

Department of Emergency Management

- Philosophical Plans
- Technical Planning
- Reality





Preparation and Responsibility

“It’s not the will to win that matters-everyone has that. It’s the will to prepare to win that matters.”
-- Bear Bryant

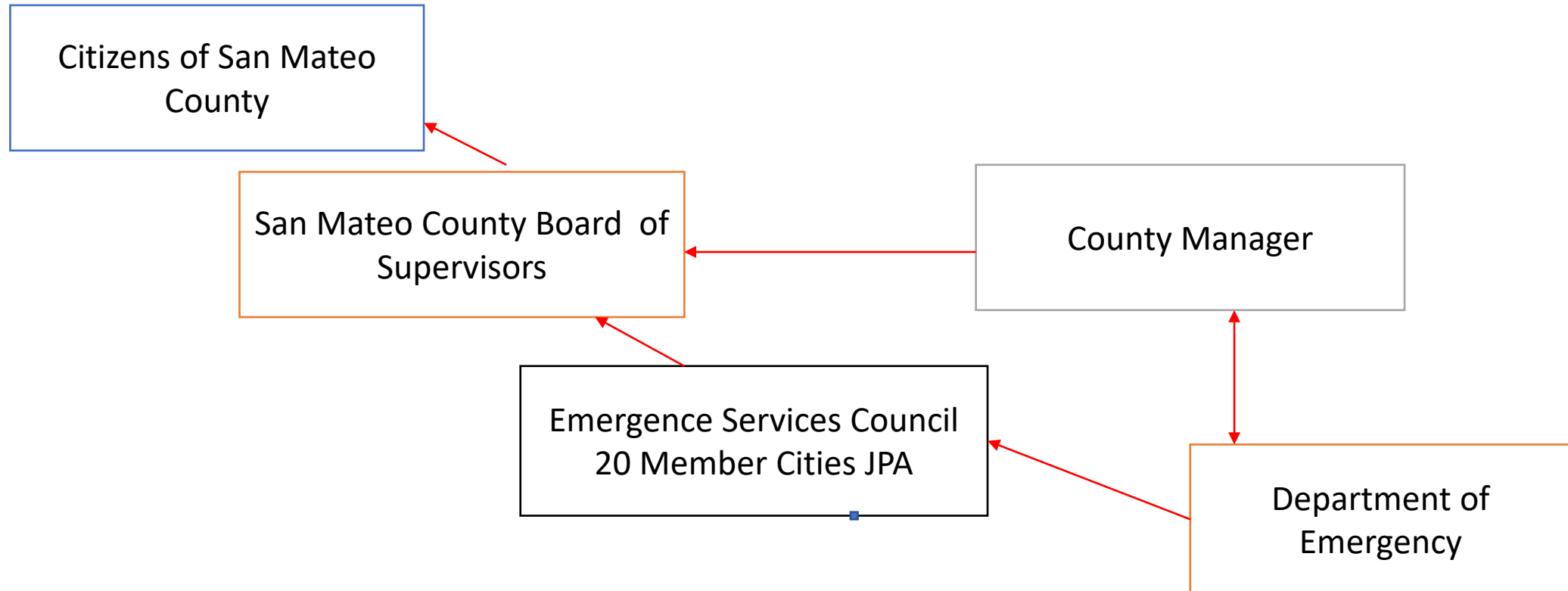
“You cannot control the date or the time of an emergency event or a disaster, but you can control the training and time you take to prepare.”
-- DJM

Are you Ready?



- The Community must be responsible for there own well being for the first 120 hours (5- Days)
- Take care of yourself, Significant other and your Family
- Do it now!
- Arnold Ca. Dec. 25th

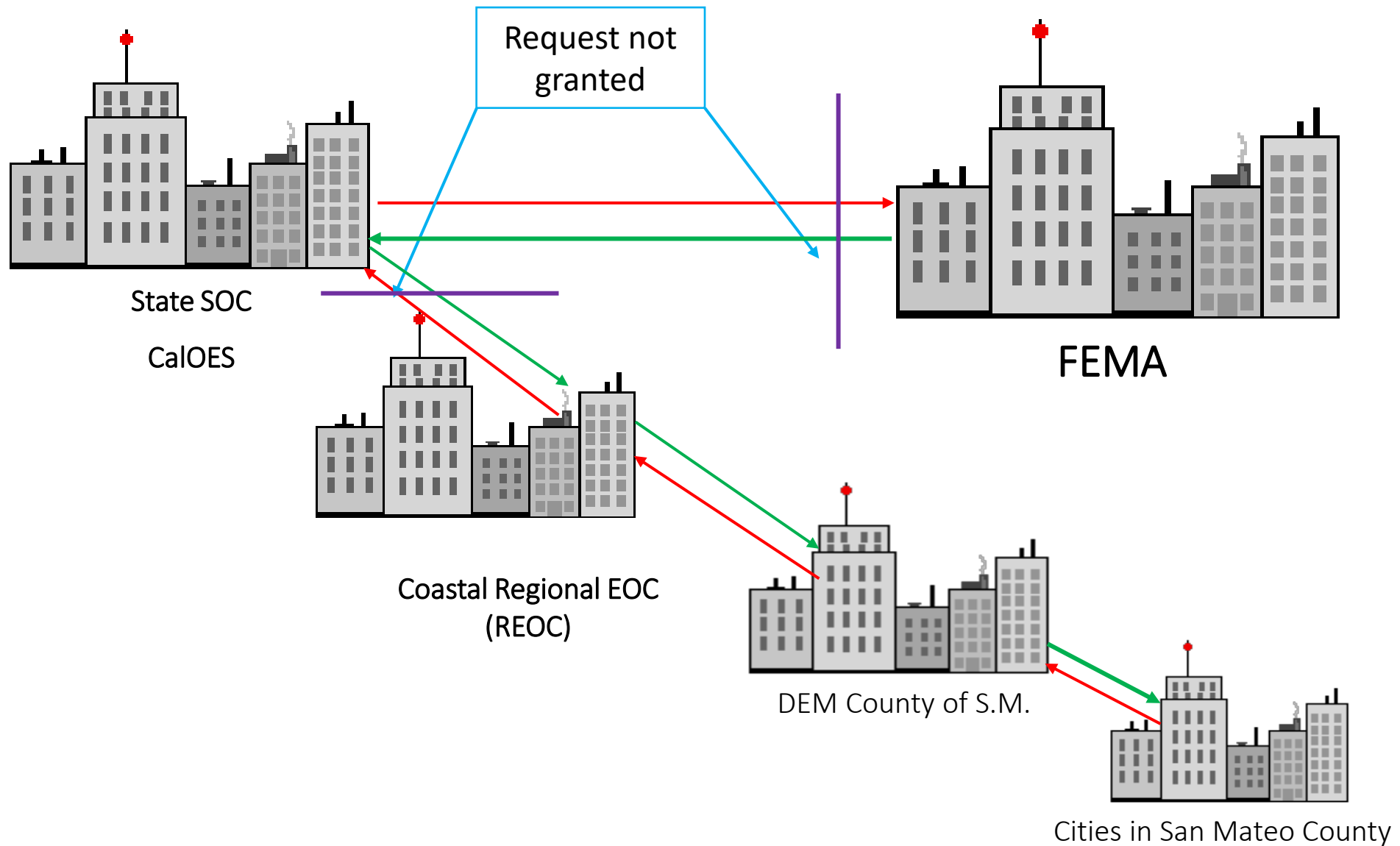
Governance of the Department Of Emergency Management





San
Francisco
International
Airport

EMERGENCY OPERATIONS CENTERS



California's Six OES Regions

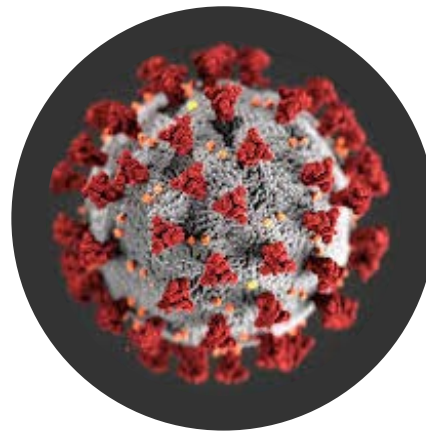
1. Southern
2. Coastal
3. Northern
4. Inland
5. Valley
6. Southern





Any Where USA

- Disasters occur at any time of the day or night
- Are we ready
- Do we understand the threat
- Which one of these are you ready for
- What can we do to
- Our system is very fragile



Sunday San Jose Mercury

'I LOST MY HOUSE, MY DOGS, EVERYTHING BUT WHAT I'VE GOT ON'

FIRE THREATENS LIVES AND DEVOURS HOMES



PHOTOS BY KARL MONDON — STAFF PHOTOGRAPHER

The Lincoln Heights neighborhood of Weed is the scene of devastation after the fast-moving Mill Fire consumed dozens of homes.

Siskiyou County's Mill Fire nears 4,245 acres, with 25% containment; thousands of Weed residents evacuated

By Ethan Baron and Shomik Mukherjee
Staff writers

WEED » Fueled by gusty winds and sweltering temperatures, the fast-moving Mill Fire provided an ominous beginning to a brutally hot Labor Day weekend in Northern California, as it tore through Siskiyou County neighborhoods, claiming dozens of homes, causing multiple injuries and sending thousands of residents fleeing for their lives.

The disastrous inferno — suspected of starting around a local wood-manufacturing plant in Weed on Friday — jumped to 4,245



HEAT WAVE

Stay cool and safe as temps increase

Elderly, young are especially at risk

By Eliyahu Kamisher
ekamisher@bayareanewsgroup.com

As parts of the Bay Area brace for days of triple-digit temperatures, health officials are sounding alarm bells over the deadly impacts of extreme heat waves and offering tips to keep safe.

Dr. Tomas Aragon, who heads the California Department of Public Health, said during a press briefing Saturday that his advice boils down to four main points: "Stay cool. Stay hydrated. Stay connected and stay informed."


Aragon and others say the most vulnerable residents are seniors, young children and babies, people with pre-existing medical conditions and pregnant women. These people in particular should remain in air-conditioned spaces as much as possible, wear lightweight clothing and schedule any outdoor recreation for the cooler periods of the day.

The heat wave worsening air quality has prompted a Stay at Home Air Alert through Sunday as ozone pollution is expected to reach unhealthy levels due to extreme pressure, light winds and vehicle exhaust. People

HEAT

FLORIDA

Leak ruins NASA launch



Three key statements about preparing yourself



Training creates control, knowledge and strength



Training is information, and information is power for you to overcome adversity in difficult times



Training gives you the confidence in what you have to do and how you are going to do it

Disaster Happen with Little Time or Warning

1. Always at night
2. It's always cold and raining
3. No power
4. At 2:00 am
5. No communication
6. No one answers their phone
7. Always on a holiday
8. Do you have a plan

Big Puzzle

There are a lot of pieces to put together

Each City, town or jurisdiction should decide what they want to do and have discussion both internally and externally regarding evacuations.

Do we understand the complexity of an evacuation?

Is the community in tune to what an evacuation means and understand what will be expected of them.

Do schools have well developed plans regarding evacuations and trained the parents on what will occur doing an evacuation of the schools.





Department of Emergency Management

1. Discuss and facilitate issues concerning the Operational Area
2. Support and participate in the development of regional plans
3. Respond to the field as needed to support the Incident Commander
4. Create a phased approach to planning
5. Develop a countywide working group to ensure impute for the plans, both tsunamis, and wildfires
6. Requires full participation from the First Responder Community due to the complexity of the project
7. Two key areas of focus: Coast side and Bayside.
8. Envolve and educate the community as much as possible
9. Training to the plan



Department of Emergency Management Coordinators Duties

Emergency service response,
planning, and coordination's
examples

Duty-Office 24/7 365 – Responds
to requests from the Operational
Area, CalOES, Region II, FEMA, US
Weather Service, DRW, and
related agencies

DEM is responsible
for coordinating the emergency
and disaster mitigation,
preparedness, response and
recovery efforts within the
Operational Area

Police — law enforcement,
criminal investigation, and
maintenance of public order. ...

Fire and Rescue Services —
Response to second alarm or
greater and hazardous materials
mitigation. ...

EMS or Ambulance — Multi-
Causal Incidents

Public Health Emergencies –
COVID-19

Human Services Agency –
Homeless Covid 19 individual
hotels

Vaccination Clinic Planning -
setup tracking, monitoring

COVID -19 testing sites

Water, Drought Task Force

EOC monitoring which is still being
staffed as a result of Covid-1 at a
Level 3 (lowest)

SMCAAlert

Zonehaven Evacuation (major
one-year planning process)

Large Animal Evacuations

SFO response Flight 214

Flooding and Landslides

Recovery CZU

Sheltering and agreements

State and Federal Grants (one
million)

56 - different plans that are
always in the process of being
updated and re-written

The Four Phase of Emergency Management

San Mateo County Emergency Managers Association

EMA plays an important part of the Counties preparedness and help with their four committee's in developing plans and response

Community Resilience/Volunteer,
Operations/ Coordination,
Technology and Training
Exercise Committee's





Math for Emergencies



Emergency: Day to day incident requiring response (Hallmark Fire)

Event: Asiana 214, San Bruno gas explosion

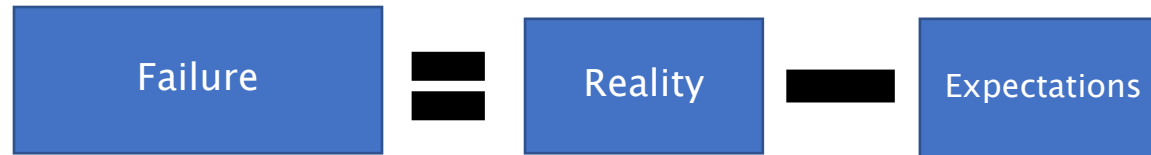
Disaster: Major earthquake (Northridge), tsunami, hurricane (Katrina, Sandy) Wildfires)

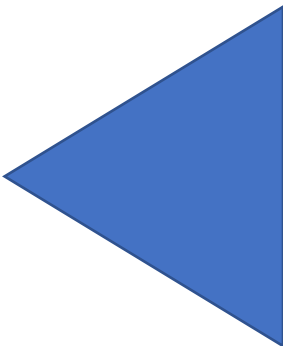
2021 Multijurisdictional LHMP2021 Plan

- Beginning in February 2021, a partnership of 36 local governments and special districts in San Mateo County began working together to update the San Mateo County Multijurisdictional Local Hazard Mitigation Plan.
- The Plan will enable the jurisdictions to use pre- and post-disaster financial assistance to reduce the risk of natural hazards to people in the County.
- The Local Hazard Mitigation Plan (LHMP) assesses hazard vulnerabilities and identifies mitigation actions that jurisdictions will pursue to reduce the level of injury, property damage, and community disruption that might otherwise result from such events.
- Addresses natural and human-caused hazards, including flooding, drought, wildfire, landslides, severe weather, terrorism, cyber threats, pandemic, and the impact of climate change on hazards, as well as other hazards.

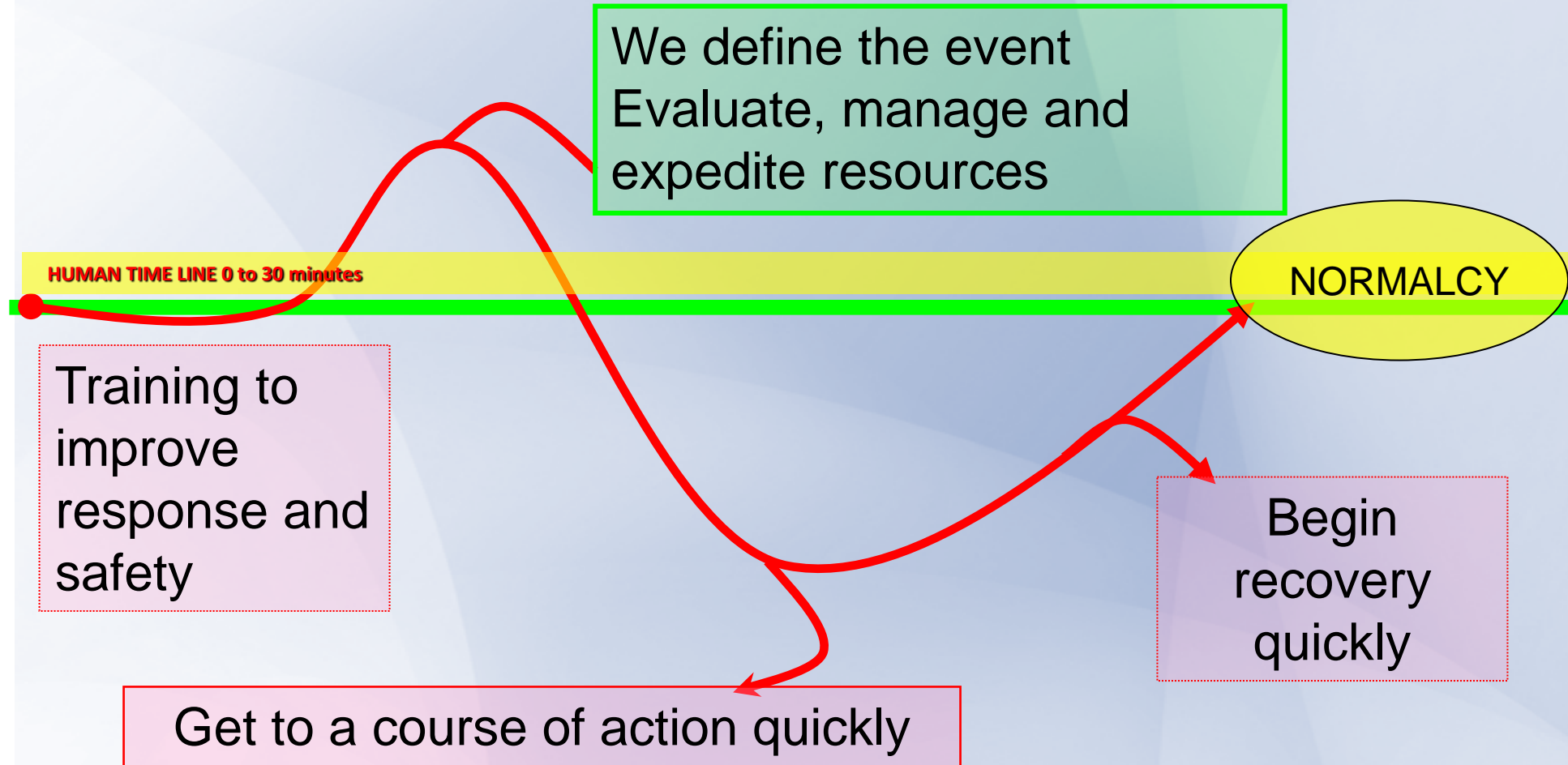


Failure Reality

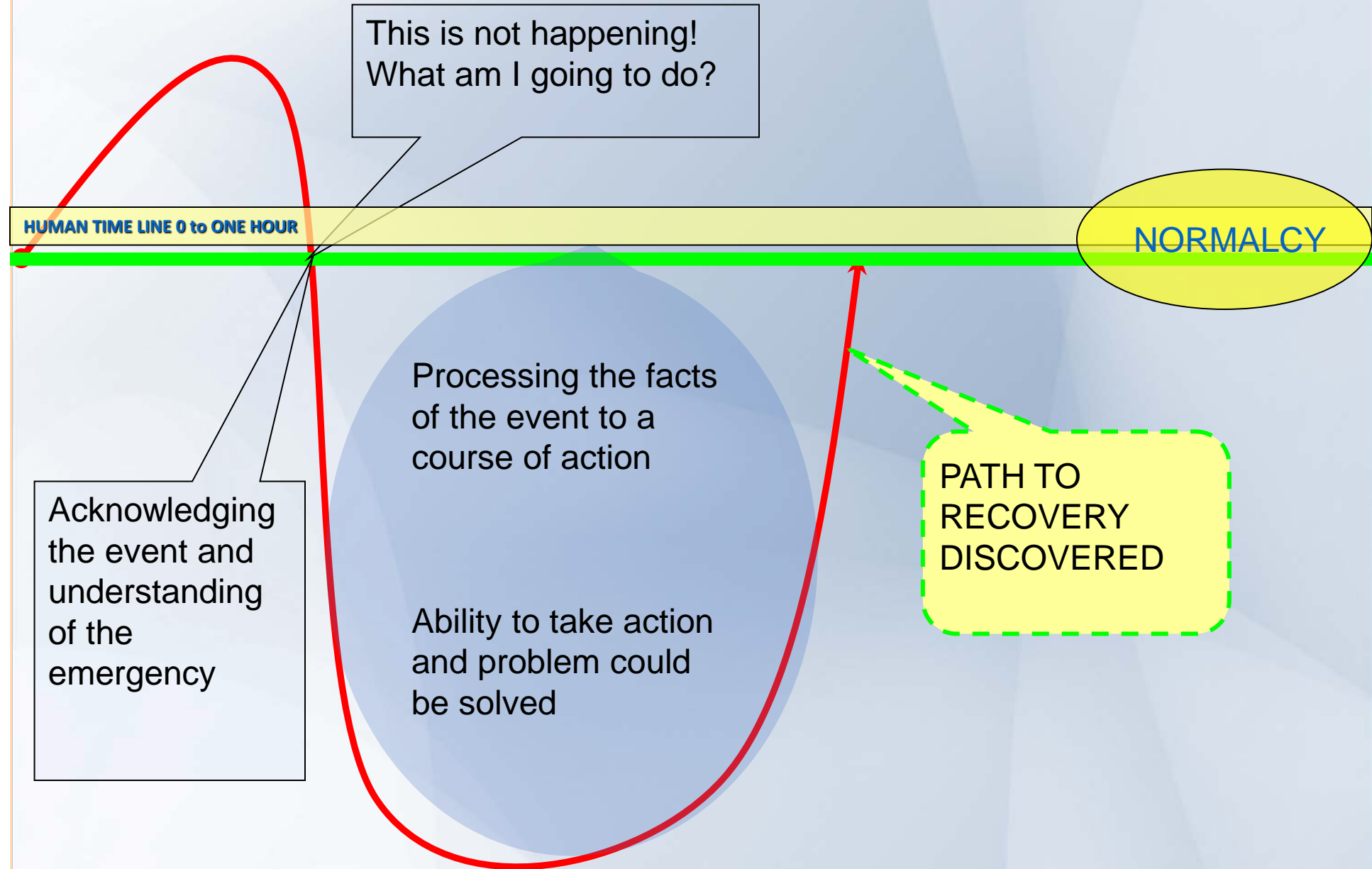


- As an event happens, your brain perceives the danger, and the brain engages the problem.
 - Do you have the skill set to deal with the issue?
 - Can you understand the “Reality” vs your perceived “Expectations?”
- 

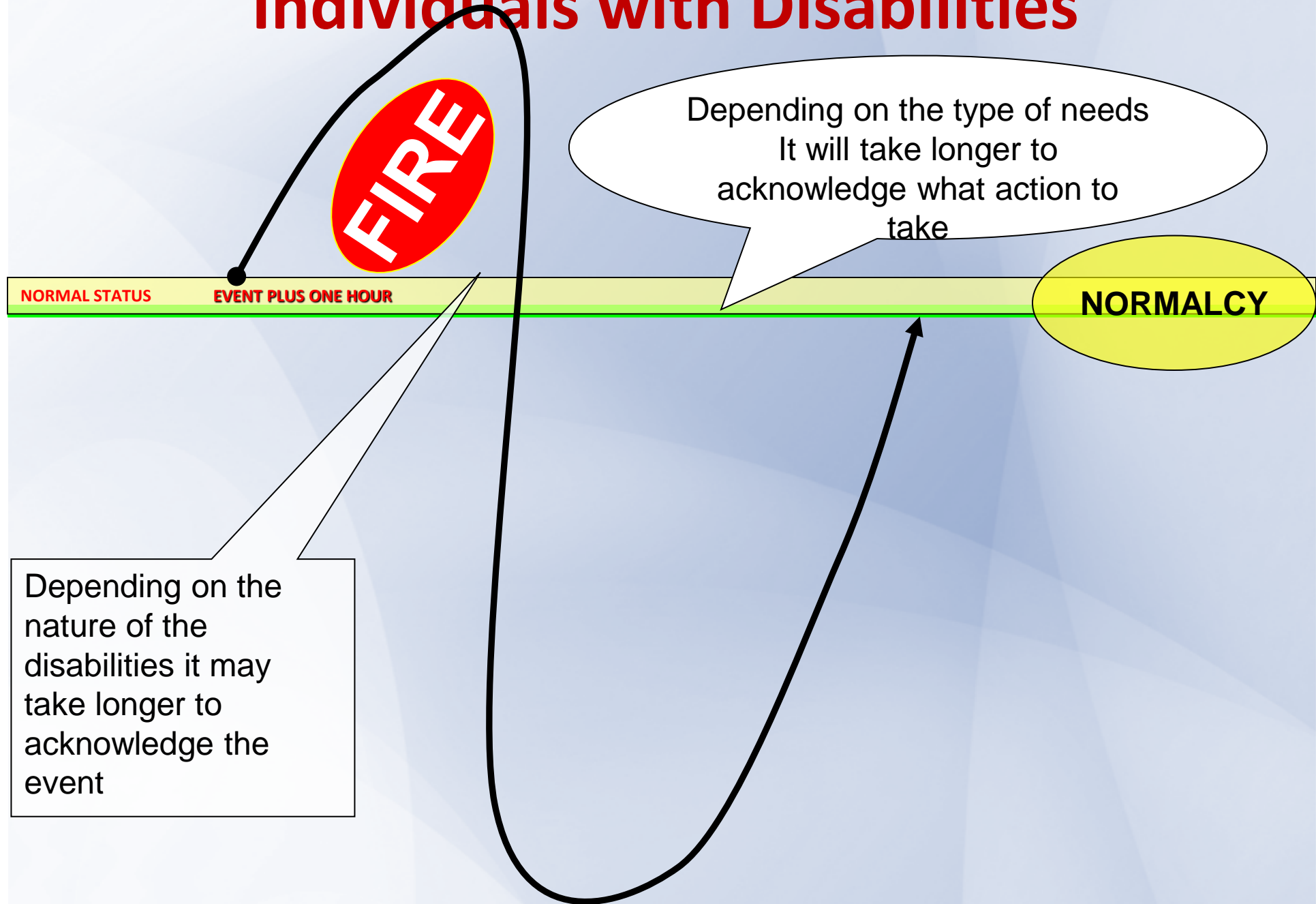
PUBLIC SAFETY RESPONSE



GENERAL PUBLIC RESPONSE

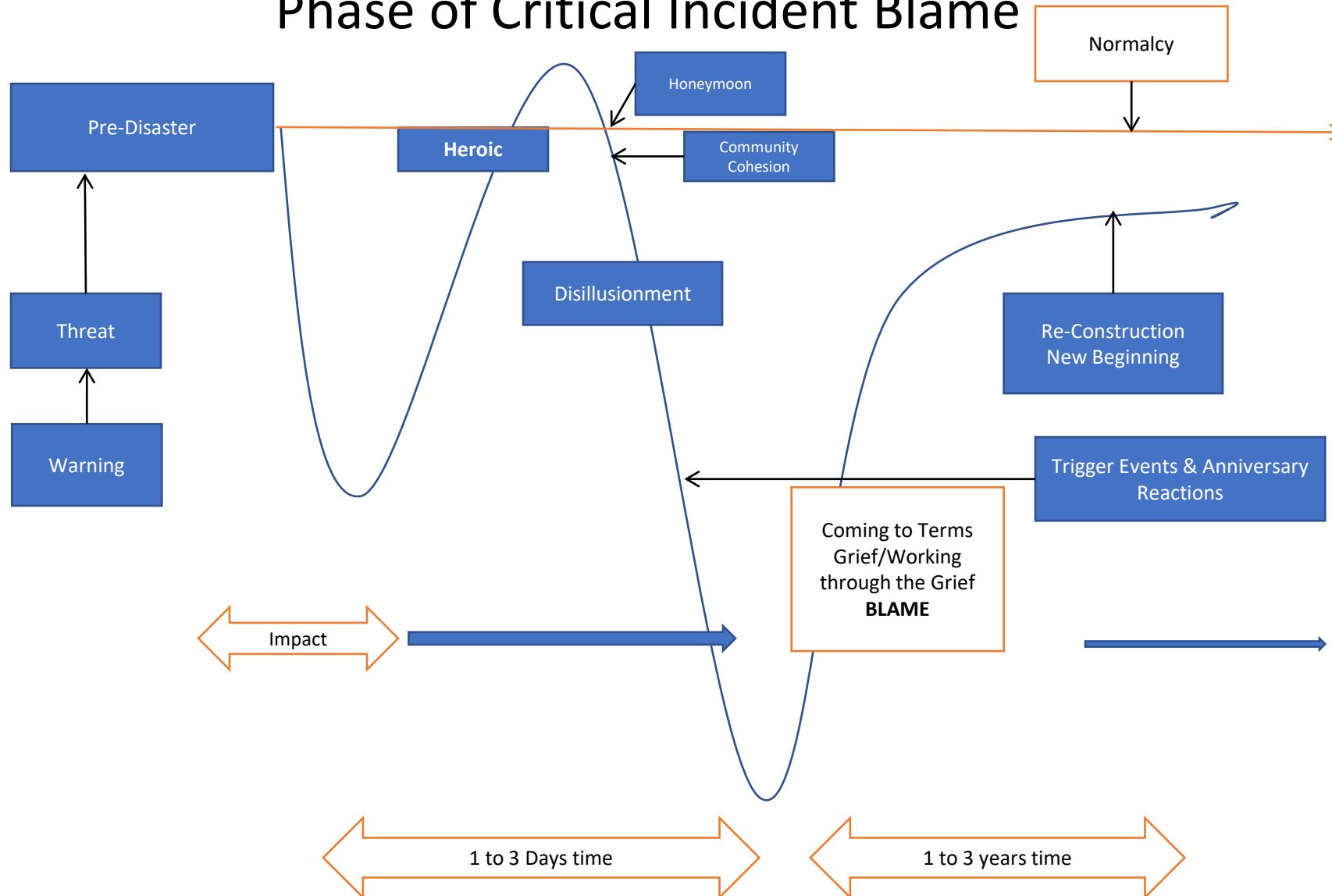


Individuals with Disabilities



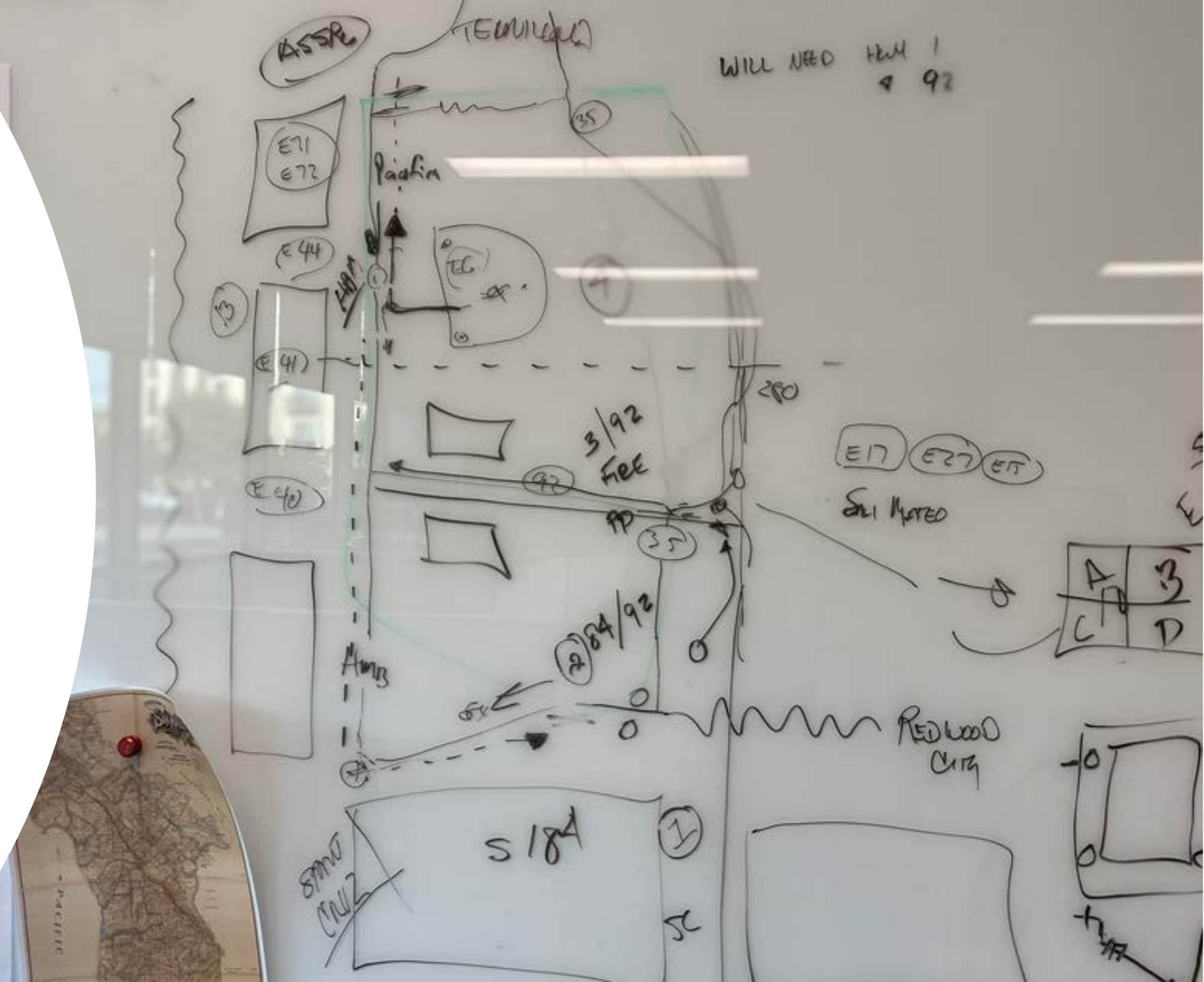


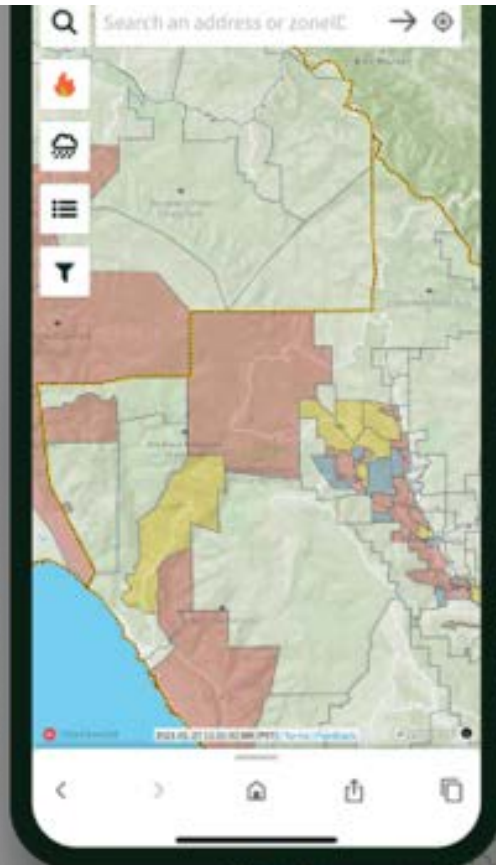
Phase of Critical Incident Blame



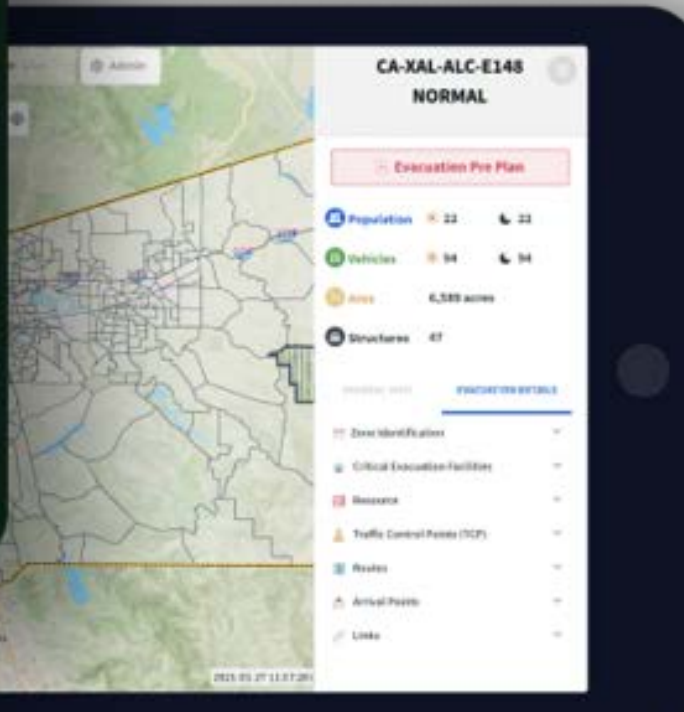
Plan concept – how to evacuate the coast and wooded areas?

- 1. Philosophical
- 2. Technical
- 3. Reality





Providing the community with critical evacuation updates, resources and latest updates on active incidents, all in one place





Edgewood Fire-Zonehaven



Sector B In Zonehaven



Multiple Zones Selected

US-CA-XSM-SMC-E086 US-CA-XSM-SMC-E086

Clear All

Evacuation Pre P

Population 11,877

Vehicles 1.3m

Area 38,397 acres

Structures 4,849

GENERAL INFO

EVACUATION

Summary

You are viewing multiple zones, for descriptions select a single zone

Jurisdictional Responsibility

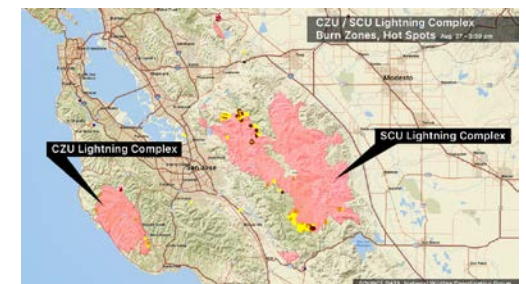
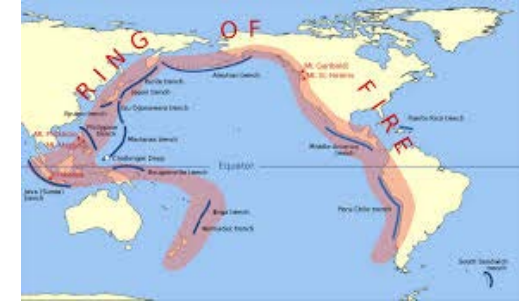
San Mateo County Fire Department

Coastside Fire Protection District

North County Fire Authority

San Mateo County Office of Emergency Services

Purpose: Discuss and evaluate the need for a master plan for evacuations of the area from Highway 280 to the coast and N/S county lines and Bayside Communities.



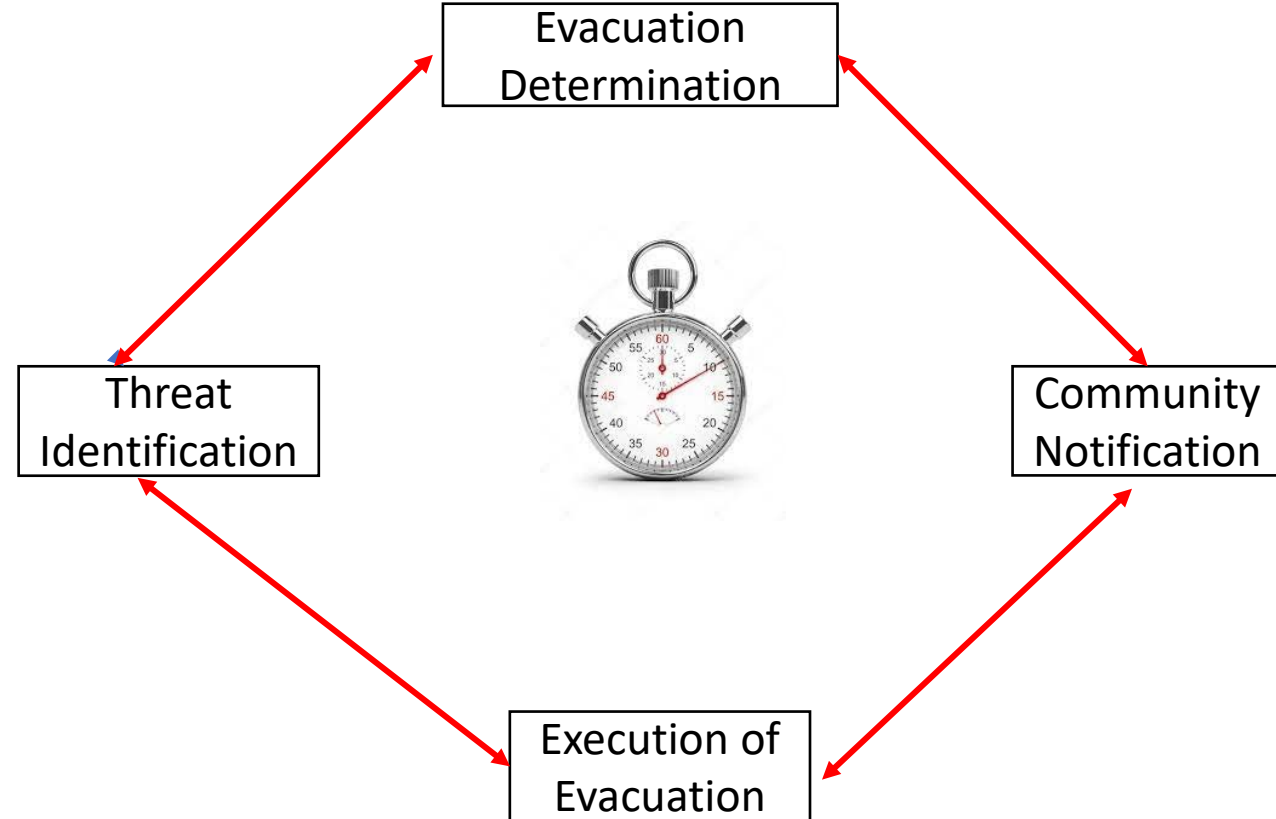
Zonehaven

291 Zones in Zonehaven

Sectors are created by outlining the established zones.

The emphasis is to try to understand the number of traffic control points you will need for the Sector.

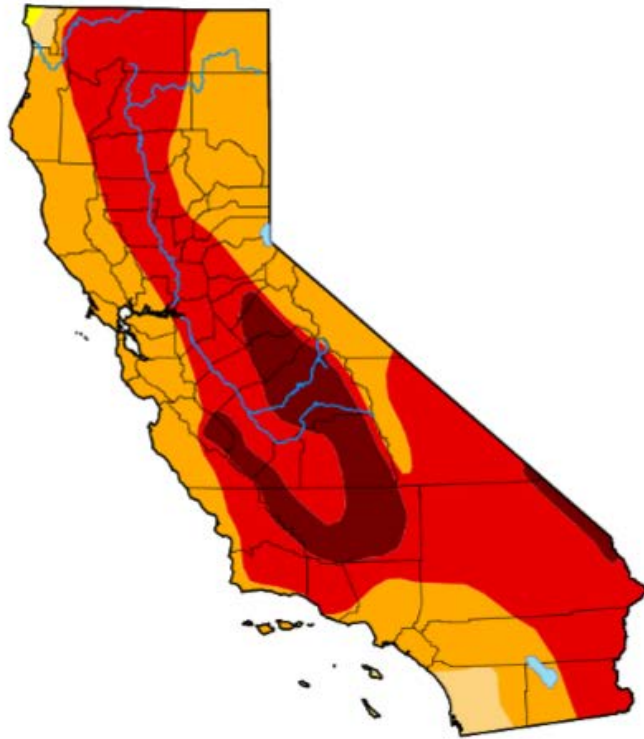
Preestablished Sector zones will cut down the time to evacuation. Starting the appropriate evacuation strategy.



- The time it takes from threat to determination of ordering the evacuation is critical. We all know that.
- When the disaster is over, that time is one of the key factors we will be judged on.

California

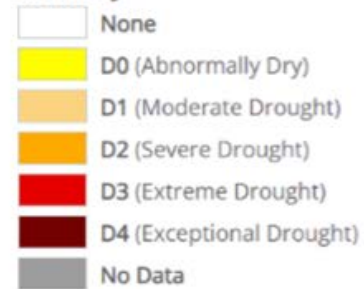
[Home](#) > California



Map released: Thurs. June 2, 2022

Data valid: May 31, 2022 at 8 a.m. EDT

Intensity



Authors

United States and Puerto Rico Author(s):

Curtis Riganti, National Drought Mitigation Center

Pacific Islands and Virgin Islands Author(s):

Richard Tinker, NOAA/NWS/NCEP/CPC

*The Drought Monitor focuses on broad-scale conditions.
Local conditions may vary. See accompanying [text summary](#) for forecast statements.*

Drought in California

California State Water Delivery System

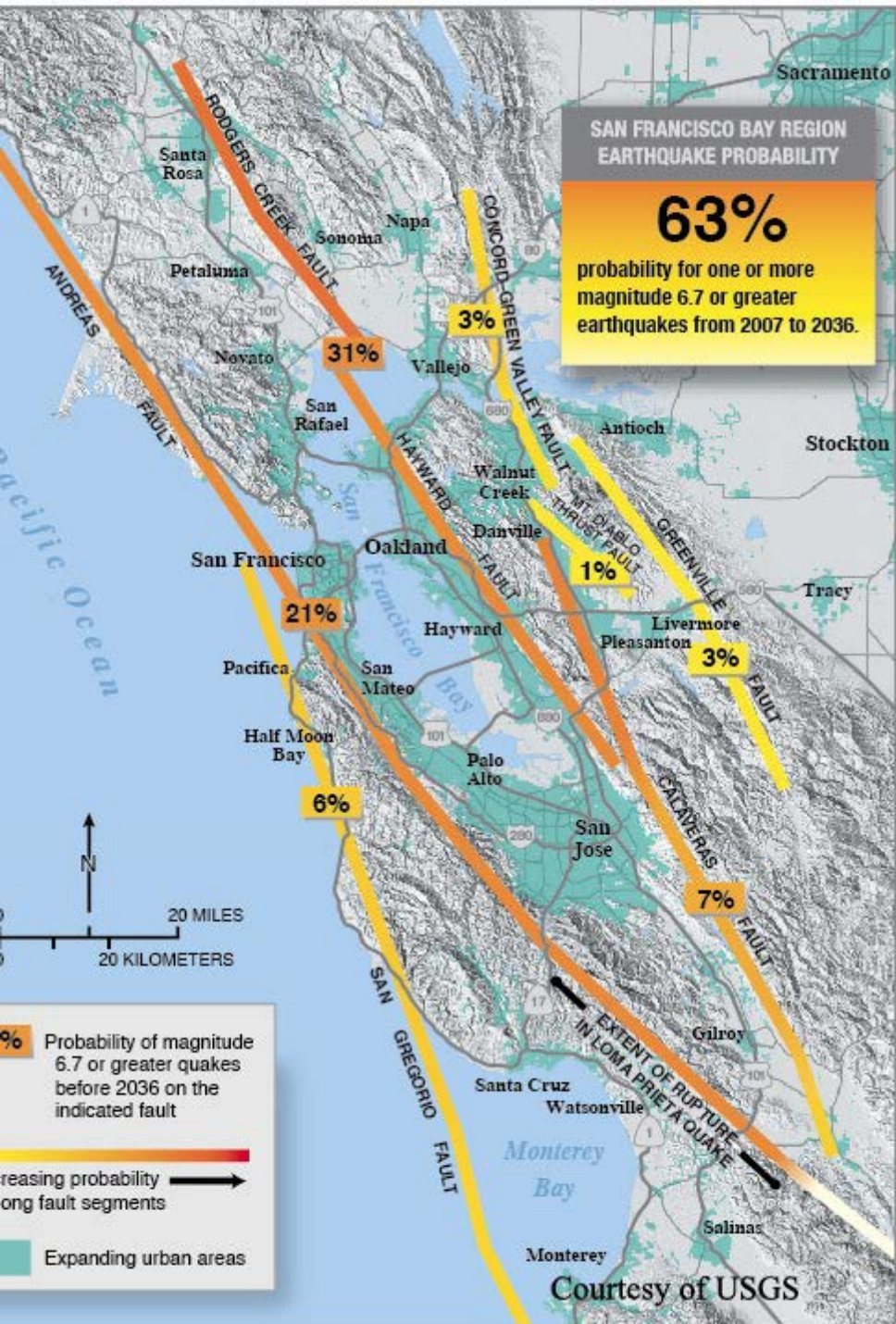
- Major Delivery Systems



Bay Area Bridges

Three Major Bridges

- Golden Gate
- San Mateo Bridge
- Dumbarton
- Bay Bridge



Loss of Bridges

How to get to the Peninsula

- San Jose Highway 237
- Boats
- Aircraft SFO/Moffit Field
- DART

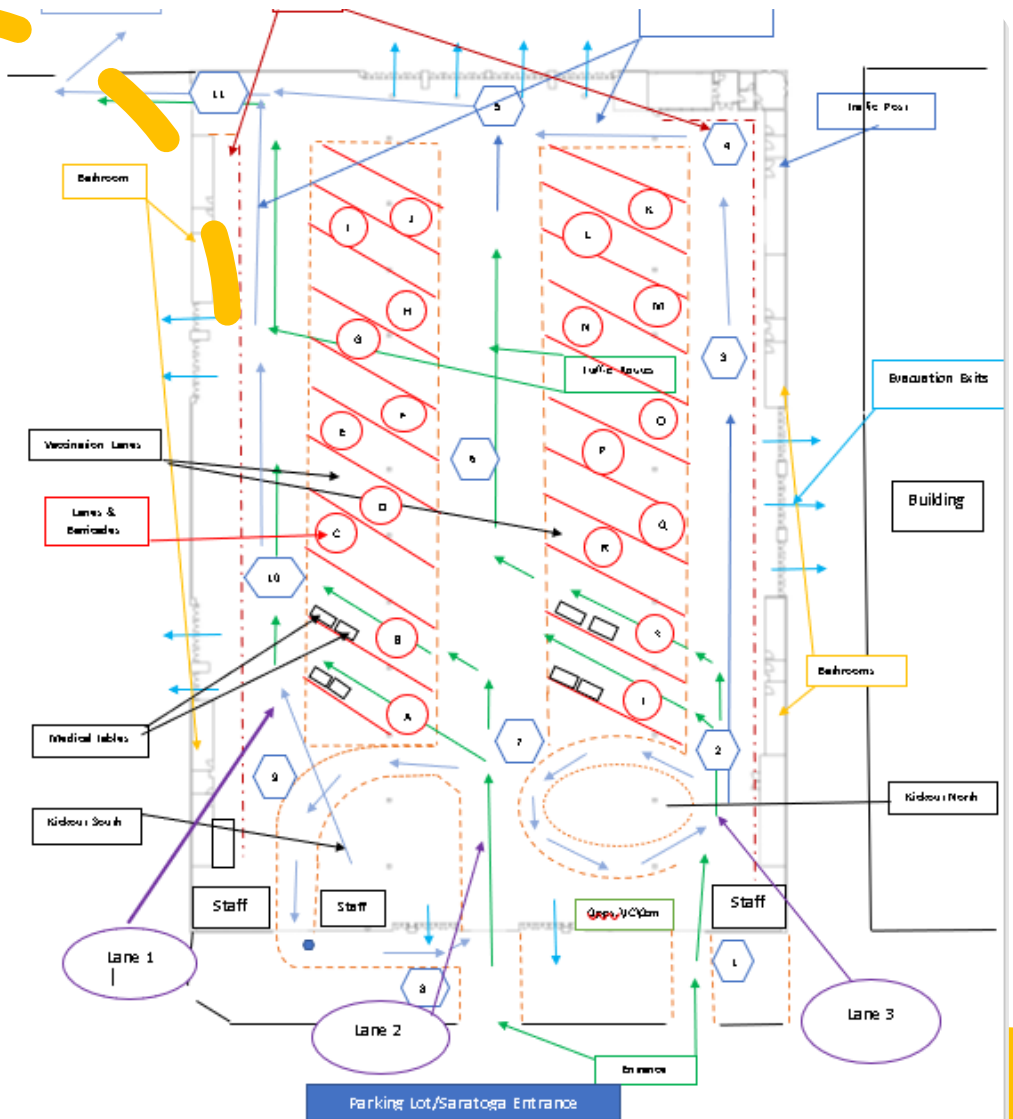
Commodities

- CalOES
- Water - depending on the amount 12-24 hours
- Fuel - San Mateo County Fuel Plan, State and Federal assists
- Food
- Medical Supplies
- Portable Shelters



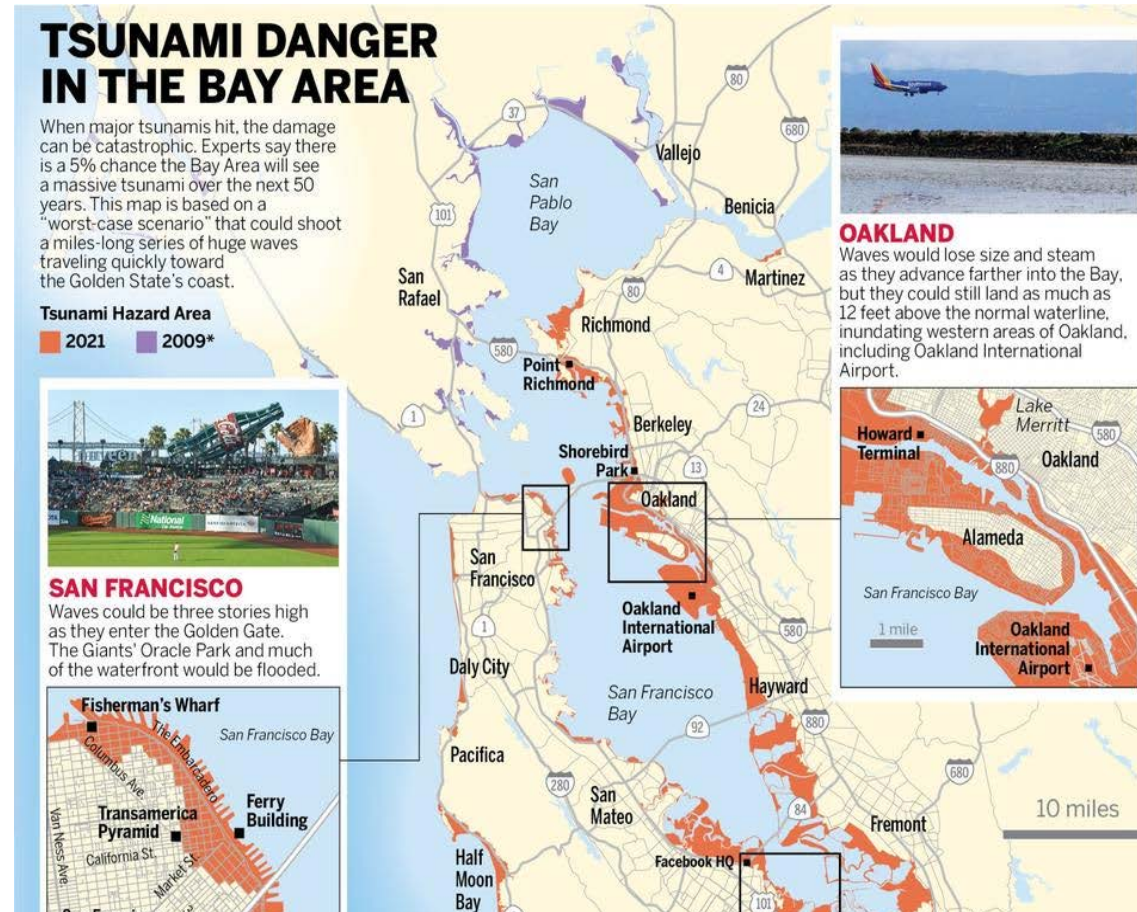
Internal Model Expo Center Vaccinations

- 20 stations
- 40 plus cars in line
- Managing traffic
- Security two armed officers
- Traffic control inside and out
- Total per day 149-178 people



San Mateo County Tsunami Zones

3,5,and 10 meters
3m=9.8 feet
5m=16 feet
10m=32 feet



Depending on the
Surge it could go
12 feet above the
normal water line

Questions Concerns?

