

Natural Disasters

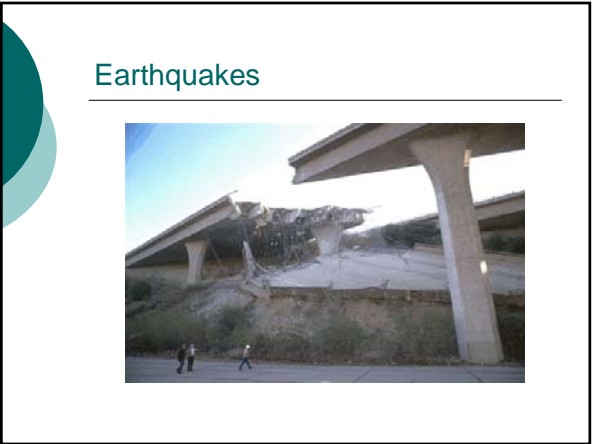
California Style



- ## Natural Disasters California Style
- Geologic
 - Floods
 - Landslides
 - Earthquakes
 - Tsunamis
 - Volcanoes
 - Fires
 - Disease Vectors
 - Weather

California Proclaimed States of Emergency 1950 -1997

○ Floods	483
○ Earthquake	35
○ Agricultural Emergency	38
○ Wildland Fires	112
○ Drought	90
○ Fire, Urban/Intermix	6
○ Medical Disaster	5
○ Weather/Storm	223
○ Civil Disturbance	6
○ Transport Disaster	4
○ Landslide	22
○ Energy Shortage	33
○ Epidemic	7
○ Hazardous Material	1
○ Dam Failure	1
○ TOTALS	1064



Earthquakes



Fires



Fires



Fires



Wildland Fires – California

YEAR	NUMBER OF FIRES	ACRES BURNED	DOLLAR DAMAGE
2000	5,177	72,718	29,876,853
2001	6,223	90,985	87,295,001
2002	5,759	122,809	173,976,860
2003	5,961	404,328	974,186,857
2004	5,574	168,134	126,790,417
5-yr-avg. (2000-04)	5,739	169,795	8278,425,198

Floods



Floods



Floods



Weather Related



Hazardous Materials

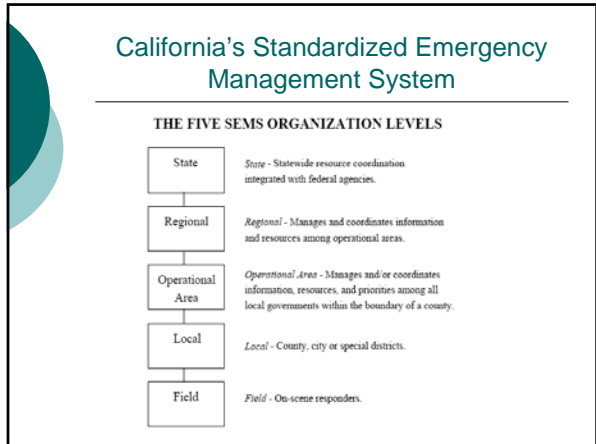


Volcanoes



Tsunamis

- Since 1812, the California coast has had 14 tsunamis with wave heights higher than three feet; six of these were destructive.
- 12 people died in Crescent City in 1964 after an Alaskan earthquake.



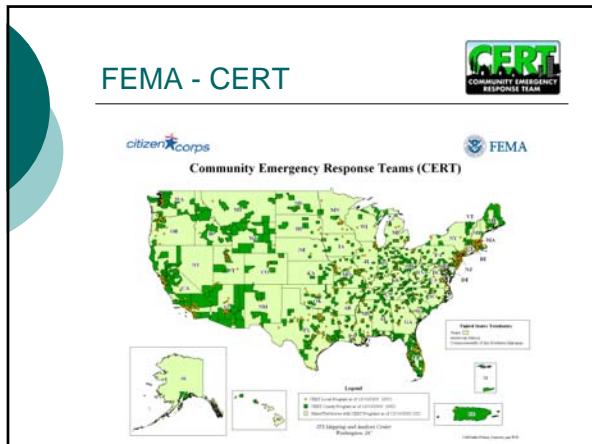
- ## Emergency Response
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- ICS – Incident Command System
 - It works
 - Multi-agency
 - Acceptance and communications are the keys

- ## Office of Emergency Services
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- Primary disaster response agency in California.
 - Responsible for
 - Planning
 - Preparedness
 - Response
 - Mitigations
 - Works with FEMA

- ## Office of Emergency Services
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- **10 ways YOU can be Disaster Prepared**
 1. [Identify Your Risk](#)
 2. [Create a Family Disaster Plan](#)
 3. [Practice Your Disaster Plan](#)
 4. [Build a Disaster Supply Kit For Your Home and Car](#)
 5. [Prepare Your Children](#)
 6. [Don't Forget Those With Special Needs](#)
 7. [Learn CPR and First Aid](#)
 8. [Eliminate Hazards in Your Home and The Workplace](#)
 9. [Understand Post 9/11 Risks](#)
 10. [Get Involved, Volunteer, Bear Responsibility](#)

- ## Organizations
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- PrepareNow.org
 - To ensure that the needs and concerns of vulnerable people are addressed in emergency preparedness and response
 - A disabled person whose needs cannot be met in a shelter
 - A non-English-speaker who does not understand the order to evacuate
 - A frail elder who cannot lift or carry a disaster supply kit
 - A recent immigrant who is reluctant to ask for help

- ## CARD
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- www.firstvictims.org
 - To provide disaster preparedness/ response support to Alameda County Community Based Organizations (CBOs).
 - For “first victims” - seniors, children, disabled, homeless, non-English speakers, or low-income people.



- ## We are just getting started:
- Natural Disasters will increase over the upcoming years, due to:
 - Population increases
 - Global climatic changes
 - Resource depletion
 - Resistance to diseases

- ## How can CBOs Help?
- Meet with emergency response organizations in your community.
 - Become part of your community's emergency response plan.
 - If they don't have one, be the leader and get it developed.
 - Develop client contact trees for special needs clients (seniors, handicapped, non-English speakers, etc.)
 - Add the technical expertise of your organization to local emergency response capabilities. (For example: in case of an earthquake your Wx crews can be turning off gas lines to people's homes.)

- ## Questions
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