

International Recovery Forum 2016

Building Back Better

Tuesday, January 26th, 2016



FEMA

FEMA's Mission Statement

FEMA's mission is to **support** our citizens and first responders to ensure that as a nation we **work together** to build sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.



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FEMA Strategic Plan



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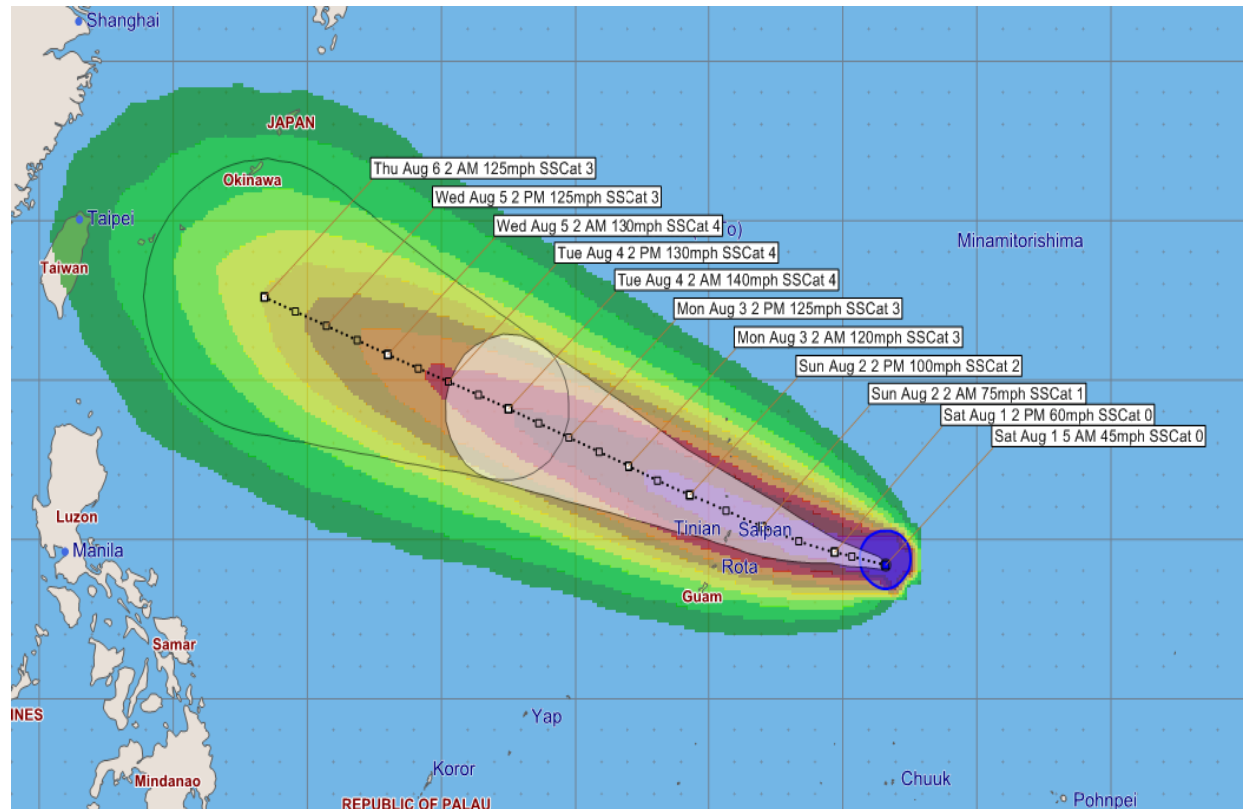
Recent FEMA Operation Typhoon Soudelor: Saipan



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Typhoon Soudelor: Saipan

- Declared: 8/05/2015 for the incident Period: 8/01/2015 to 8/03/2015
- Typhoon Soudelor directly hit the island of Saipan in the Commonwealth of the Northern Mariana Islands on 8/02/15



Tropical Storm Soudelor (13W) - Saturday, August 01, 2015 5 AM EDT Advisory #9

Center Location: 14.2 N 151.6 E Maximum Sustained Winds: 45 mph Movement: 9 mph WNW

□ forecast positions Potential Track Area: ☉ day 1-3 ☉ day 4-5 Surface Wind Field ● at current location

Sustained Wind Speeds: ■ tropical storm >= 34kt/39mph ■ strong tropical storm >= 50kt/58mph ■ typhoon >= 64kt/74mph

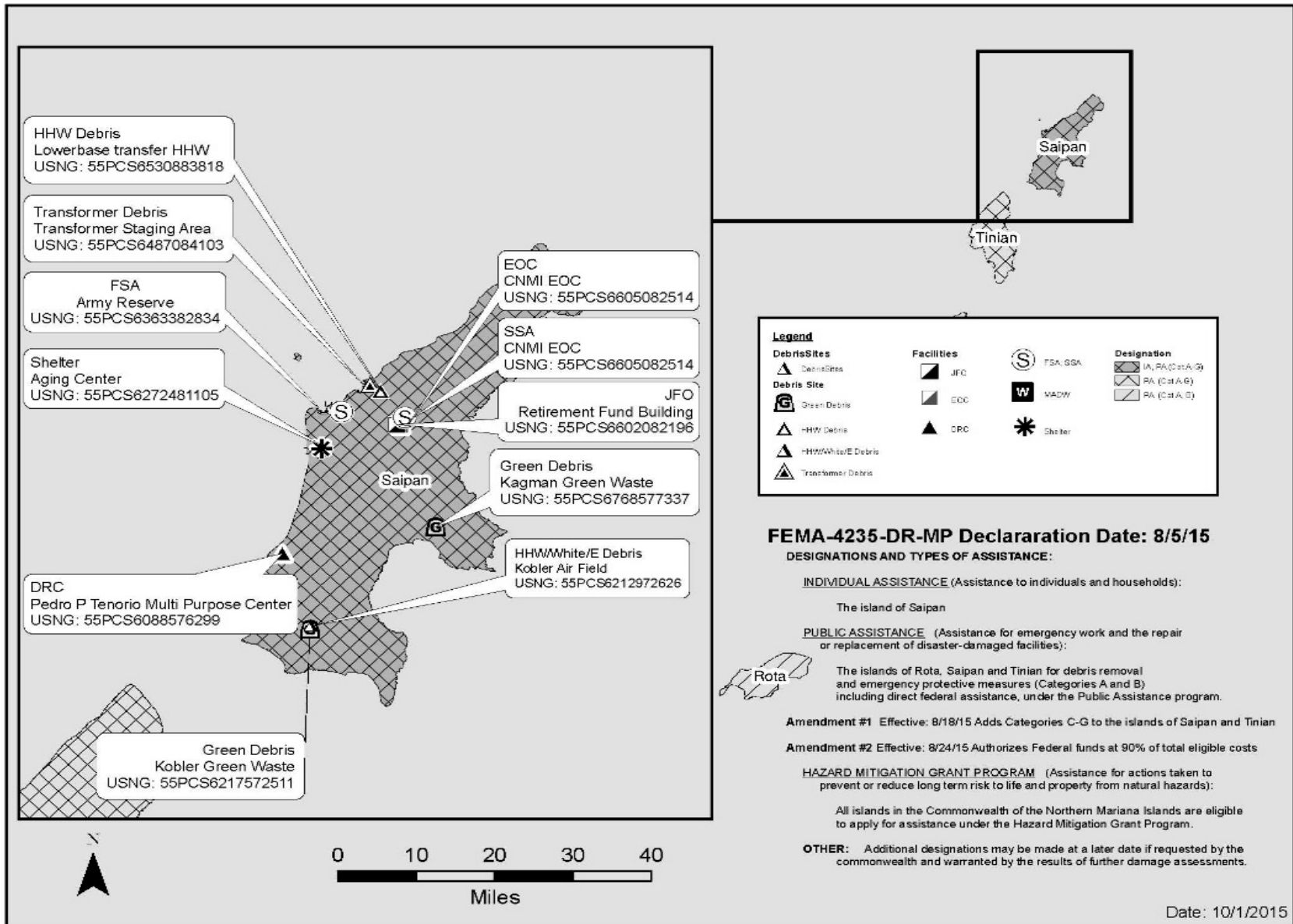
Probability of tropical storm force surface winds (1-minute average >= 34kt/39mph) from all tropical cyclones for the 120 hours (5 days) from 2AM EDT Sat 8/1/2015 to 2AM EDT Thu 8/6/2015

5% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%



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Typhoon Soudelor: FEMA Response



Typhoon Soudelor: DR-4235

Strategic Priorities

- Coordinate Response and Recovery
- Support the Commonwealth and local agencies affected
- Deliver Federal disaster assistance to assist with power and water restoration with minimal disruption to survivors

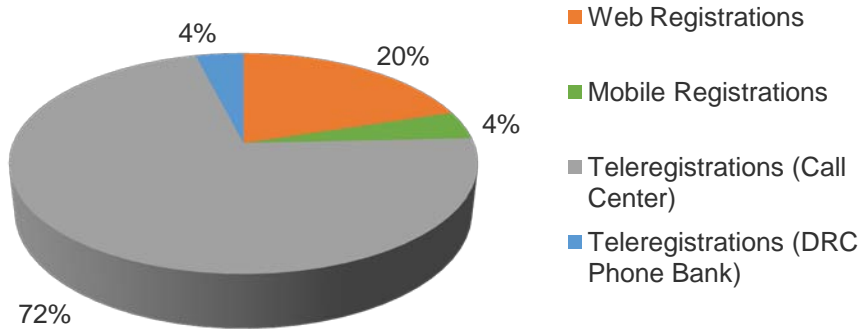


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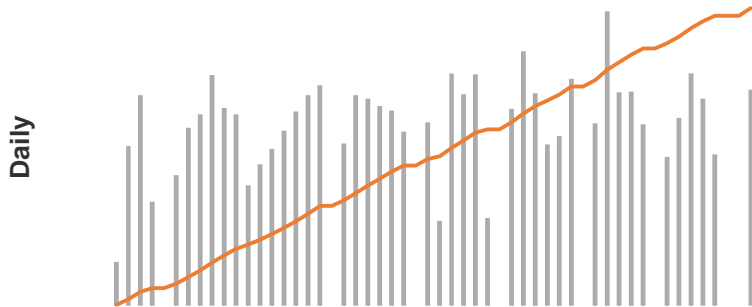
Typhoon Soudelor: DR-4235

Common Operating Picture Snapshot (as of 10/08/2015)

Registrations by Source



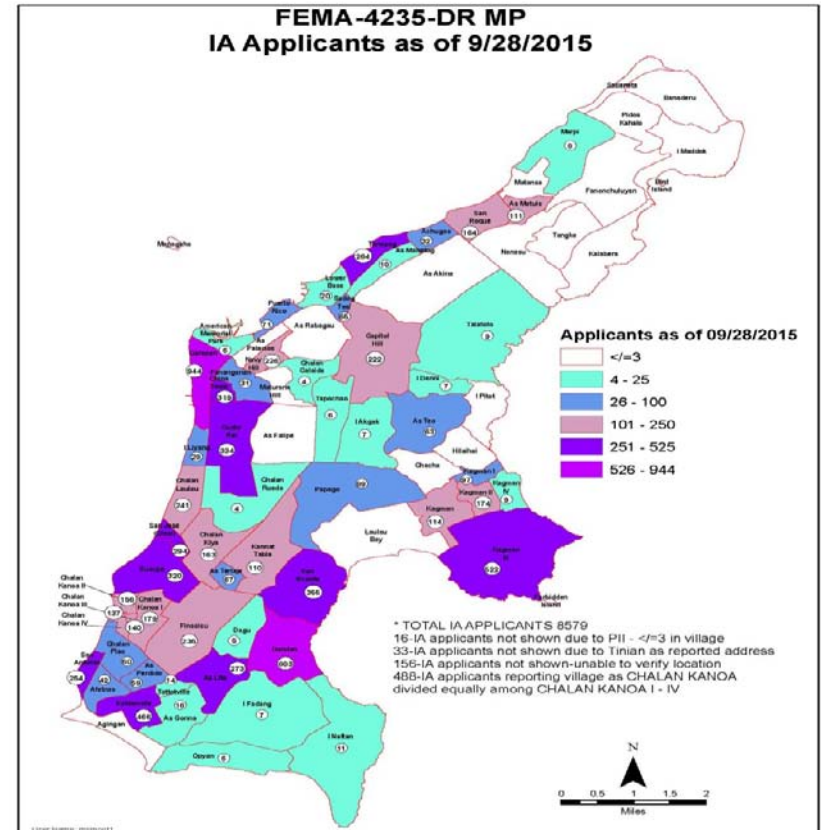
DRC Visits



1 Fixed Disaster Recovery Center located at the Multi-Purpose Center, Beach Road, Susupe



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Typhoon Soudelor: DR-4235

The Commonwealth Utility Commission (CUC) utilized around 200 concrete poles to replace downed poles in and around critical infrastructure.




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Moving Forward: Preparedness and Building Back Better



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Predictive Analytics



ESFLG
MODEL AND DATA INVENTORY

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INVENTORY Export Inventory ▾

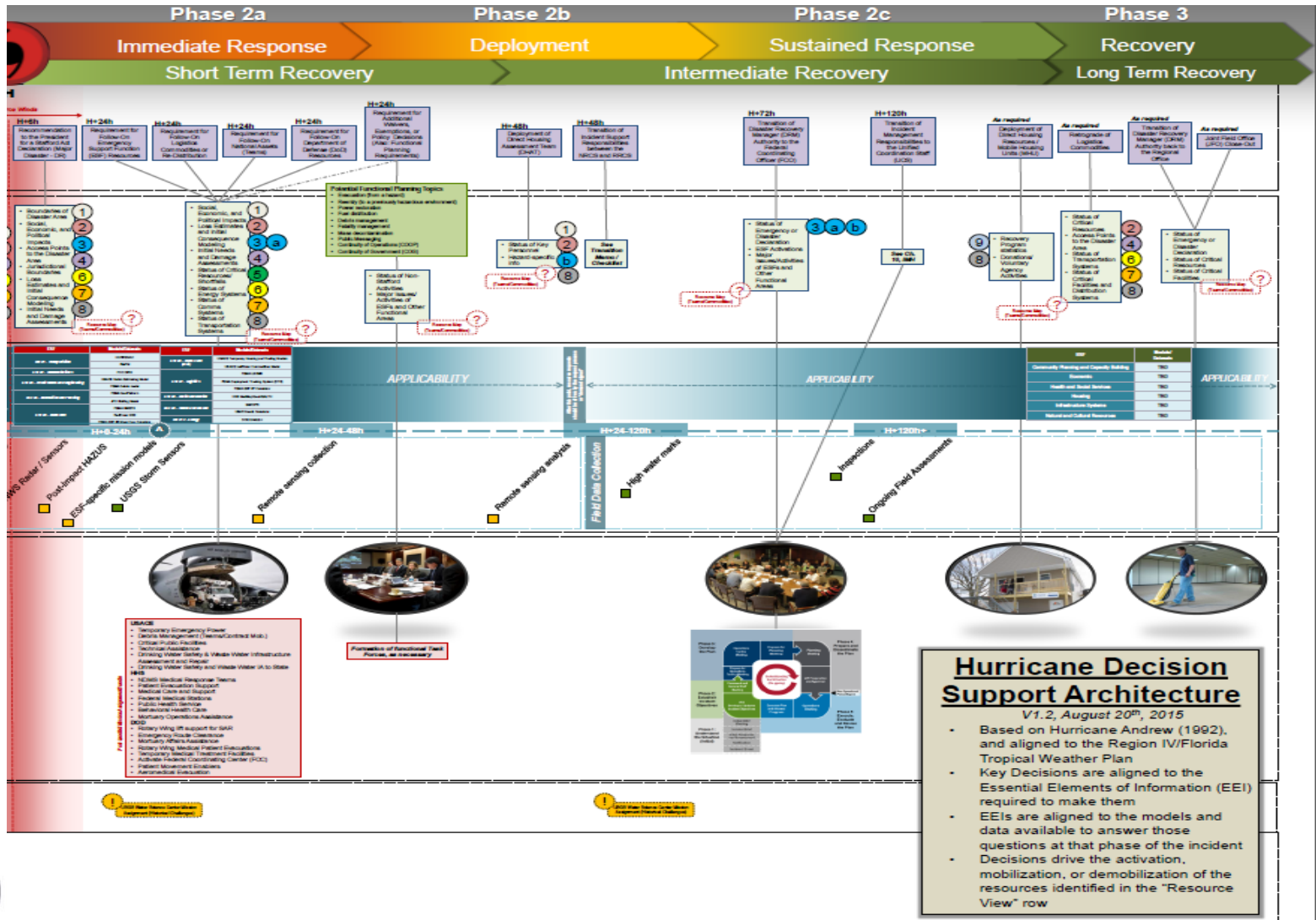
HAZARD None Selected ▾	ESF None Selected ▾	RSF None Selected ▾
CORE CAPABILITIES None Selected ▾	OWNER None Selected ▾	USER None Selected ▾
EMERGENCY PHASE None Selected ▾	ACCESS MECHANISM None Selected ▾	OUTPUT FILE TYPE None Selected ▾
KEYWORD None Selected ▾		



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Our Model and Data Inventory (MoDI) is now publicly available either through a link on the FEMA GeoPlatform (<https://fema.maps.arcgis.com/>) or through its own site: <http://equalsx.dev.femadata.com:8080/modi/>.

Decision Support Architecture



Every Employee an Emergency Manager

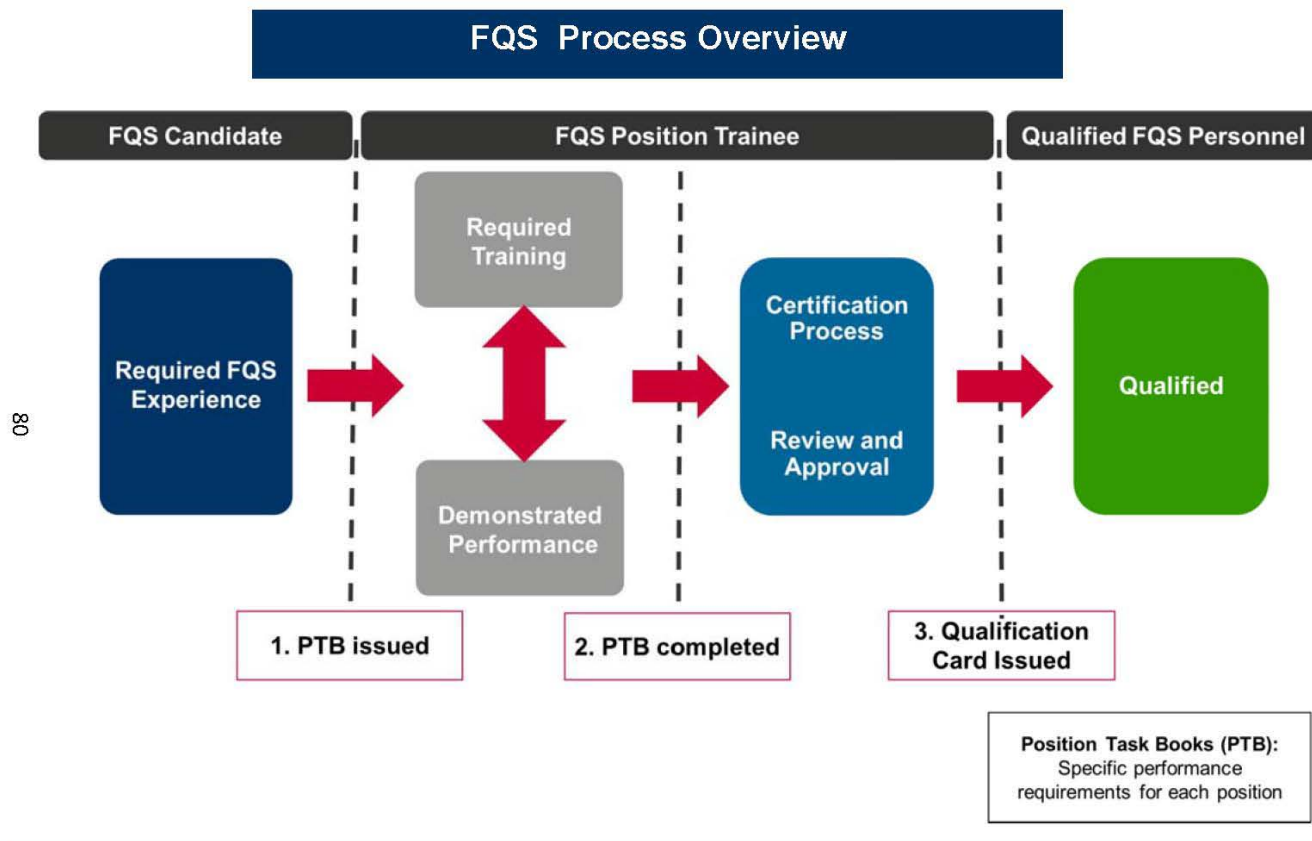
- 4 Guiding Principles:

1. Ensure each current and future employee understands the meaning and expectations of being a Federal emergency manager;
2. FEMA assigns, trains, and qualifies every employee to perform regular and recurring emergency management duties;
3. FEMA is an expeditionary Agency taking the mission to the field; and
4. FEMA flexible: FEMA retains the statutory right, in accordance with applicable laws, “to take whatever actions may be necessary to carry out the agency mission during emergencies.



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FQS Process Overview



Public Assistance (PA) 404/406

- Two types of FEMA hazard mitigation funding should be considered for post-disaster implementation:
 - Section 404, HMGP funding
 - Section 406, PA funding.

EXAMPLES OF 404 AND 406 MITIGATION

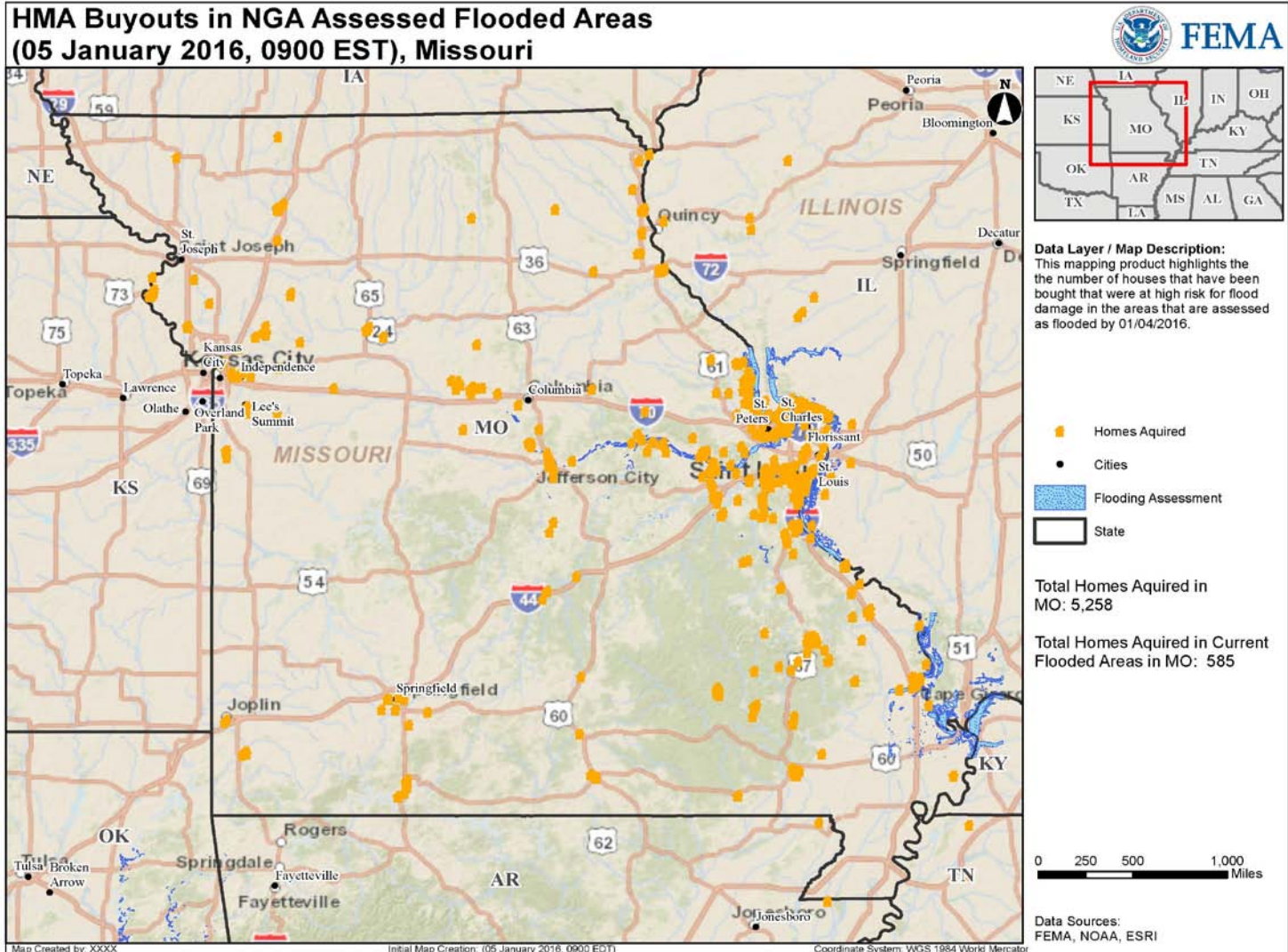
The following project examples illustrates how an Applicant or subapplicant can mitigate the damaged elements of a facility or infrastructure with Section 406 funds (PA) and mitigate the undamaged elements with Section 404 funds (HMGP).

- A damaged school can be repaired with PA funds and enhanced with an HMGP-funded Tornado Safe Room.
- A damaged culvert can be upsized with PA funds and further enhanced with the flood risk reduction measures funded under HMGP.
- A damaged building can be repaired with PA funds and enhanced with the addition of a generator funded under HMGP.



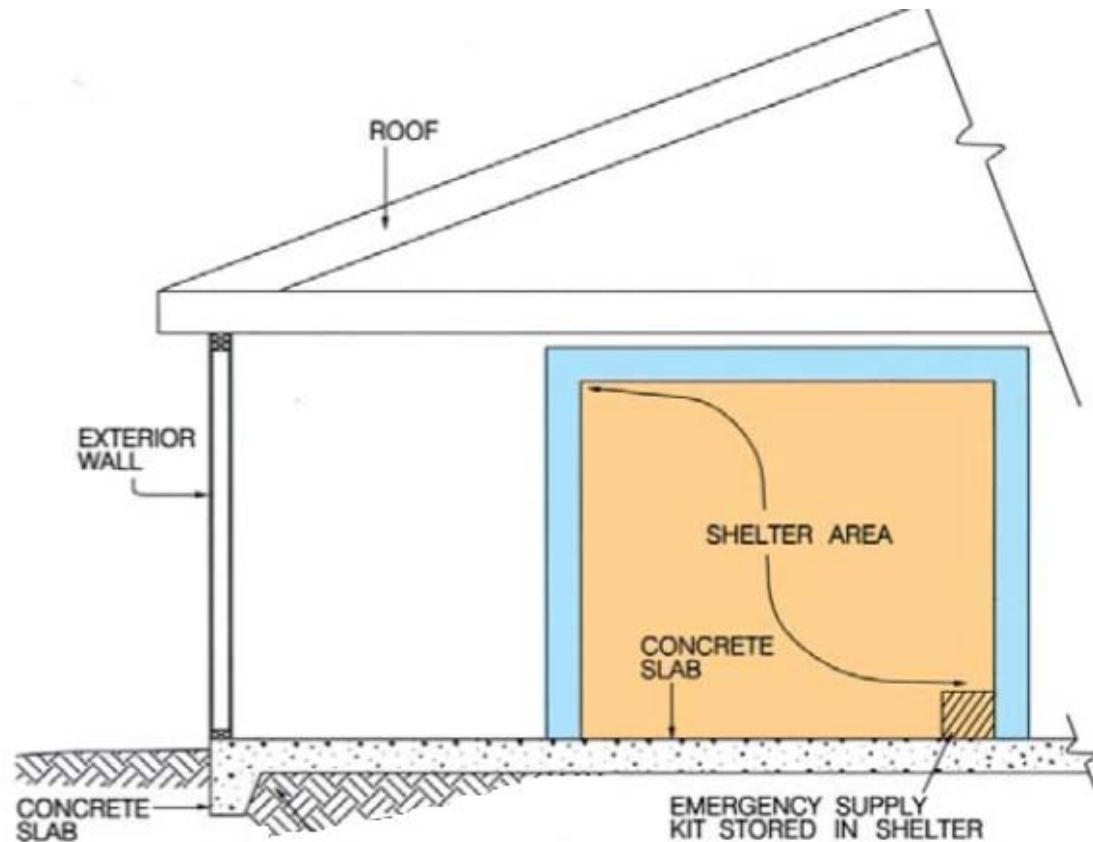
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Public Assistance (PA) 404/406 Examples: FIMA Buyouts



Public Assistance (PA) 404/406

Examples: Safe Rooms



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