Interagency Recovery Coordination

FEMA-DR-4337-FL

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Lessons Learned from 2017 Disasters

• This framework was critical in transitioning through the response, recovery and mitigation phases of Hurricane Irma

• This level of integration enabled place-based teams to expedite resource delivery to the most impacted areas

• Four guiding principles were embodied when engaging with impacted communities:
  • Disasters are local; locals maintain the best knowledge regarding their communities’ needs
  • Focus on tangible projects that buy-down natural hazard risk
  • Promote return on investment in all actions
  • Always be mindful of a project's life cycle

“Florida's NDRF structure mirrored the Federal NDRF structure in pairing partner agencies to perform in a disaster recovery context...”
Interagency Recovery Coordination (IRC)

- Strong leadership and direction for the IRC mission
  - Florida DEM and DEO
  - RSFs and FDRC Advisors
  - Coordinated Place Based Recovery Support Teams
  - CPBRS Coordination Cell

- Empowering decision makers at the local level
  - County administrators identified a combined total of 67 priority recovery projects

- Establishing a place-based model (CPBRS)
  - Helping communities with project development strategies (technical assistance)
  - Connecting the federal agencies directly to county officials
## Recovery Support Functions (RSFs)

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Economic Recovery Support Function

**Strategic Actions**

Funded five Local Disaster Recovery Manager (LDRM) positions

Support for small business
- More than $144 million in loans to small businesses in FL

Support for agriculture and aquaculture
- Technical advice on mitigation practices

Support for tourism
- Partnership involving Enterprise Florida and VISIT FLORIDA

Six Economic Recovery Workshops
- Designed to foster greater agriculture, business, and community resiliency
- Connecting community leaders with information concerning state and federal resources
Health and Social Services Support Function

Strategic Actions

Support local-level recovery planning
- Community health and social service needs

Identifying resources
- Connecting local organizations with resources

Training assistance
- Awareness and mitigation of environmental health hazards

Support for debris collection
- Guidance on debris management
Strategic Actions

Increase affordable and accessible housing options
- Technical, regulatory, and program assistance

Workforce/Tourism sector/ Farm labor populations
- Strategies to meet affordable housing needs

Emerging Populations
- Section 3 program

Acquisition & Replacement strategies
- Acquisition/demolition projects
Infrastructure Systems Recovery Support Function

**Strategic Actions**

Enhance resiliency of Water/Wastewater Treatment Systems

- Backup power source for drinking water/wastewater facilities

Enhance power transmission/distribution systems resilience

- Develop public-private partnership
- Develop and put in place a black start procedure
- Use new technologies to locate specific power outages in real time

Develop strategies to maintain roadways & bridges

- Develop statewide roadway management plan

Develop coastal resilience & renourishment strategies

- Restore to pre-storm targeted dune heights and beach widths
Strategic Actions

Enhance Communications Infrastructure

- Credentialing repair crew members
- Back-up communications network such as short-wave hand radios
- Upgrade communications network from copper to fiber optic cable

Enhance Port resilience

- Prepositioned submersible pumps during water service interruptions
- Construction of additional sediment traps would help reduce shoaling in navigation channels
Natural and Cultural Resources Recovery Support Function

**Strategic Actions**

Technical assistance for cultural institutions and historic properties
- Consortium of 42 agencies from the Heritage Emergency National Task Force (HENTF) calling upon 600 (+) cultural institutions

Ecological health
- Improve coastal resilience through restoration of protective dunes and beaches protecting natural resources

State Managed Coastal Lands
- Partnered with and provided technical assistance to Florida Department of Environmental Protection addressing submerged lands, wildlife and water management areas
Community Planning and Capacity Building Recovery Support Function

**Strategic Actions**

Collaborated with the State’s Division of Emergency Management (DEM), Department of Economic Opportunity (DEO)

- Local, state and federal partners together addressed potential & existing capacity gaps
- Identified issues, strategies and action steps with local communities
- Focused on community-driven solutions
- Assisted counties to develop an expedited post-disaster decision making process
- Identified funding sources for local communities
- CPCB RSF facilitated meetings with subject matter experts
Task Forces

Everglades City Resiliency Task Force

The mission was to assess and recommend resources or programs to support the development of a comprehensive strategy to support the city's resiliency and recovery efforts.

Coastal Resiliency Task Force

The mission was to assess damage to the coastal environment and infrastructure, and to recommend strategies to protect and conserve the environment.

Nursing Home and Assisted Living

Emergency Power and Mitigation Task Force

The mission was to assess and recommend resources or programs to support nursing homes and assisted living facilities to comply with Emergency Rule #58AER17-1, as well as other mitigation activities.

Water Management for the Everglades Task Force

The mission was to support the resiliency and recovery efforts of the Las Palmas community.
Coordinated Place Based Recovery Support Mission:

- Assist local leadership to develop post-disaster recovery plans and projects
- Create and implement an expedited and organized decision-making process
- Develop adequate capacity to successfully identify recovery projects
- Assist localities to identify critical steps and resources for project and strategy implementation

Coordinated Place Based Recovery Support Teams

Coordinated Place Based Recovery Support Structure

FEMA-4337-DR-FL
CPBRS – Collier Team

Project List
- Hardening & Enclosure of East Bay at county EOC
- Hardening of proposed Collier County sports complex
- Everglades City Waste Water Treatment Plant
- North County Waste Water Treatment Plant
- Review guidance of Collier County HMGP projects

Core Capabilities
- Infrastructure Systems 40%
- Mitigation 40%
- Operational Coordination 20%
### Project List

- Improve stormwater management planning and implementation
- Grants Management
- Integrate substantial damage compliance and unmet needs into a comprehensive community-driven risk reduction strategy
- Workforce Development
- Improve Community Rating System score
- Protect infrastructure: road, water and sewer improvements
- Protect county-owned facilities
CPBRS – Lee Team

Project List

- Housing solutions (i.e., unmet needs) for short-term and long-term housing
- Emergency Operations Center (EOC) enhancements
- Flood mitigation (priority 1 for county)
- Hazard mitigation (government communications upgrades - priority 2) (shelter hardening - priority 3) (transportation infrastructure hardening - priority 4)
- Economic development and visitors and convention bureau (both county departments)
- Recovery Action Plan
- Training & capacity building
- Economic Development Department communication with business community
CPBRS – Monroe Team

Project List
- Training & Capacity Building
- HMGP Application Guidance & Template Development
- Economic Recovery & Resiliency for Business Owners
- Shelters
- Workforce Housing

Core Capabilities
- Housing 25%
- Mitigation 25%
- Operational Coordination 25%
- Economic Recovery 25%

Monroe County
MAX TRAX

A recommitment to developing a system whereby:
- We are actively learning
- Dynamically adjusting
- Improving unified outcomes for federal, state and local communities

Interoperable web-based software program
- Collaborative and sharing environment among all RSFs, FDRC Advisors and CPBRS Teams

Provides data management and analytics capability
- Enables data-informed decision making in every aspect of our mission
- Tracks the entire life-cycle of recovery operations

Cost-effective
- Not starting from scratch but from pre-existing information maintained in one repository
- Can be used to measure a return on investment (ROI)
- Can focus recovery resources on community solutions

Monitors and documents recovery progress
- Ability to compare actions across multiple disasters
Screen shot of MAX TRAX Issue, Strategy, Action

Issue Type
Total Issues: 102

- Action: 72
- Strategy: 20
- Housing: 10
Introduction

Area has a history of flooding which was exacerbated by Hurricane Irma's heavy rainfall and increased flood elevation along St. John's River.

Initial Efforts:

RSFs meet with Putnam County and City of Palatka to discuss the flooding issues and see where the federal government could assist the county in addressing these issues.

Results Intended:

Watershed flood study to evaluate then make recommendations to improve flood protection for the area. Other federal inter-agencies will look at how they can assist with support to medical facilities impacted by flooding along St. John's Avenue.

Importance:

Flooding affected evacuation shelters and prevented evacuation of medical patients located in facilities that were threatened with flooding. Also hampered emergency personnel in responding to the emergency.
Action Plan to Resolve Putnam County Flooding Issues

Details
Type: Strategy
Priority: Medium - IRC FDRO/Supervisors Level
Labels: None

Status: COMPLETED
Resolution: Unresolved

Description
Click to add description

Attachments

Issue Links
is strategy of DR4337-961 Infrastructure Systems - Putnam County

Sub. Tasks
1. State and RSF site visit to explore issues with county staff (1/29 - attendees: CPCB, IS, Econ, Housing/USDA, NCR, HSS, State SDRC, FDRC, Mitigation, Sustainability, UFR/EHP)
2. Follow up IRC RSF discussion on issues and way forward (2/1 - attendees: CPCB, IS, Econ, Housing/USDA, NCR, HSS, State SDRC, FDRC, Mitigation, Sustainability, UFR/EHP)
3. Compile and prepare draft work plan of actions to support the county (IS RSF)
4. Finalize work plan and deliver to state (IS RSF/FDRC)
5. Deliver work plan to county (state)
MAX-TRAX in context of Maturing the NDRF

**Consistency**
Institutes consistency across all sector/function operations and Recovery Coordination.

**Methodology**
Aligns federal, state, and local sector/function members to function effectively and efficiently.

**Transparency**
Commonplace for sectors/functions to work solutions to meet states priorities.

**Ownership**
Reduces dependency on individuals and reduces likelihood of reverting to traditional delivery methods.

**Outcomes**
Expedites the implementation of solutions allowing more time to focus on hard problems and critical thinking.

**Accountability**
Outlines responsibilities and a workflow to track sector/function processes and drive the programs towards delivering projects.
Interagency Recovery Coordination Timeline

- **Mission Scoping Assessment Process**
  - Disaster Declared: 9/10/17
  - Task Forces Created: 10/25/17

- **Recovery Support Strategy (RSS) Process**
  - MSA Completion: 11/21/17
  - Task Forces Officially Sunset: 1/31/18
  - RSS Completion: 3/13/18
  - CPBRS Teams Embedded in Counties: 1/11/18

- **Federal Agency Transition to Steady State**
  - CPBRS Work Plans Finalized: 3/30/18
  - CPBRS Teams Facilitate Recovery Process
  - Transition Plan Finalized: 4/15/18
  - Federal Agency Activations
  - FDRC/SDRC Appointments
  - MSA Completion: 11/21/17
  - Task Forces Created: 10/25/17
  - CPBRS Teams Demobilized by: 3/30/18

- **Transition to Region IV**
  - CPBRS Teams Officially Sunset: 1/31/18
Conclusion

• The Federal Disaster Recovery Coordinator (FDRC) deployed all six RSFs to support the State of Florida

Task Forces were MISSION FOCUSED addressing issues from an interagency perspective

➢ Teams of experts from across federal agencies collaborated with local and state leaders
➢ Resources were identified with the intent to help impacted communities recover and rebuild

• In partnership with federal and state agencies, Florida is also delivering support by utilizing Coordinated Place Based Recovery Support (CPBRS) teams, which are intended to:

➢ Help communities get disaster recovery projects to the implementation stage with the goal of improving community disaster resilience

• 4337-DR-FL utilized an automation platform (MAX TRAX) with a community-driven placed-based approach (CPBRS) that will standardize interagency recovery coordination among federal, state and local partners now and for future disasters

“FEMA's mission is helping people before, during and after disasters.”