LESSONS LEARNED FROM HURRICANE IRMA

Ellen Pinder
Charlotte County Mitigation Planner
WHAT IS MITIGATION

- Worse Case Scenario
- Making the community more resilient
- Local Mitigation Strategy
- Flood Management Plan
HOW DOES MITIGATION HELP

- Community Rating System
- Hazard Mitigation Grant Program
  - National Flood Insurance Program
- Hazard Mitigation Assistance
- Pre-Disaster Mitigation

HOW DOES MITIGATION HELP
WHY IRMA WAS A BIG DEAL

- Hurricane Harvey
- Storm kept changing its path
- Most of the state was effected
- Storm surge predictions
- 47 direct deaths
- 82 indirect deaths
Friday, September 8, 5:00AM

9/8/2017 Mobile Home Evacuation
10:30AM (3,634 Contacts)

Saturday, September 9, 5:00AM

9/9/217 Red Zone Mandatory
7:34AM (28,709 Contacts)

9/9/217 Orange Zone Mandatory
7:44AM (33,560 Contacts)
WHAT WAS THE BIGGEST CHALLENGE?

- Evacuation
- Availability of Shelters
- Sand Bags
- Special needs patients
- Fuel and Transportation Availability
- Debris Removal
- Staffing shortages
- SNF / ALF Emergency Plans
- Seawalls
- 9/8/2017  Evacuation declared Red 28,482 residents
- 9/8/2017  Mobile Home Evacuation 3,634 residents
- 9/9/2017  Red Zone Mandatory  28,709 residents
- 9/9/2017  Orange Zone Mandatory 33,560 residents
- 9/9/2017  Shelter in Place Message 101,287 residents

Total Residents Contacted

195,672

SHELTER SPACE - 2300

CHARLOTTE COUNTY
HAPPY ANNIVERSARY

Mr. and Mrs. Hopkins
Liberty Elementary School Shelter
EMERGENCY OPERATIONS CENTER

- Food issues
- Sleeping arrangement issues
- Technology Issues
- State resource requests issues
STATE

- 6 million people notified to evacuate
- Difficulty pre-staging supplies
- Staffing issues at all levels of government
- Could not get fuel fast enough
- Not enough trained staff for potential impact areas
- Logistics for resources had issues
THINGS THAT WERE IDENTIFIED THAT SHOULD CHANGE

- Assisted living facilities emergency plan
- Shelter staff requirements
- Finding more locations for last minute sheltering
- Special needs program
- Better training for deployable assets
THINGS THAT WERE IDENTIFIED AND CHANGED

- Pre Disaster Declaration before landfall
- MOU’s
- Purchasing thresholds
- Purchasing requirements
- Resource requests to the state
- Staffing requirements
- Working with all partners to share fuel
TRAINING NEEDS IDENTIFIED

- Shelter training
- Community Emergency Response Team Training
- Call Center Training
- COOP’s
- Power Plans
- FEMA Courses for IMT
WORKING WITH OTHER AGENCIES

- SMAA
- Red Cross
- CERT
- Sheriff
- Public Works
- FDEM
- National Guard
- State and Regional IMT
INCIDENT MANAGEMENT TEAM (IMT)
HOW TO JOIN

- Deployable asset before and after the storm
- Must be self sustaining for at least 72 hours
- Will get paid according to your agencies guidelines
- Reimbursable with mission request
MICHAEL DEPLOYMENTS

- Public Works
- Building Inspectors
- Administrative staff
- Procurement Staff
- Planners
- First Responders
- Shelters
- Security
- Points of Distribution
- Emergency Operations Center staff
The Charlotte County Community Emergency Response Team's (CERT) mission is to serve and safeguard our community through efficient and effective volunteer service, which helps protect life and property ensuring "the greatest good, for the greatest number."
CERT TRAINING

- 21 hours
- Put out small fires,
- Treat the three medical killers by opening airways, controlling bleeding, and treating for shock,
- Provide basic medical aid,
- Search for and rescue victims safely,
- Organize themselves and spontaneous volunteers to be effective
- Collect disaster intelligence to support first responder efforts.
WHERE CAN CERT HELP

- Shelter staff
- Call center staff
- Emergency Response
- Fire Fighter Rehab
- First Aid
- Feeding
- Administration
CERT DEPLOYMENTS DURING MICHAEL

- Supplement staffing in shelters
- Call Center Staff
- Base Camp Managers
- Preliminary Damage Assessment (PDA)
- Canteens
QUESTIONS?

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