



# Preparing to be Prepared - Risks and Vulnerabilities

Shellie Lima, Director Emergency Operations  
San Joaquin County Office of Emergency Services

# Threats and Hazards

Table 1: Threats and Hazards Facing the County

Natural	Technological	Human-Caused
Animal Disease	Air Pollution	Armed Attack (Active Shooter)
Animal Pests	Dam Failure	Arson (Religious/Terrorist/ Political Statement)
Climate Change	Energy Outage	Civil Disturbances
Earthquake	Energy Shortage	Cybersecurity Event
Expansive Soil	General Fire Threat	Cyber Terrorism directed to Critical infrastructure
Flood	Ground Contamination	Destruction of energy property
Land Subsidence	Hazardous Material Release	IED/VBIED Directed to Critical Infrastructure
Landslide	Levy Failure	IED/VBIED Mass Gathering
Pandemic/Epidemic	Noise Pollution	Weapons of Mass Destruction (WMD/CBRNE)
Plant Pathogens	Peat Fire	
Plant Pests	Road/Bridge Failure	
Public Health Emergency	Train Derailment	
Soil Erosions	Water Pollution	
Storms/Excessive Rain	Wildland Fire	
Weather Dense Fog		
Weather Drought		
Weather Extreme Cold (freeze)		
Weather Extreme Heat		
Weather, High Winds/Tornados		



# Hazard evaluation

Key factors:

- The likelihood of a threat or hazard affecting the community; and
- The challenge presented by the impacts of that threat or hazard, should it occur.
  - Time of day/seasonal impacts
  - Location
  - Social or physical vulnerabilities – populations with limited or no ability to evacuate.

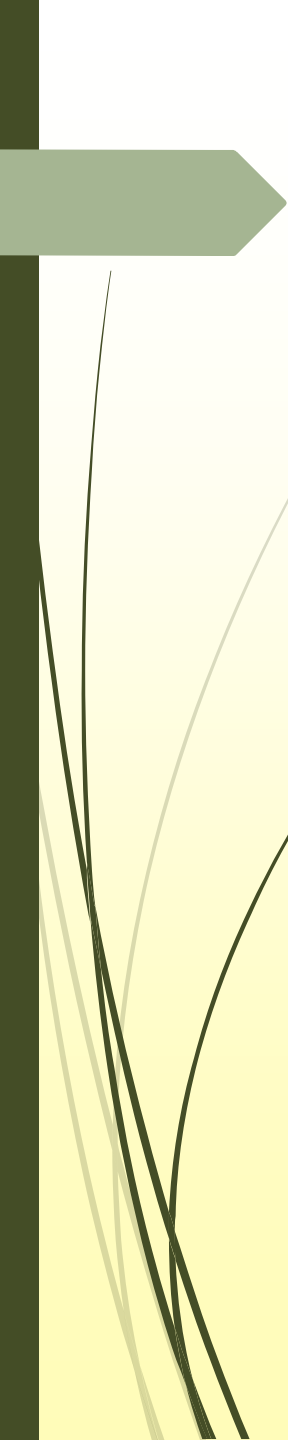
For Example:

An industrial accident at a chemical plant located in one particular community could affect people in another community who are downwind or downriver from the accident.



# Local Hazard Mitigation Planning

- Efforts of hazard and risk assessments lead to detailed objective-based plans
- Help to guide grant deliverables
- Help to identify and close gaps over time
- Exercises and training (POETE: planning, organization, equipment, training, and exercises. )



The more citizens  
that are prepared  
for a disaster,  
the fewer first  
responders will  
need to help.

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# How can you plan for your family

- Get informed
- Make a plan (Consider different hazards)
  - How will you communicate with loved ones in other parts of the country to let them know you are OK? How will they communicate with you?
  - Evacuation routes
  - Shelter-in-place procedures
- Assemble a Disaster and “go” kit
- Get involved



# Get Informed: Understand the hazards (San Joaquin County)

- Flood
- Disease  
Outbreak
- Hazardous  
Material Spill
- Heatwave
- Utility Outage
- Winter Storm /  
Ice
- Tornado
- Earthquake
- Fire
- Terrorism



# Potential Impacts

- Loss or damage to home
- Loss of revenue
- Not able to work / attend school
- No power means no ATMs, shopping, & gas stations out of service
- And many more...



# Make a Plan

Write your family's name above

## Family Emergency Communication Plan

FEMA P-1095/July 2017

### HOUSEHOLD INFORMATION

Home #: \_\_\_\_\_  
Address: \_\_\_\_\_  
Name: \_\_\_\_\_  
Mobile #: \_\_\_\_\_

### IN CASE OF EMERGENCY (ICE) CONTACT

Name: \_\_\_\_\_  
Home #: \_\_\_\_\_  
Address: \_\_\_\_\_  
Mobile #: \_\_\_\_\_  
Email: \_\_\_\_\_

### OUT-OF-TOWN CONTACT

Name: \_\_\_\_\_  
Home #: \_\_\_\_\_  
Address: \_\_\_\_\_  
Mobile #: \_\_\_\_\_  
Email: \_\_\_\_\_

### EMERGENCY MEETING PLACES

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### IMPORTANT NUMBERS OR INFORMATION

Police:	_____	Dial 911 or #:	_____
Fire:	_____	Dial 911 or #:	_____
Poison Control:	_____	#:	_____
Doctor:	_____	#:	_____
Doctor:	_____	#:	_____
Pediatrician:	_____	#:	_____
Dentist:	_____	#:	_____
Medical Insurance:	_____	#:	_____
Policy #:	_____	#:	_____
Medical Insurance:	_____	#:	_____
Policy #:	_____	#:	_____
Hospital/Clinic:	_____	#:	_____
Pharmacy:	_____	#:	_____
Homeowner/Rental Insurance:	_____	#:	_____
Policy #:	_____	#:	_____
Flood Insurance:	_____	#:	_____
Policy #:	_____	#:	_____
Veterinarian:	_____	#:	_____
Kennel:	_____	#:	_____
Electric Company:	_____	#:	_____
Gas Company:	_____	#:	_____
Water Company:	_____	#:	_____
Alternate/Accessible Transport:	_____	#:	_____
Other:	_____	#:	_____
Other:	_____	#:	_____



# Make a Plan

## Creating a plan

- Plan to survive on your own for at least 72 hours
- Know your evacuation routes
- Create a personal support network
- Plan for services to be unavailable
- Identify your “family contact”
- Inventory home possessions
- Copy important documents

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# More Planning...

- Have written instructions on how to care for service animal
- Prepare a disaster and “go” kit for the service animal and include all forms of identification
- Keep any assistive devices readily available
- Create a list of pre-printed statements and explanations describing your condition, needs and how you prefer to communicate
- Consider other special needs...mental health, cognitive, age, language, etc.



# Disaster Kits and Go Kits

What's the difference?  
Stationary vs. Portable

# Disaster Kit

## Must be easily accessible

- ▶ Water (for everyone in the household for at least 72 hours)
- ▶ Non-perishable food (for everyone in household for at least 72 hours)
- ▶ Games and books for children
- ▶ Copies of personal documents
- ▶ Battery-operated or hand crank radio
- ▶ Flashlights and flameless candles
- ▶ Extra batteries
- ▶ Over the counter medicine
- ▶ First aid kit
- ▶ Change of clothes for members of the family
- ▶ Blankets
- ▶ Emergency whistle
- ▶ Hand sanitizer and personal hygiene items
- ▶ Plastic sheeting and duct tape for sheltering in place
- ▶ Cash



# Go Kit

**Must be portable to take to an evacuation center or shelter**

- Water
- Non-perishable snack items
- Games and books for children
- Pen/pencil and paper
- Copies of important personal documents
- Personal hygiene items
- First aid kit
- Cash
- Over the counter medications and personal prescriptions
- Battery operated flashlight and radio
- Extra batteries
- Clean change of clothes for family members
- Bedding (sleeping bag, pillow, blanket)
- Other reasonable items to make you feel comfortable in a shelter

# Kit supplies

- Better to have, and not need, than to need, and not have.



# Landline

- ▶ Does your home telephone require electricity?
  - ▶ If you have a “corded” phone, then yes, your landline telephone will work during a power outage.
  - ▶ If you have a “cordless” phone, then it will not work, because a cordless phone requires electricity to transfer the signal from the base to the handset.





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# Maintaining your plan and kit

- Practice
- Keep information updated on a regular basis
- Change items in your kits every 6 months
- Let your outside contact know where you keep your kit and what your plan is in the event of a disaster
- Include your neighbors in your plan

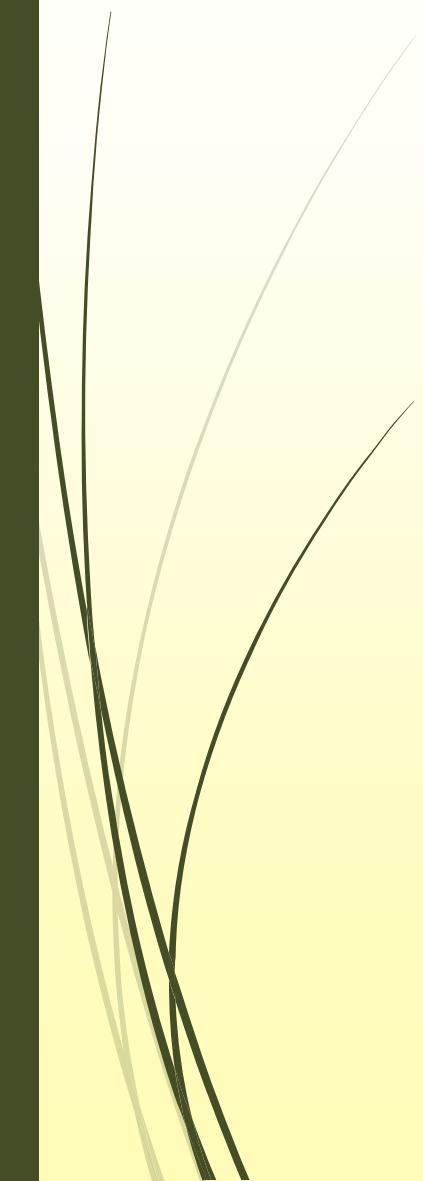
# Social Media - Information

- Integrated Public Alert and Warning System
  - Wireless Emergency Alert System (WEA)
  - Emergency Alert System (EAS)
  - National Weather Service Alert System
- San Joaquin County OES
  - Social Media – Facebook, Twitter, Nextdoor, Instagram
  - Radio Emergency Alert System Activation (EAS)
    - AM 1420 (Stockton)
    - AM 1530 (Sacramento)
    - AM 740 (Bay Area)
    - FM: 92.9 (Modesto)





# Get Involved

- Neighborhood Watch
  - Community Emergency Response Team (CERT) Program
  - Others?
- 

## For More Information



- [www.SJReady.org](http://www.SJReady.org)
- [www.redcross.org](http://www.redcross.org)
- [www.ready.gov](http://www.ready.gov)
- [www.211sj.org](http://www.211sj.org)
- [www.fema.gov](http://www.fema.gov)
- [www.oes.ca.gov](http://www.oes.ca.gov)
- [www.prepare.org](http://www.prepare.org)
- [www.cdc.gov](http://www.cdc.gov)



# Thank you

San Joaquin County Office of  
Emergency Services

[www.SJReady.org](http://www.SJReady.org)

209-953-6200