

FEMA Response

“Hurricanes, Wildfires, Floods, and Pandemics”
DHS CISA Chemical Security Seminar

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FEMA

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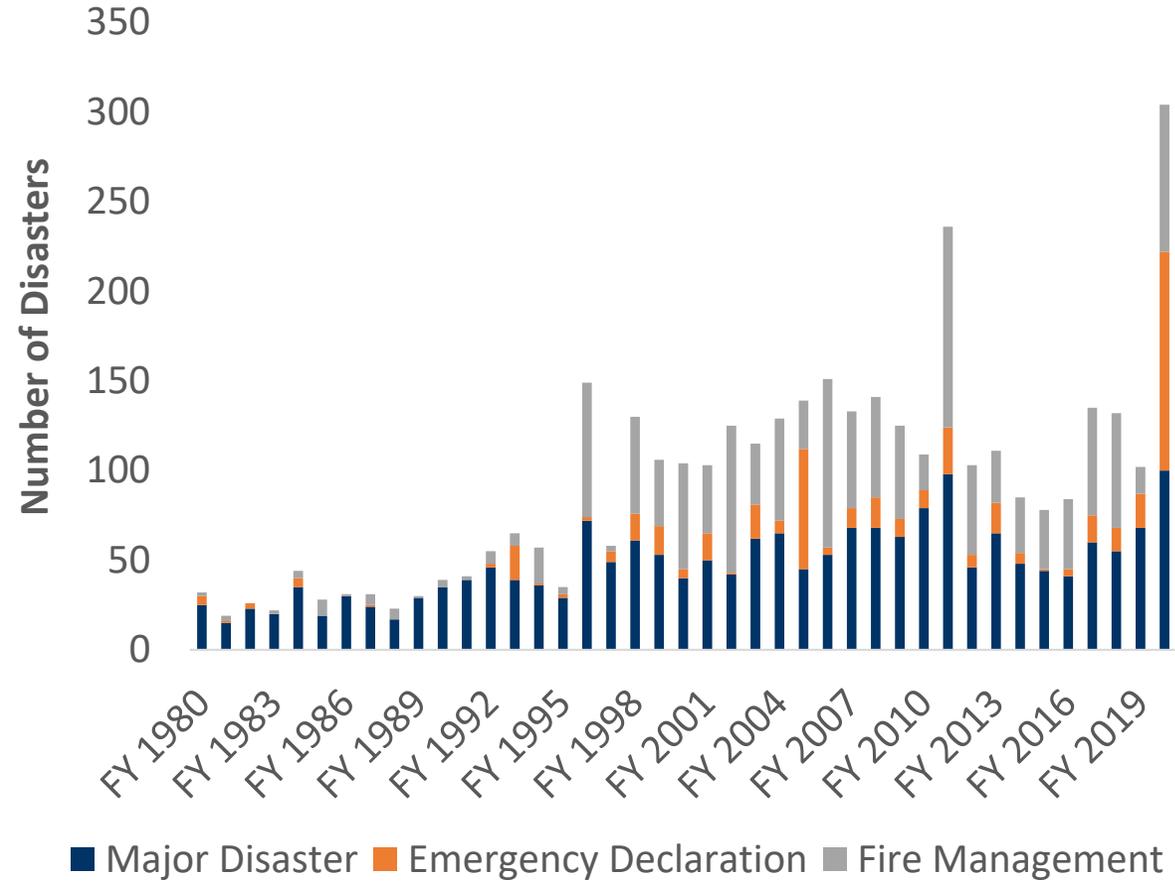
FEMA's Mission

Helping people before, during, and after disasters.



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2020 Disaster Records:



In November, FEMA has twice as many JFOs supporting 6X more open disasters vs. 2016



2020 is tied with 2011 & 2017 for billion-dollar natural disasters, not including COVID



More named storms in 2020 than any other year on record (29 and counting)



10+ Magnitude 5.0+ Caribbean earthquakes



First nationwide Major Disaster Declaration for COVID-19 (57 simultaneous declarations)

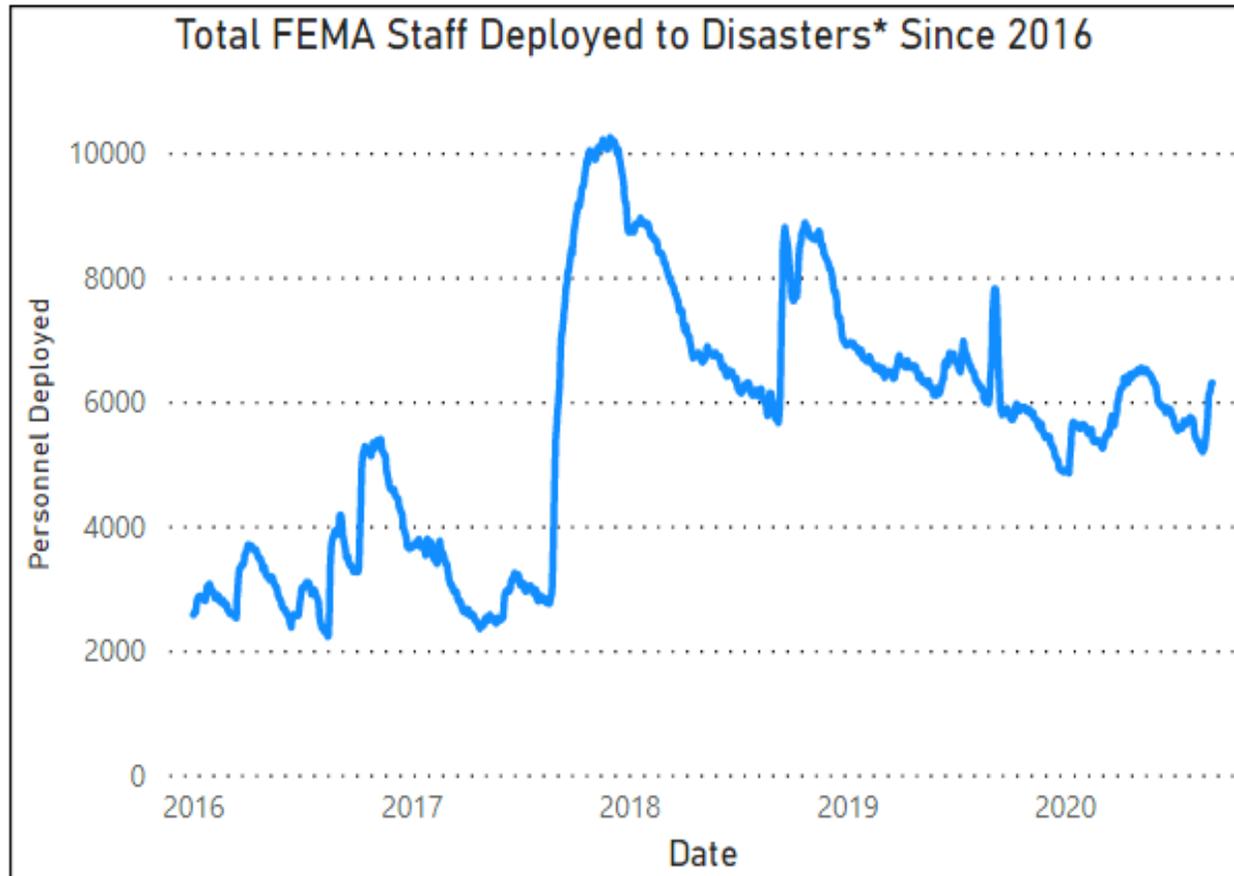


Five of the largest six wildfires in CA history



Most storm landfalls, beating 1916 record, including the first Greek letter U.S. landfall

A 'New Normal'



Source: FEMA Deployment Tracking System – September 2, 2020

- **Average FEMA staff deployed to disasters:**
 - Jan. 2016 → Aug. 2017: 3,290
 - Oct. 2017 → Sep 2020: 7,063 (2.1X)
- **Public Assistance Support:**
 - Most obligations in a single year
 - more than 2.5X the second highest year on record (2018)
- **Individual Assistance Support:**
 - IA declarations doubled in 2020 (11 vs. 5)
 - Delivered the full range of IA mass-care and housing missions in a pandemic environment.
- **PPE & Medical Equipment:**
 - Project Air Bridge: delivered 1.15B pieces of PPE, 87 SLTT requests daily: equal to 7+ trips to the moon
 - 18 contracts for 100% of national testing supplies.
- **Incident Support & Stabilization:**
 - NRCC activated for 250+ days, equal to the last four years combined
 - 4X more Mission Assignments than 2016 (\$5B vs. \$65M).



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Adapting to the COVID-19 Operating Environment

The COVID-19 Pandemic Operational Guidance for the 2020 Hurricane Season:

- COVID related challenges and planning considerations
- Outlines plans to adapt response and recovery operations:
 - Life safety & sustainment, and workforce protection
 - Whole-of-community disaster assistance to the highest level possible
- Allows SLTT emergency managers to prepare and plan accordingly;
- Creates shared understanding of expectations between FEMA and SLTTs
- Provides guidance, checklists, and resources to enable emergency managers to best adapt response and recovery plans



COVID-19 Pandemic Operational Guidance for the 2020 Hurricane Season

May 2020



<https://www.fema.gov/media-collection/covid-19-pandemic-operational-guidance-2020-hurricane-season>



Interagency Modeling & Atmospheric Assessment Center (IMAAC)

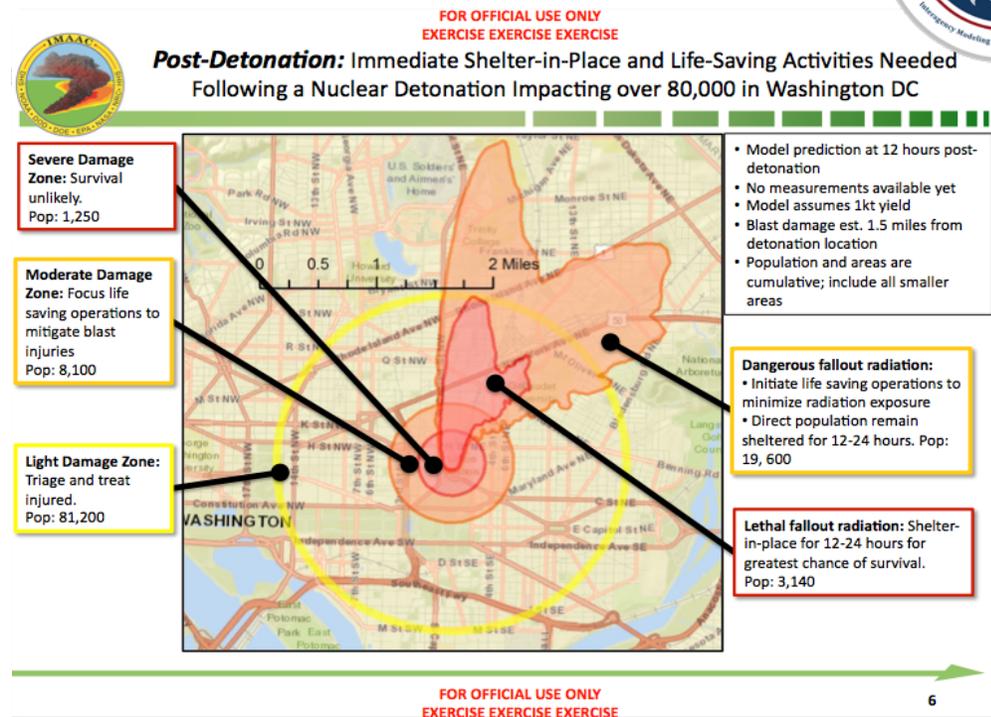
MISSION: Provide a single point for the coordination and dissemination of Federal dispersion modeling and hazard prediction products that represent the Federal position during actual or potential incidents involving hazardous atmospheric releases.

LOCATION: Virtual



Decision Products for Senior Leaders

- Tailored for senior leaders for strategic-level impact preserves more detailed modeling products for First Responders and field Emergency Management officials



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CBRNResponder Network: ChemResponder

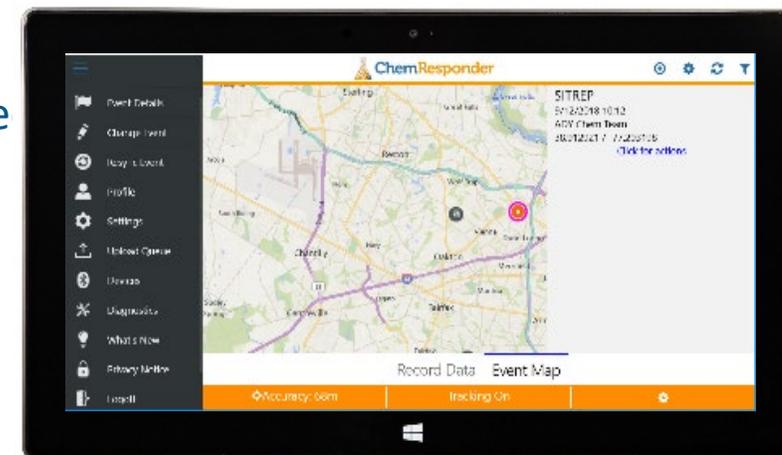
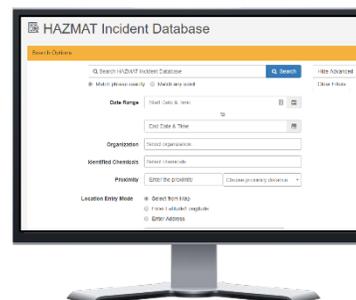
MISSION: A Free Solution for the collection, management, and sharing of CBRN incident information.

LOCATION: Every location



ChemResponder

- Powerful web-based and mobile platforms
 - Simple user interface to record, share and manage hazmat response information
 - Displayed in a geospatial environment.
- Empowers responders with data collection and sharing capabilities
- Integrates disparate systems,
- Provides means for trend analysis and investigations of lessons learned



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CBRN Operations Support Specialist (OSS)

MISSION: During hazardous preparedness or response operations, the CBRN OSS identifies and provides critical information to responders, key leaders, and decision-makers. The CBRN OSS is a state and local subject matter expert (SME) with the ability to bridge the gap between response and hazard specific knowledge in order to minimize the impact of a potential or actual incident involving the release of CBRN materials.

LOCATION: Every location

Established: Radiological Operations Support Specialist (ROSS)

Pilot Phase: Chemical Operations Support Specialist (COSS); Executed in 2020-2021

- Qualified chemical and Incident Command System expert
- Supports state and local responders, key leaders, and decision makers.

Concept Phase: Biological Operations Support Specialist (BOSS) 2022

Impact:

- A state and local subject matter expert
- Bridges response and chemical knowledge



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Conclusion

QUESTIONS?

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