



# ABOUT FEMA

DARK  
YOGURT  
&  
HOT DOGS  
SMOOTHIE



# OUR MISSION

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Helping people before, during and after disasters







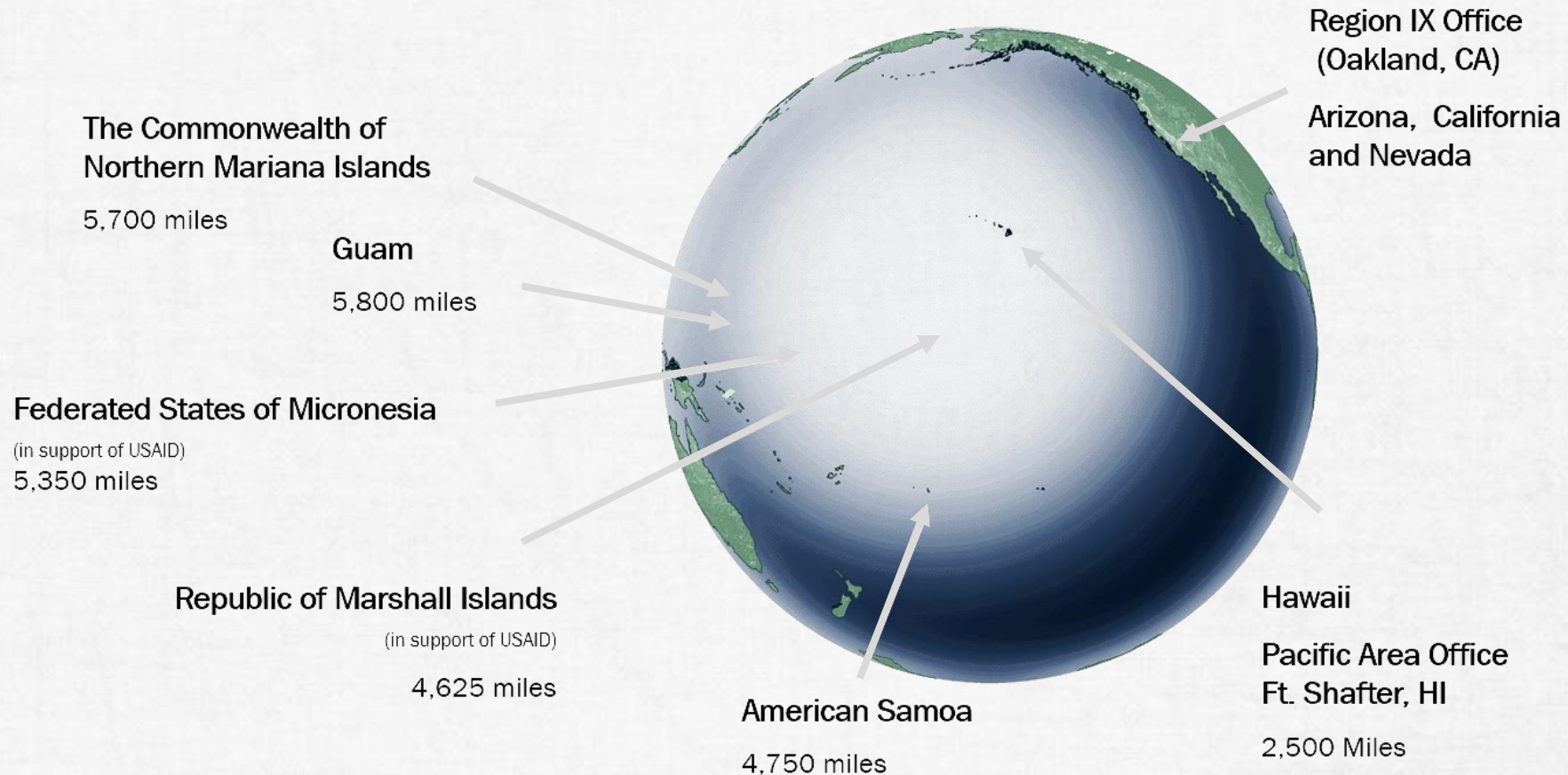
**ABOUT  
REGION IX**



# REGION IX TERRITORY

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- A culturally diverse population in excess of 47 million people
- Spans eight time zones covering 399,000 square miles
- Four states, three territories, two associated states, and 150+ federally recognized tribes



# REGIONAL RISKS

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Earthquakes /  
Tsunamis

American Samoa  
California  
CNMI  
Guam  
Hawaii  
Nevada



Wildfires

Arizona  
California  
CNMI  
Guam  
Hawaii  
Nevada



Hurricanes /  
Typhoons

American Samoa  
California  
CNMI  
Guam  
Hawaii



Floods  
Landslides/  
Mudslides

American Samoa  
Arizona  
California  
CNMI  
Guam  
Hawaii  
Nevada



Volcanoes

Arizona  
California  
Hawaii  
Nevada  
CNMI



Man-Made  
Disasters

American Samoa  
Arizona  
California  
CNMI  
Guam  
Hawaii  
Nevada

# DECLARED DISASTERS

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## California

Declaration	Event	IA/PA	Date Declared
DR-4382	Wildfires <i>July 23, 2018 – Sept 19, 2018</i>	IA (2 Counties) PA (2 Counties)	Aug 4, 2018
DR-4407	Wildfires <i>November 8, 2018 – November 25, 2018</i>	IA/PA (3 Counties)	Nov 12, 2018
DR-4431	Severe Winter Storms, Flooding, Landslides, and Mudslides <i>February 13, 2019 – February 15, 2019</i>	PA (11 Counties)	May 1, 2019
DR-4434	Severe Winter Storms, Flooding, Landslides, and Mudslides <i>February 24, 2019 – March 1, 2019</i>	PA (17 Counties)	May 18, 2019
EM-3415	Ridgecrest Earthquake <i>February 24, 2019 – March 1, 2019</i>	Cat B DFA (2 Counties)	July 8, 2019

## CNMI

Declaration	Event	IA/PA	Date Declared
EM-3402	Typhoon Mangkhut <i>September 10, 2018 – September 11, 2018</i>	PA (Cat B)/ DFA Only	Sep 10, 2018
DR-4396	Typhoon Mangkhut <i>September 10, 2018 – September 11, 2018</i>	IA/PA	Sep 29, 2018
DR-4404	Typhoon Yutu <i>October 24, 2018 – October 26, 2018</i>	IA/PA	Oct 26, 2018



# DECLARED **DISASTERS** (cont.)

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## Guam

Declaration	Event	IA/PA	Date Declared
DR-4398	Typhoon Mangkhut <i>September 10, 2018 – September 11, 2018</i>	PA	Oct 1, 2018
DR-4433	Typhoon Wutip <i>February 23, 2019 - February 25, 2019</i>	PA	May 7, 2019

## Hawaii

Declaration	Event	IA/PA	Date Declared
EM-3404	Tropical Storm Olivia <i>September 9, 2018 – September 13, 2018</i>	PA/DFA (4 Counties)	Sep 12, 2018
DR-4395	Hurricane Lane <i>August 22, 2018 – August 29, 2018</i>	IA/PA	Sept 27, 2018

# DECLARED **DISASTERS** (cont.)

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## Tribal

Tribe	Declaration	Event	IA/PA	Date Declared
Havasupai Tribe	DR-4389	Severe Storms, Flooding, and Landslides <i>July 11, 2018 – July 12, 2018</i>	PA	Aug 31, 2018
Tohono O'odham Nation	DR-4409	Severe Storms and Flooding <i>October 1, 2018 – October 3, 2018</i>	PA	Nov 30, 2018
La Jolla Band of Luiseño Indians	DR-4422	Severe Storms, Flooding, Landslides, and Mudslides <i>February 14, 2019 – February 15, 2019</i>	PA	Mar 26, 2019
Cahuilla Band of Indians	DR-4423	Severe Storms and Flooding <i>February 14, 2019</i>	PA	Mar 28, 2019
Soboba Band of Luiseño	DR-4425	Severe Storms and Flooding <i>February 14, 2019 – February 15, 2019</i>	PA	Apr 8, 2019
Navajo Nation	DR-4436	Winter Storms <i>February 21, 2019 – February 24, 2019</i>	PA	May 21, 2019



# DISASTER CYCLE

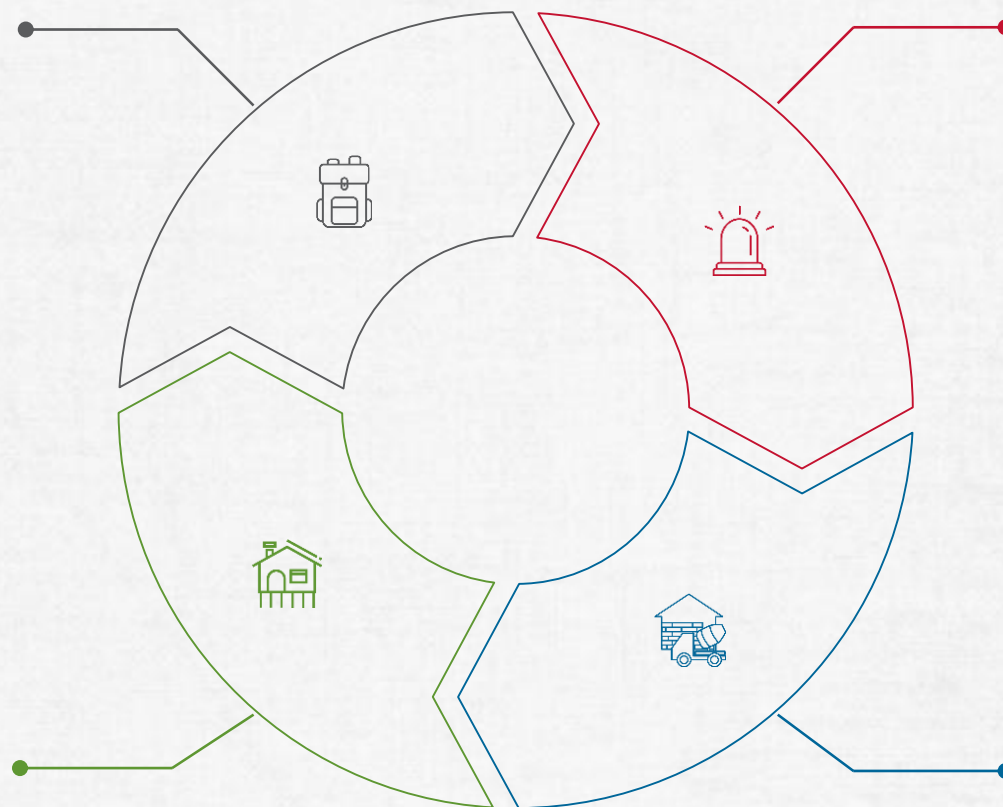
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## Preparedness

Ready.gov  
FEMA Mobile App  
CERT Training

## Mitigation

Action taken to reduce or eliminate long term risk to people and property from natural disasters



## Response

Plan, manage, coordinate, support, and lead federal disaster operations

## Recovery

Return individuals and communities to normal function with minimal suffering and disruption of services

# DISASTER **RESPONSE**

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Plan, manage, coordinate, support, and lead  
the federal disaster operations





# REGIONAL CAT PLANS

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\*Plan to be updated FY2020



## AMERICAN SAMOA

- All Hazards Plan\*

## ARIZONA, CALIFORNIA, NEVADA

- SoCal Earthquake Plan\*
- Bay Area Earthquake Plan\*
- Cascadia Subduction Zone Earthquake Plan
- All Hazards Plan\*
- Sacramento Valley Levee Response Plan
- Los Angeles Medical Countermeasures Plan
- Bay Area Medical Countermeasures Plan
- Improvised Nuclear Device Operations Plan
- Medical Countermeasures Plan
- Pandemic Influenza Plan (with Region X)



## GUAM

- Catastrophic Typhoon Plan
- All Hazards Plan\*
- Medical Countermeasures Plan
- Pandemic Influenza Plan (with Region X)



## CNMI

- Catastrophic Typhoon Plan
- All Hazards Plan\*
- Medical Countermeasures Plan
- Pandemic Influenza Plan (with Region X)

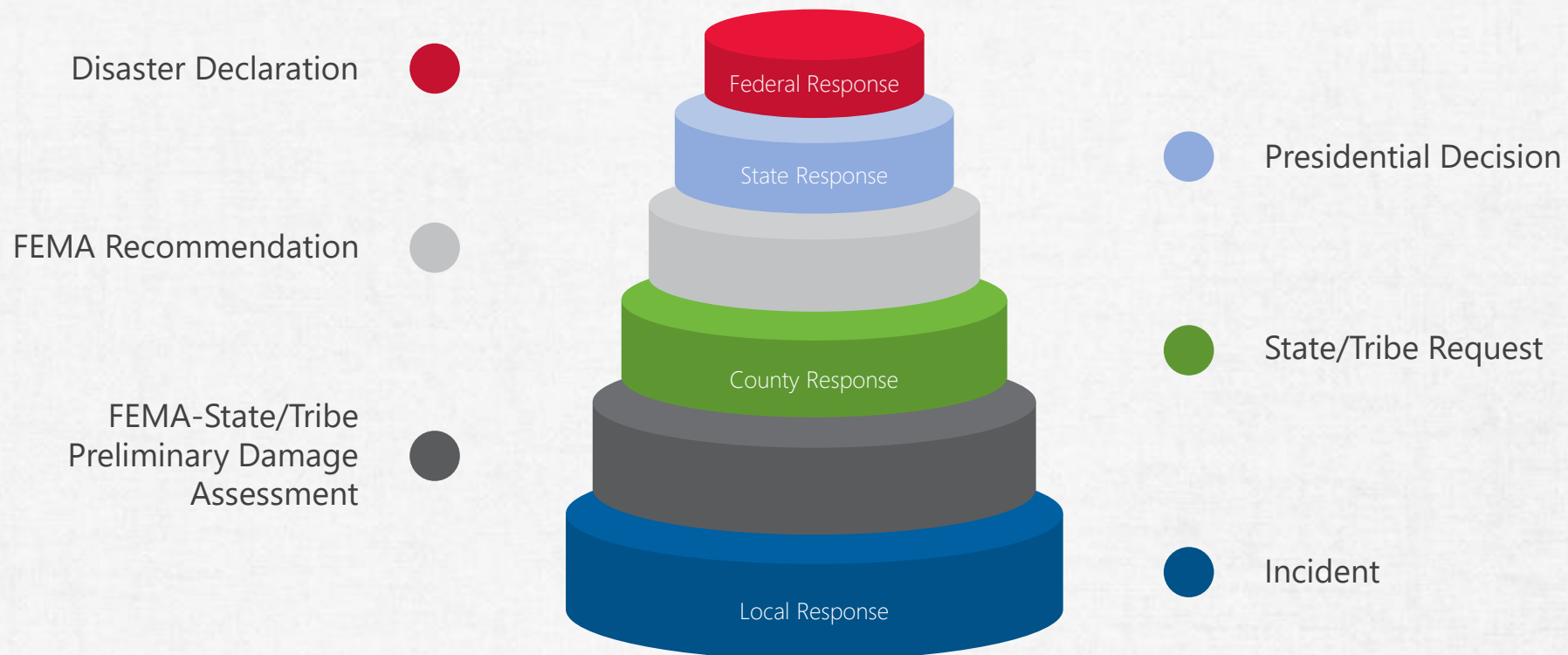


## HAWAII

- Catastrophic Hurricane Plan\*
- All Hazards Plan\*
- Medical Countermeasures Plan
- Pandemic Influenza Plan (with Region X)

# DISASTER DECLARATION PROCESS

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# STAFFORD ACT

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Robert T. Stafford Disaster Relief and Emergency Assistance Act,  
Public Law 93-288, as amended,  
42 U.S.C. 5121 et seq., and Related Authorities

*United States Code, Title 42. The Public Health and Welfare, Chapter 68. Disaster Relief*

NOTE: Non-Stafford Act sections appear in U.S. Code sequence for convenience.

State Response

(4) MISSION ASSIGNMENT—The term “mission assignment” means a work order issued to a Federal agency by the Agency, directing completion by that agency of a specified task and setting forth funding, other managerial controls, and guidance.

# INCIDENT OBJECTIVES

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1. Respond to requests for infrastructure assessments, to include water, power and communications systems, and provide technical assistance on emergency repairs. (Stabilizes Energy, Food, Water, Shelter, Communications, Transportation, and Safety and Security Lifelines)
2. Identify damaged critical public facilities and determine requirements for temporary facility construction. (Stabilizes Safety and Security Lifeline)
3. Coordinate damage assessment information gathering for FEMA Recovery Assistance Programs. (Stabilizes Safety and Security Lifeline)
4. Conduct surveys, refine modeling, and conduct remote sensing to assess disaster impacts and identify isolated communities. (Stabilizes All Lifelines)



# COMMUNITY LIFELINES

## Definition

A lifeline enables the continuous operation of **government functions** and **critical business** and is essential to **human health** and **safety** or **economic security**.

## Purpose

Root Cause Analysis

Interdependencies

Prioritization

Ease of Communication

## Assessing

Status → What?

Impact → So What?

Actions → Now What?

Limiting Factors → What's the Gap?

COMPONENTS of Lifelines



# LARGEST DISASTERS

2017-2019

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## DR-4366-HI

2018 KILAUEA VOLCANIC ERUPTION AND EARTHQUAKES

- Ranks as one of the world's most active volcanos
- Three-month incident period
- 21 square miles of lava erupted, twice size of Key West, FL
- Estimated cost: \$66M



## DR-4404-CNMI

2018 SUPER TYPHOON YUTU

- Category 5, 207 mph sustained winds, with 250 mph gusts (Hurricane Maria in Puerto Rico was Cat 4)
- Ranked as the world's most powerful typhoon and strongest storm in 2018, with the highest recorded winds (180 mph) in the last 100 years
- Estimated cost: \$954M



# LARGEST DISASTERS

2017-2019

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## DR-4407-CA

### 2018 CALIFORNIA WILDFIRES

- 85 fatalities (more than previous three worst wildfires combined)
- Impacted 52,000 citizens
- At peak, burned the equivalent of one football field per second
- Estimated cost: \$510M
- Challenges: Housing, water system, debris

# CONTACT **US**

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