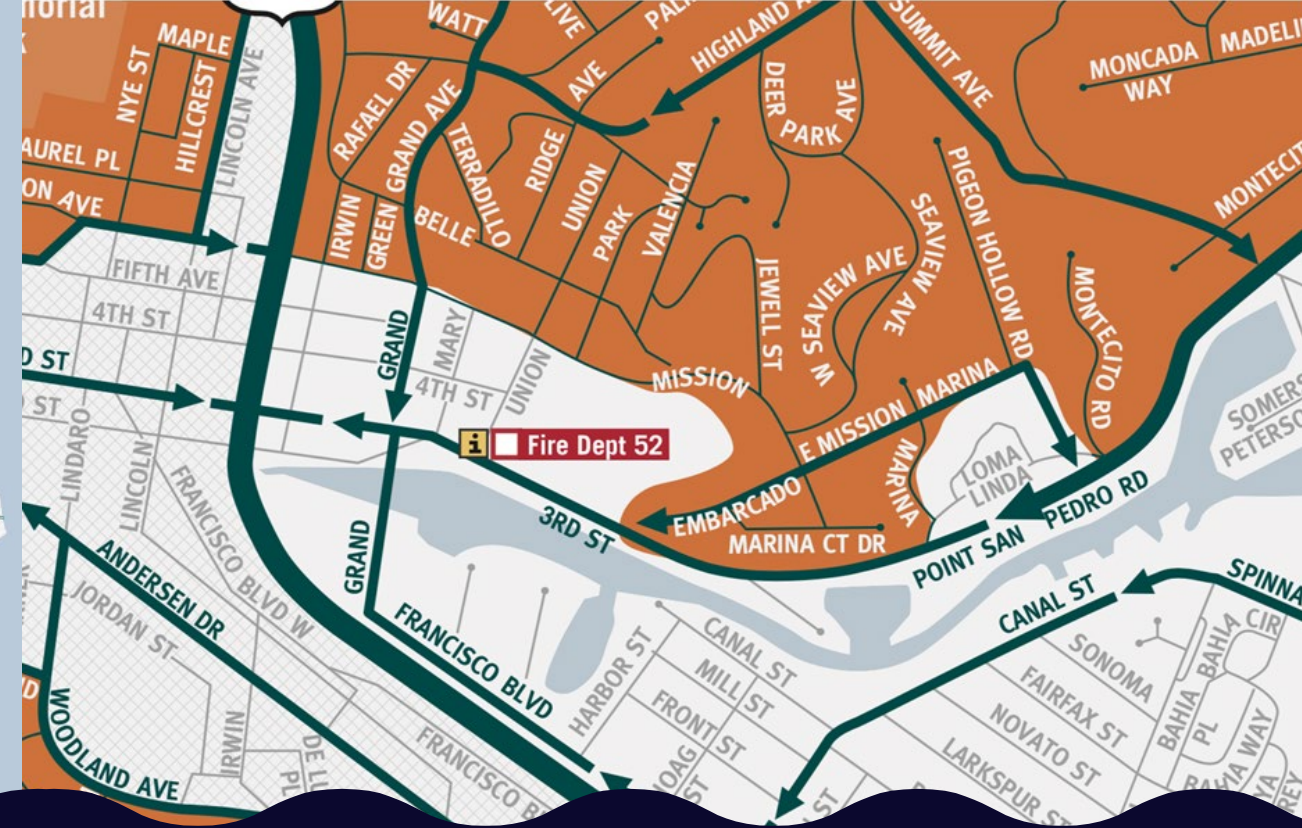
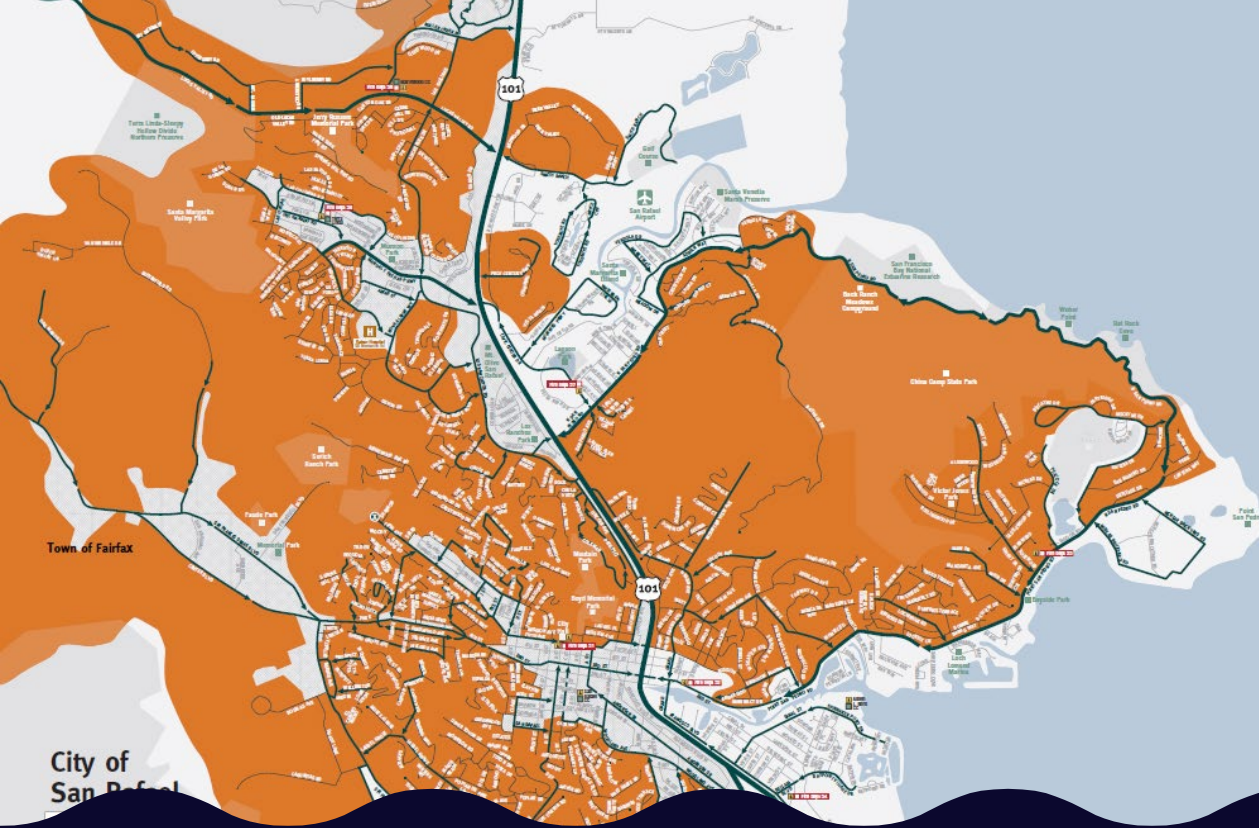


ASOCIACIÓN AMERICORPS



<https://www.cityofsanrafael.org/wildfire-prevention-assistance/>





MAPAS DE EVACUACIÓN

EJEMPLOS DEL PROYECTO

Don't wait. Plan now.

Quick facts about fire

Fire is fast: In less than 30 seconds a small flame can turn into a major fire. It only takes minutes for thick black smoke to fill a house or for it to be engulfed in flames.

Fire is hot: Heat is more threatening than flames. Room temperatures in a fire can be 300 degrees at floor level and rise to 600 degrees at eye level. Inhaling this super-hot air will scorch your lungs and melt clothes to your skin.

Fire is dark: Fire starts bright, but quickly produces black smoke and complete darkness.

Fire is deadly: Smoke and toxic gases kill more people than flames do. Fire produces poisonous gases that make you disoriented and drowsy. Asphyxiation is the leading cause of fire deaths, exceeding burns by a three-to-one ratio.

PUBLIC SAFETY POWER SHUTOFF PROGRAM

During elevated wildfire conditions, your power company may turn off power in some areas for safety. This is called a Public Safety Power Shutoff (PSPS). All Californians could be impacted by these emergency events and need to be prepared. For more information, visit: www.prepareforpowerdown.com.

Ready, Set, Go.

MANY RESIDENTS DO NOT FULLY UNDERSTAND THE IMPACT THAT COULD RESULT FROM WILDFIRE. THERE MAY NOT BE A LOT OF TIME TO FIGURE OUT WHO IS HOME, WHAT TO TAKE, WHERE OR WHEN TO GO. TAKE PERSONAL RESPONSIBILITY AND LEARN WHAT YOU CAN DO TODAY.



SCAN THE QR CODE FOR MORE DETAILS

READY...

Create a **DEFENSIBLE SPACE**. By following these suggestions a buffer can be made to slow or halt the spread of wildfire to a structure, and provide adequate safety for firefighters protecting the building.

- Remove all dead vegetation, including leaf litter, from yard, roof and rain gutters.
- Trim trees to keep branches a minimum of 10 feet from structures and other trees.
- Remove combustible material and vegetation from around and under decks.
- Remove or prune vegetation near windows.
- Remove "ladder fuels" (low-level vegetation that allows the fire to spread from the ground to the tree canopy).

Create a **DEFENSIBLE HOME**. There are measures that can be taken to safeguard a home from wildfire. Each of them will increase the home's, and possibly your family's, safety.

- Roofs covered with composition, metal or tile.
- Eaves protected by enclosing them with stucco or siding.
- Vent openings covered with 1/8" to 1/4" metal mesh.
- Exterior walls covered with non-combustible siding or stucco.
- Windows and door glazing of double pane with at least one pane tempered.
- Balconies and decks built with ignition resistant or non-combustible materials.

In case roads are blocked or unsafe for travel. **Emergency kits** should contain enough supplies and belongings for every member of your household for at least 72 hours. Your to-go bag holds items needed to help you evacuate quickly and safely.

by the fire or by emergency vehicles and equipment. Choose the route away from the fire. Take your emergency kit containing your family and pets' necessary items.



GO.

Leave early! Knowing when to leave, what to take, where to go, and how to get there will prevent you and your family from being caught in smoke, fire, or road congestion while evacuating during a wildfire.

Don't wait to be told by authorities. If you are advised to leave, don't hesitate. Leave to a predetermined location. Have several travel routes.



Shelter in place If trapped by a wildfire, know when and how to shelter in place. Shelter away from outside walls. Patrol inside your home for spot fires and extinguish them. Wear long sleeves and long pants made of natural fibers such as cotton. Stay hydrated. Ensure you can exit the house if it catches fire (remember that if it's hot inside the house it is four to five times hotter outside) Check your roof and extinguish any fires, sparks, or embers. Check inside the attic for hidden embers. Patrol your property and

Know your way out.

FAMILIARIZE YOURSELF WITH YOUR NEIGHBORHOOD FIRE ZONE



- 1 Arch Beach Heights
- 2 Balboa Nyes
- 3 Big Bend
- 4 Bluebird Canyon
- 5 Boat Canyon
- 6 Canyon Acres
- 7 Coanotus
- 8 Club Laguna
- 9 North Coast
- 10 Central Coast
- 11 South Coast
- 12 Downtown
- 13 El Toro
- 14 Emerald Bay
- 15 Irvine Cove
- 16 Mir Vista
- 17 Old Top of the World
- 18 Park Avenue
- 19 Sunset
- 20 Temple Hills
- 21 Top of the World
- 22 Wesley



FOR NEIGHBORHOOD SPECIFIC MAPS VISIT

www.lagunabeachcity.net/evacuation



Left image: Laguna Beach Fire 1993. Right image: Aliso Fire 2016.

Get Connected.

This information could save your life! Share it with your family, neighbors and friends.

Website: www.lagunabeachcity.net/evacuation
 Nixle Alert: Register by texting 92651 to 888-777
<https://local.nixle.com/register/>

AlertOC: www.alertOC.org
 Twitter: @LagunabeachPD @Lagunabeachgov



Your neighborhood fire information

City of Laguna Beach
www.lagunabeachcity.net

PLEASE KEEP FOR YOUR REFERENCE

How prepared are you?

Did you know that 88% of Laguna Beach is within the "Very High Fire Severity Zone"? Take personal responsibility and prepare long before the threat of a wildland fire so your home and family are ready.

Why should you evacuate?

Public Safety Officials use Immediate Evacuation Order as a protective action in certain emergencies to help save the lives of residents, visitors, and first responders. Upon receiving an Immediate Evacuation Order, you should leave as quickly as possible. Evacuation routes become severely congested during evacuations.

TYPES OF EVACUATION ORDERS

Immediate Evacuation Order

Immediate Evacuation Order means there is an imminent threat to life and property. People and their pets in the Immediate Evacuation Order area should evacuate now, without delay. Law enforcement personnel will clearly state failure to evacuate may result in physical injury or death, a future opportunity to evacuate may not exist, and resources to rescue them may not be available.

Potential Evacuation Order

During events with notice or other slowly unfolding incidents where advance warning is available, there may be situations where Potential Evacuation Orders are warranted. Potential Evacuation Order means that there is a potential threat to life and property and preparations should be made should an Immediate Evacuation Order be issued. Individuals with access or functional needs should consider leaving now. If at any time you feel threatened, action should be taken to leave for a safe area.

EMERGENCY NOTIFICATIONS

Notifications from AlertOC are targeted to areas with an imminent threat to life and safety rather than the entire city. Notifications from Nixle are sent to

anyone registered regardless of where the incident is in the city. Register for AlertOC by visiting www.alertoc.com and Nixle by texting 92651 to 888-777. **Both are important!**

EJEMPLOS DE FOLLETOS

2 OAK MANOR Know your way out.



Scan this QR code to download your neighborhood map on your phone or tablet!

Familiarize yourself with major routes out of your neighborhood in case of an evacuation.



Ejemplo de Vecindarios

EVACUATION SAFETY TIPS

What to where?
Wear goggles, leather gloves, and heavy shoes/boots; protect skin with long cotton or wool clothing; protect airway and face with an N95 mask and bandanna. Wear a hat to protect hair from embers.

Where to go? Avoid hillsides. Head for a valley floor by car, away from the fire if possible.

Last resort... Go on foot or bicycle only if no other option exists. Sheltering indoors or in a car is usually safer than being exposed outside.

Never evacuate uphill, on fire roads, or into open spaces where there is unmaintained vegetation.

Don't panic in traffic! Inside a car on pavement is one of the safest places during a wildfire.

EMERGENCY ALERTS & FIRE INFORMATION

WILDFIRES CAN STRIKE SUDDENLY AND WITHOUT WARNING. EMERGENCY MANAGERS WILL ATTEMPT TO NOTIFY RESIDENTS WHEN EVACUATION IS NECESSARY, BUT THIS IS NOT ALWAYS POSSIBLE. ADVANCE PREPARATION AND SITUATION AWARENESS ARE REQUIRED.

ALERT MARIN: Emergency Notifications and Evacuations

For ACTION at a specific ADDRESS

- Critical evacuation and life safety information, during emergencies, to specific addresses.
- Voice, Text, and Email messages

To register visit www.alertmarin.org

NIXLE: Information Notices

For INFORMATION to an entire ZIP CODE

- General information and less critical updates to larger populations, by zip code only.
- Text messages only

To register, text your zip code to 888777

AM/FM RADIO, SOCIAL MEDIA:

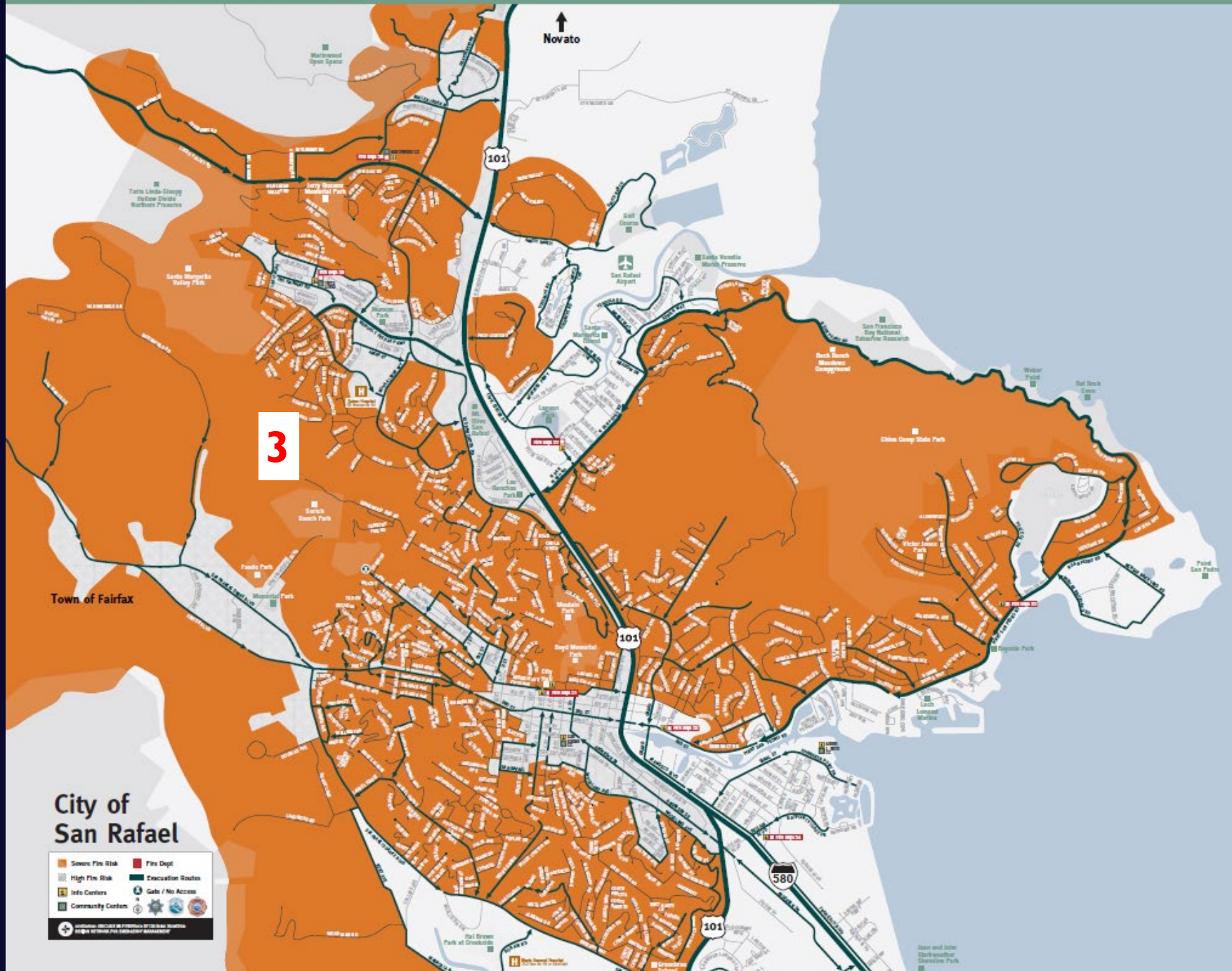
Bay Area News; Twitter, Facebook

Monitor FM 106.9, AM 740 (KCBS); AM 810 (KGO); FM 88.5 (KQED); FM 92.3; FM 90.5; FM 89.9 (KWMR)

Follow: @MarinSheriff, @MarinCountyFire, @FairfaxPD, and @RossValleyFire

NOAA Radios: tune to 162.500 or 162.400 (same code 006041)

Familiarize yourself with major routes and at least two ways out of your neighborhood in case of an evacuation.



Ejemplo de toda la Ciudad

COMENTARIOS DEL MAPA

1. Marcar calles sin salida y portones
2. Marcar las áreas de refugio temporales (¿ideas de nombres?)
3. Señales de la ciudad
4. Señales de Vecindarios
5. Efectividad en toda la ciudad
6. Eficacia en los vecindarios



LO QUE QUEDA Y LO SIGUIENTE

Reducción continua de combustible

Actualización de ordenanzas

Alcance y educación

Cajas de estacionamiento


Guardabosque en espacio abierto

Rutas de evacuación

Asistencia de bajos ingresos

Limitado por el presupuesto actual

AUTORIDAD DE PREVENCIÓN DE INCENDIOS FORESTALES DE MARIN

- Se adapta al plan 38- Coordinación con otros.
 - Ayudaría a lograr los objetivos del plan
 - El financiamiento controlado local apoyaría a los guardabosques y las cajas de estacionamiento, entre otros proyectos.
 - No existirá sin la aprobación de la medida de votación
 - Más información sobre MWPA en <https://www.marinwildfire.org/>
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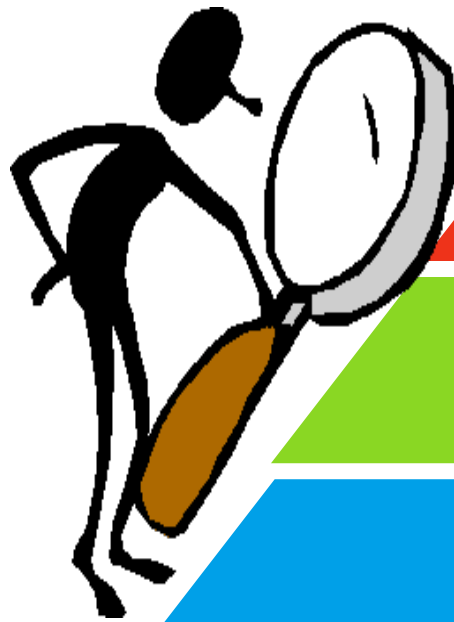
Metas de la Iniciativa

- Mejorar los sistemas de alerta de emergencia y de incendios.
- Mejorar las rutas de evacuación y la infraestructura para evacuaciones más rápidas y seguras
- Reducir la vegetación peligrosa utilizando prácticas ambientalmente responsables.
- Ampliar el espacio defendible y las evaluaciones de seguridad contra incendios
- Proteger la infraestructura crítica
- Brindar apoyo a personas de la tercera edad, propietarios de bajos ingresos y personas con discapacidades que necesitan asistencia para mantener sus hogares protegidos de incendios.
- Ampliar los programas de seguridad y preparación para incendios forestales del vecindario
- Financiamiento estrictamente para la prevención y protección de incendios forestales.





Gobernancia



**Comité de supervisión
ciudadana**

Junta Directiva
Funcionarios miembros electos de las agencias

Comité de Operaciones / Presupuesto
Personal y miembros de la agencia

Comite de prevencion
LMA, PG&E, ESP, personal técnico





Programa de Financiamiento

Area del Programa		Financiamiento estimado	% de Fondos
JPA Core	Mejoras en el programa de detección y evacuación de incendios forestales	\$11.5 million	60%
	Manejo de Vegetación / Reducción de Riesgos de Incendios		
	Subsidios		
	Educacion publica - Marin seguro de incendios		
Evaluaciones de espacio defendible - Preparaacion del hogar Con opción para que la agencia administre vs JPA		\$3.9 million	20%
Agencia especifica para mitigación y prevención de incendios forestales		\$3.9 million	20%
Total Cost:		\$19.3 million	100%





Estructura de impuesto a las parcelas

- Hasta 0.10 por pie cuadrado de construcción
- Mejora residencial y comercial
- Costo para el propietario promedio = \$ 17.50 / mes
- Residencial de unidades múltiples (3 o más unidades)
- \$ 75 / unidad o \$ 6.25 / mes
- Parcelas sin mejoras
- 0 - 0.25 acres - \$ 25 / paquete
- 0.25 - 0.50 acres - \$ 100 / parcela
- 0.50 y más - \$ 150 / parcela
- Exención para personas de bajos ingresos
- Ajuste anual de inflación - IPC del Área de la Bahía 3% max





- Para mas información
- www.marinwildfire.org



RESUMEN Y RECURSOS

- Alerta de Emergencias - envíe el coding postal al 888-777 y AlertMarin.org
- Inscribirse a CERT- ReadyMarin.org
 - Proxima Reunion 4 de Marzo 6:30-9pm, B St.
- Programa de asistencia para la eliminación de vegetación:
<https://www.cityofsanrafael.org/wildfire-prevention-assistance>
- Mas information en MVWPA <https://www.marinwildfire.org/>
- Oficina de Servicios de Emergencia de San Rafael: SROES.org
- Veá el plan de marzo de 2019: <https://www.cityofsanrafael.org/wildfire-action-plan/>
- Solicitar una inspección de vegetación: 415-485-3304