

Disaster Resilience and Recovery – Port to Final Destination

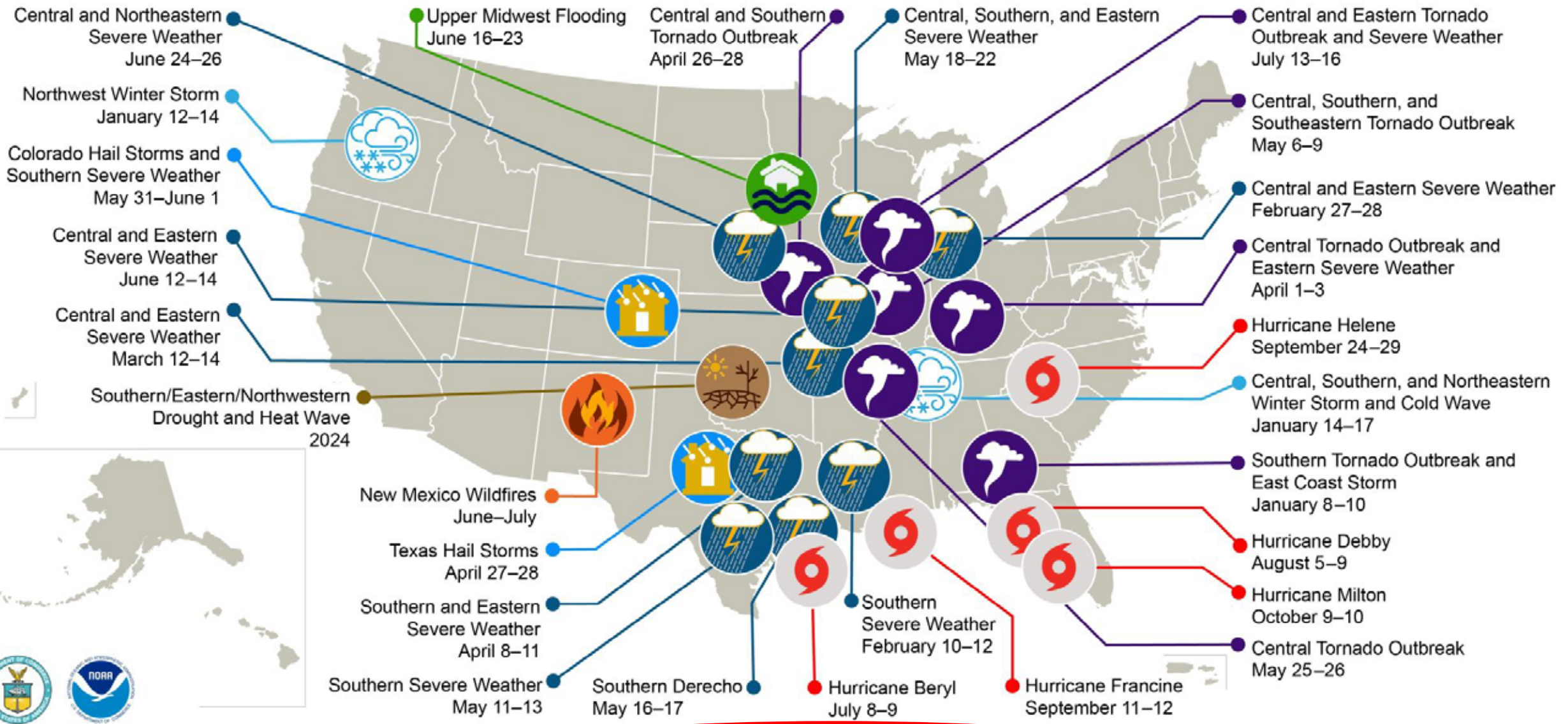
Michael Legler | Assn Pacific Ports Meeting | Jan 2025



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U.S. 2024 Billion-Dollar Weather and Climate Disasters

-  Drought/Heat Wave
-  Flooding
-  Hail
-  Severe Weather
-  Tornado Outbreak
-  Tropical Cyclone
-  Wildfire
-  Winter Storm/Cold Wave



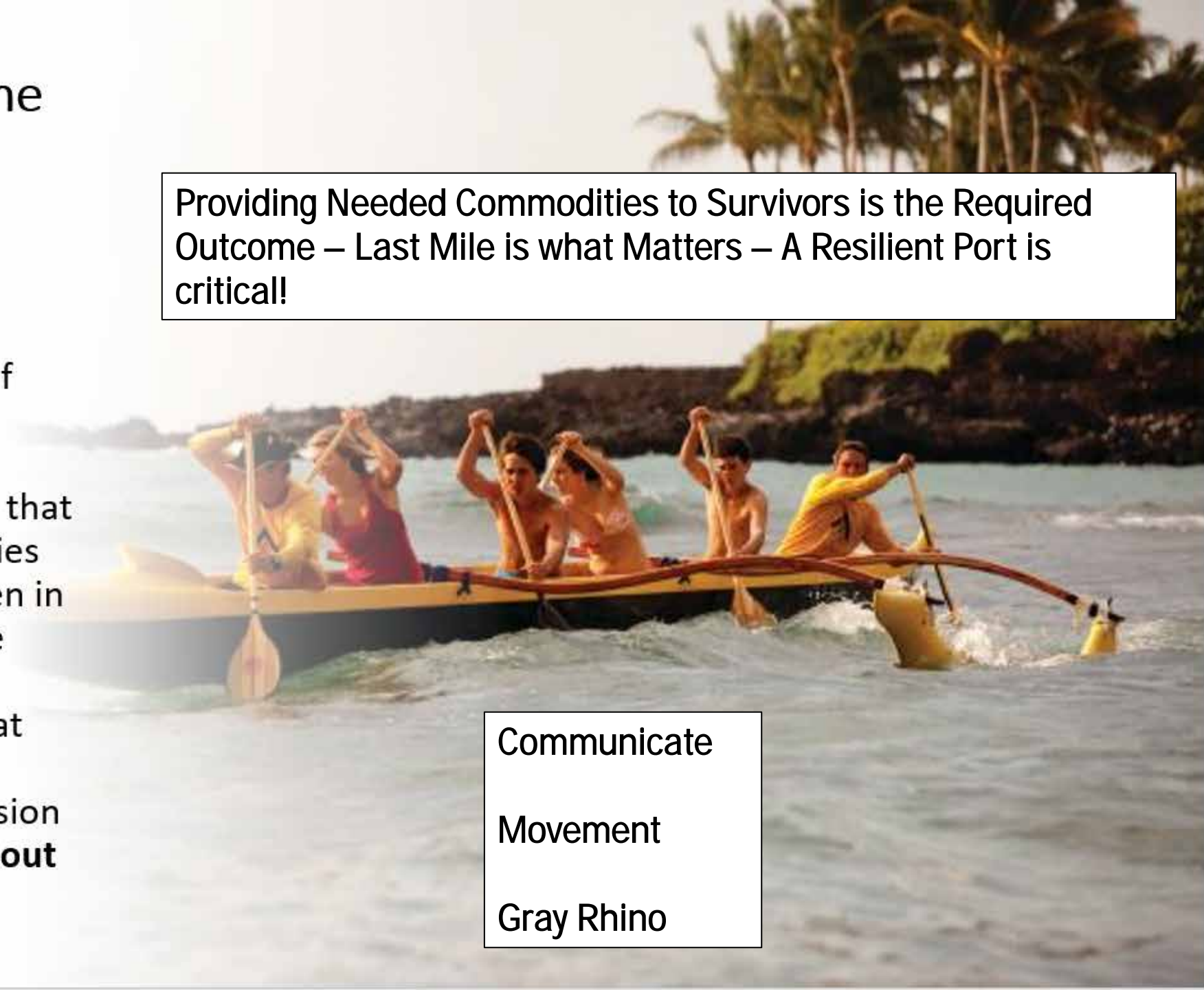
This map denotes the approximate location for each of the 27 separate billion-dollar weather and climate disasters that impacted the United States in 2024.



Everyone Rowing in the Same Direction – Teamwork and Communication

“The scope, scale, and pace of disasters since 2017, and our responses to those events, continue to reinforce the fact that the nation has great capabilities and capacities to respond even in the worst circumstances. The challenge is getting the right capability, to the right place, at the right time with the right enabling information for decision makers. In the end, **it’s all about transportation**”

Providing Needed Commodities to Survivors is the Required Outcome – Last Mile is what Matters – A Resilient Port is critical!



Communicate

Movement

Gray Rhino

Ten Regions

★ DC West Branch

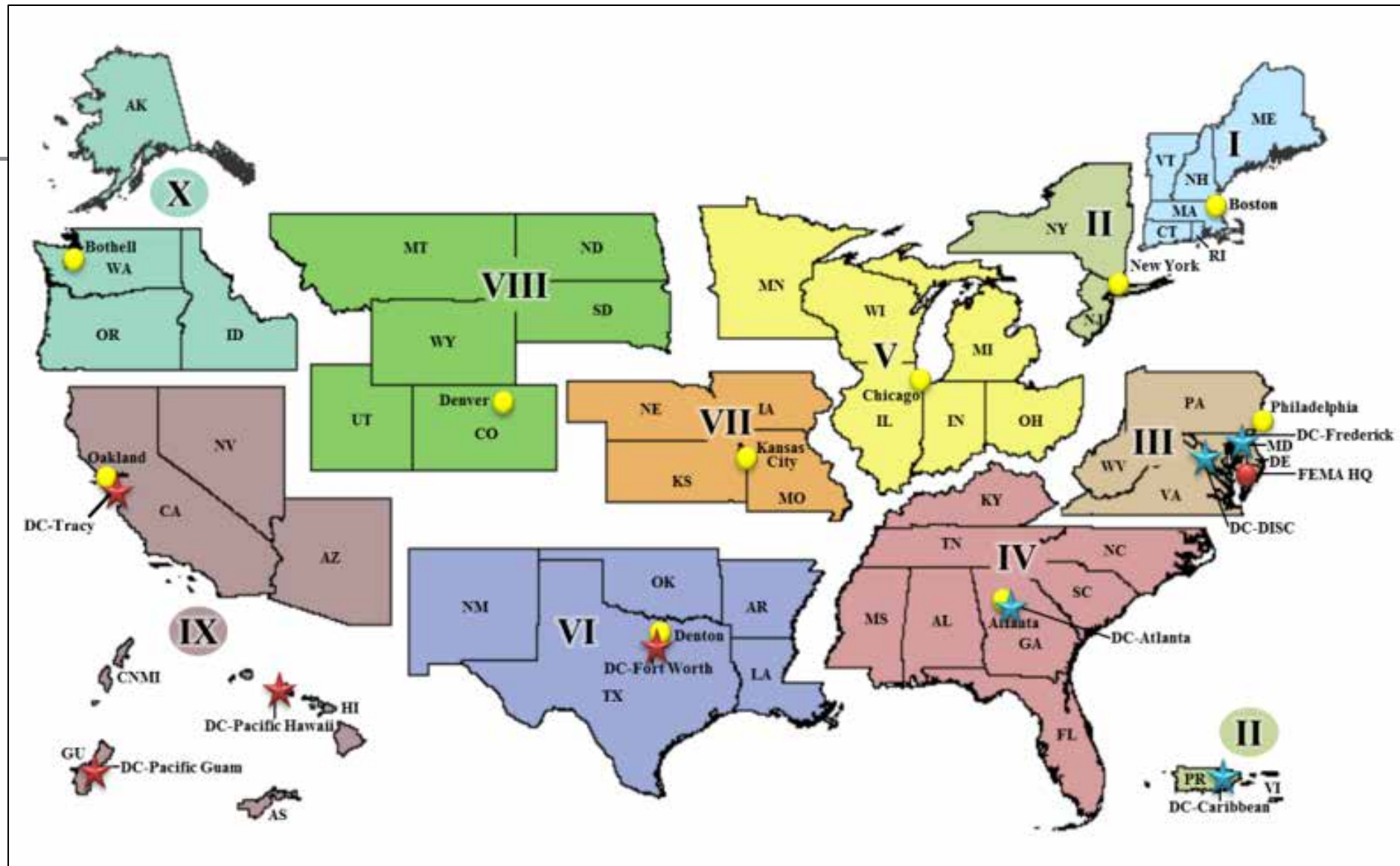
- DC Fort Worth - 320,000 sf
- DC Tracy - 210,373 sf
- DC Hawaii - 97,588 sf
- DC Guam - 45,960 sf

★ DC East Branch

- DC Atlanta - 406,989 sf
- DC Frederick - 229,000 sf
- DC Caribbean - 84,295 sf
- DC DISC - 22,000 sf

● FEMA Headquarters

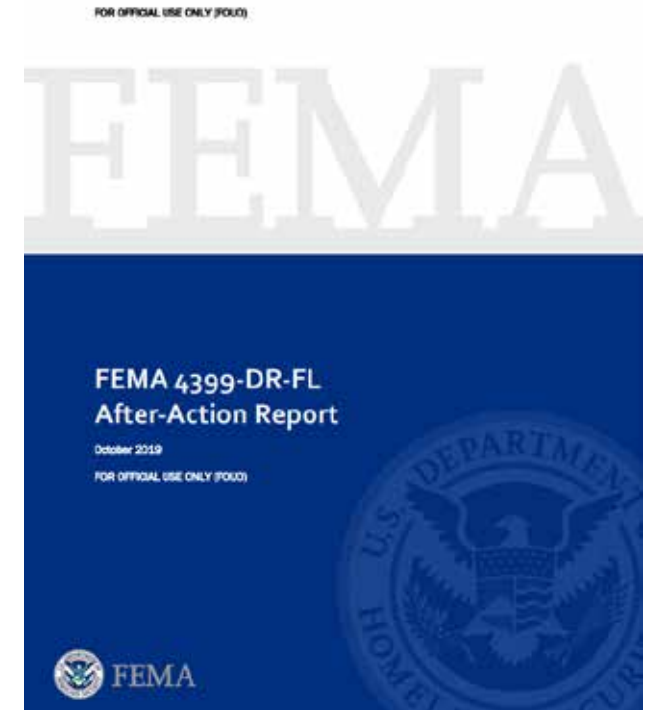
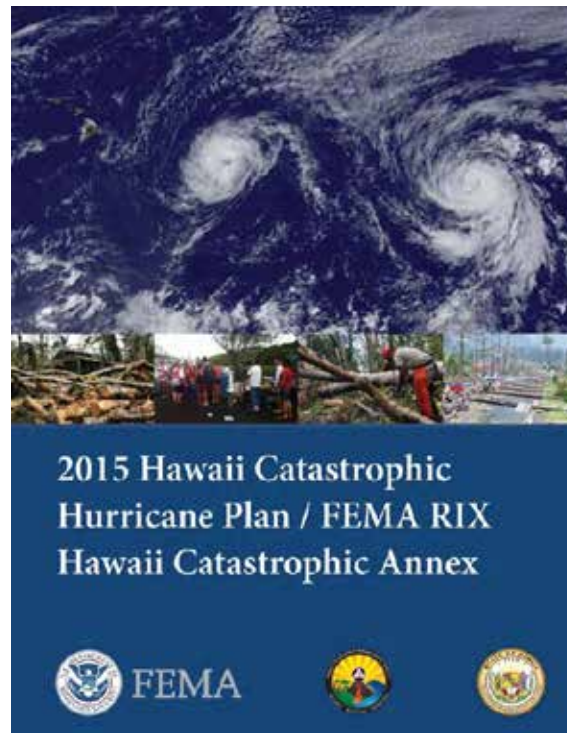
● FEMA Region Headquarters



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Resiliency

- § You know your Port Better than anyone – you already have plans
- § After Action Review AARs from previous disasters and talking to other Port Managers
- § CAT Plans
- § Cybersecurity



Who and How Do You Communicate During Emergencies

§ Communications PACE (Primary, Alternate, Contingency and Emergency)

§ E is your Feet / Where do you go; How do you get in?

Over Communicate and ensure all levels understand intent

What are key locations at your Port and how can you channel people there (non-regular customers)

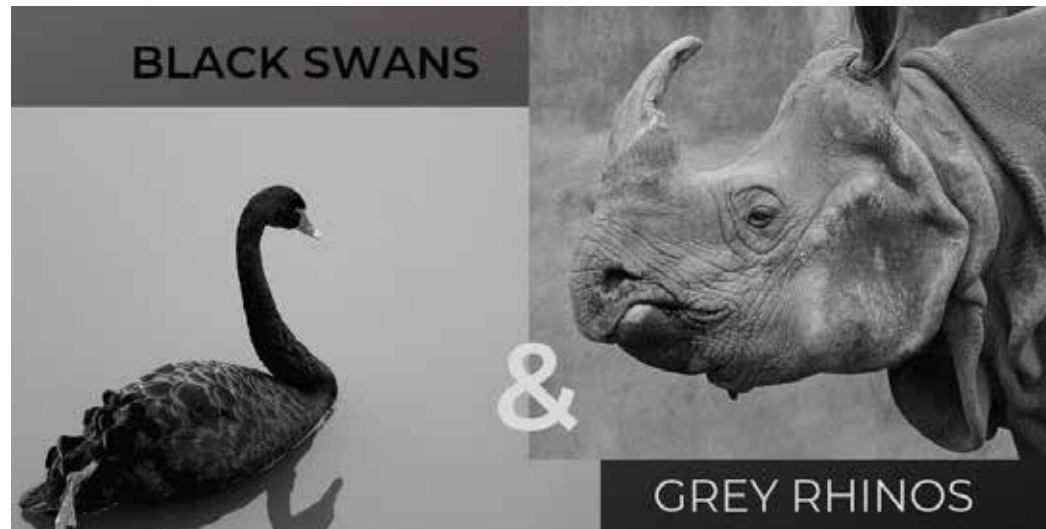


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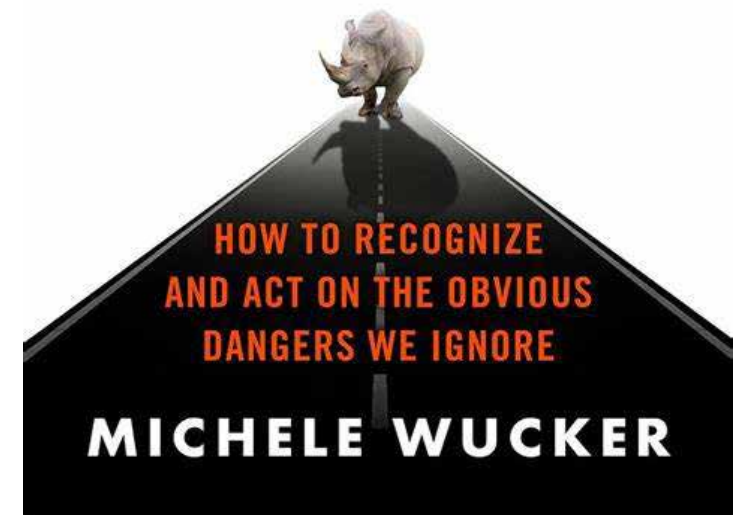
Being Resilient is Knowing your Grey Rhinos

Cognitive bias – Educated Incapacity = Accumulated Knowledge makes you unable to change / see the Gray Rhino

Grey Rhino – highly probably, high-impact events



THE GRAY RHINO



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Joint Logistics Over-the-Shore (JLOTS)

- **What is JLOTS:**
U.S. Army and U.S. Navy forces organized and equipped to conduct joint ship-to-shore operations where fixed port facilities are inadequate or unavailable.
- **What JLOTS can do:**
Offload equipment and cargo in-stream (offshore) and deliver cargo to a restricted port, an expeditionary floating pier, or a bare beach employing shallow draft transport watercraft.

Floating Pier

Pier Emplacement

Floating Causeway Pier

1:28 / 31:58 • Introduction >



Knowing your Grey Rhinos



Port Tampa Bay

Port Tampa Bay's fuel terminal operators are making significant progress towards restoration and resuming operations.

According to our partners, Port Tampa Bay's fuel supply remains adequate. Following Hurricane Milton, our fuel terminals lost power, preventing them from distribution to the community. Today, power was restored to all seven private fuel terminals. Each terminal performed, or is in the process of performing, a necessary and thorough safety test to ensure their facilities could discharge fuel without incident. Some fuel terminal operators have begun discharging to fuel trucks, which will then deliver it to gas stations for the public. The fuel terminals that are operational at this time will remain open through the night. We hope that all seven of our fuel terminal operators will be able to discharge fuel by tomorrow.

Oct 2024 – Post Hurricane Milton



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Last Mile Logistics

- § Last Mile Logistics is all about Effects - Do survivors have the necessities?
- § Participate in Emergency Management Exercises



FSA (Federal Staging Area) Maxwell AFB 2025

- ~600 Trailers and 100 Trucks
- ~50 Empty Trailers
- Gate Access – One way in and out separate from normal access gates

How do you get the information out
Who opens the roads, when, coordinated?
Police Escorts – if needed



Be ready to support others - Port assets may be needed at other locations for last mile movement

How do we coordinate with others without normal communication methods?



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Questions



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Contact Slide

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