



# 2019 Office of Emergency Management

# What is Emergency Management?

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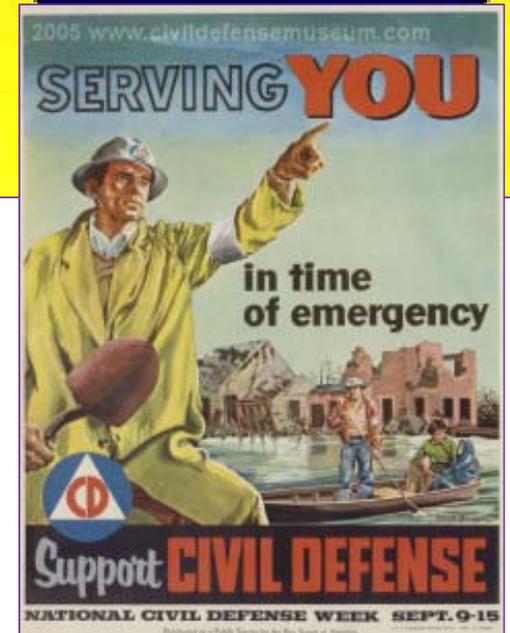
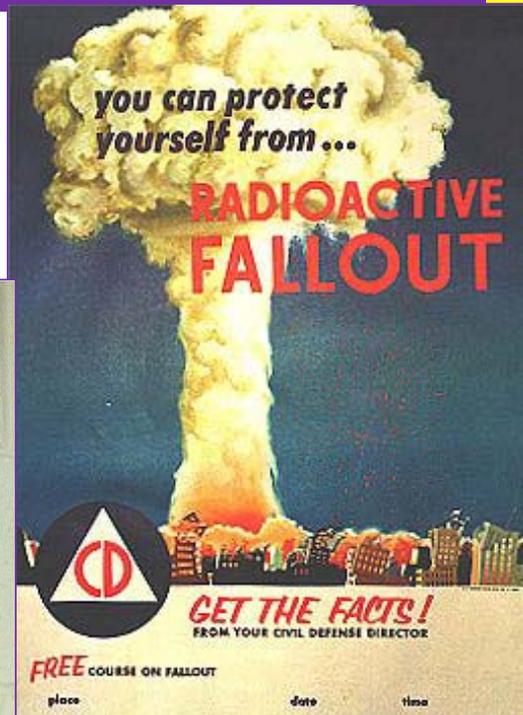
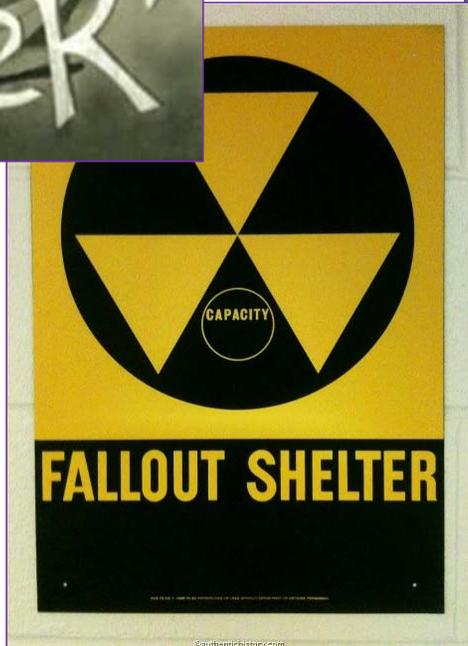
Is a process, under the elected leadership, where **local** communities manage disasters



- ❑ To improve the outcome of a disaster
  - Lives saved
  - Fewer injuries
  - Reduced damages
  - Decreased disruptions
  - Shorter recovery time
- ❑ Starts local, ends local
- ❑ Emergency Management **evolves** with time

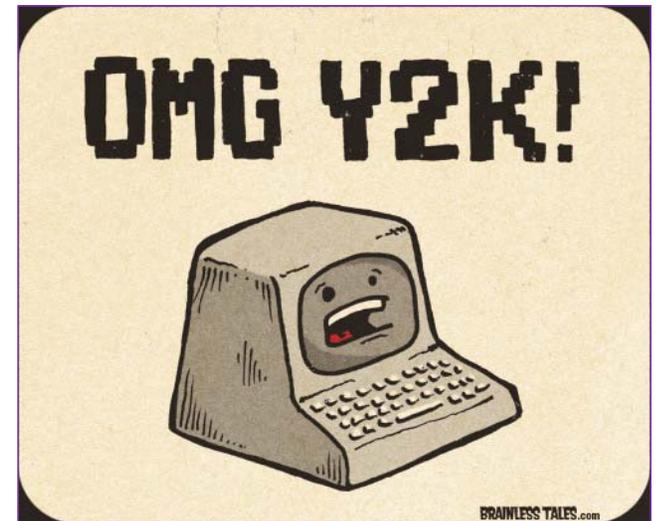
# 1950's-1960's

"Duck  
and  
Cover"



# 1970's – 1990's

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# 2000's - Now



# What is a Disaster?

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**Disaster** – dis-as-ter *n.*

- a. An occurrence causing widespread destruction and distress; a catastrophe
- b. A grave misfortune
- c. *Informal* – A total failure

**DISASTER = NEEDS > RESOURCES**

# 3 Types of Disasters

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## Natural

climate, geological



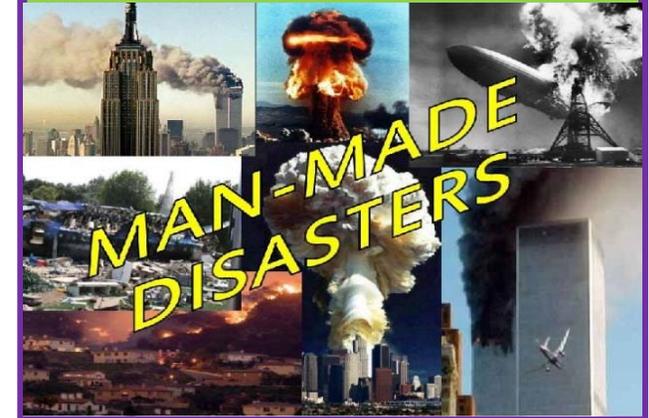
## Technological

human caused,  
unintentional

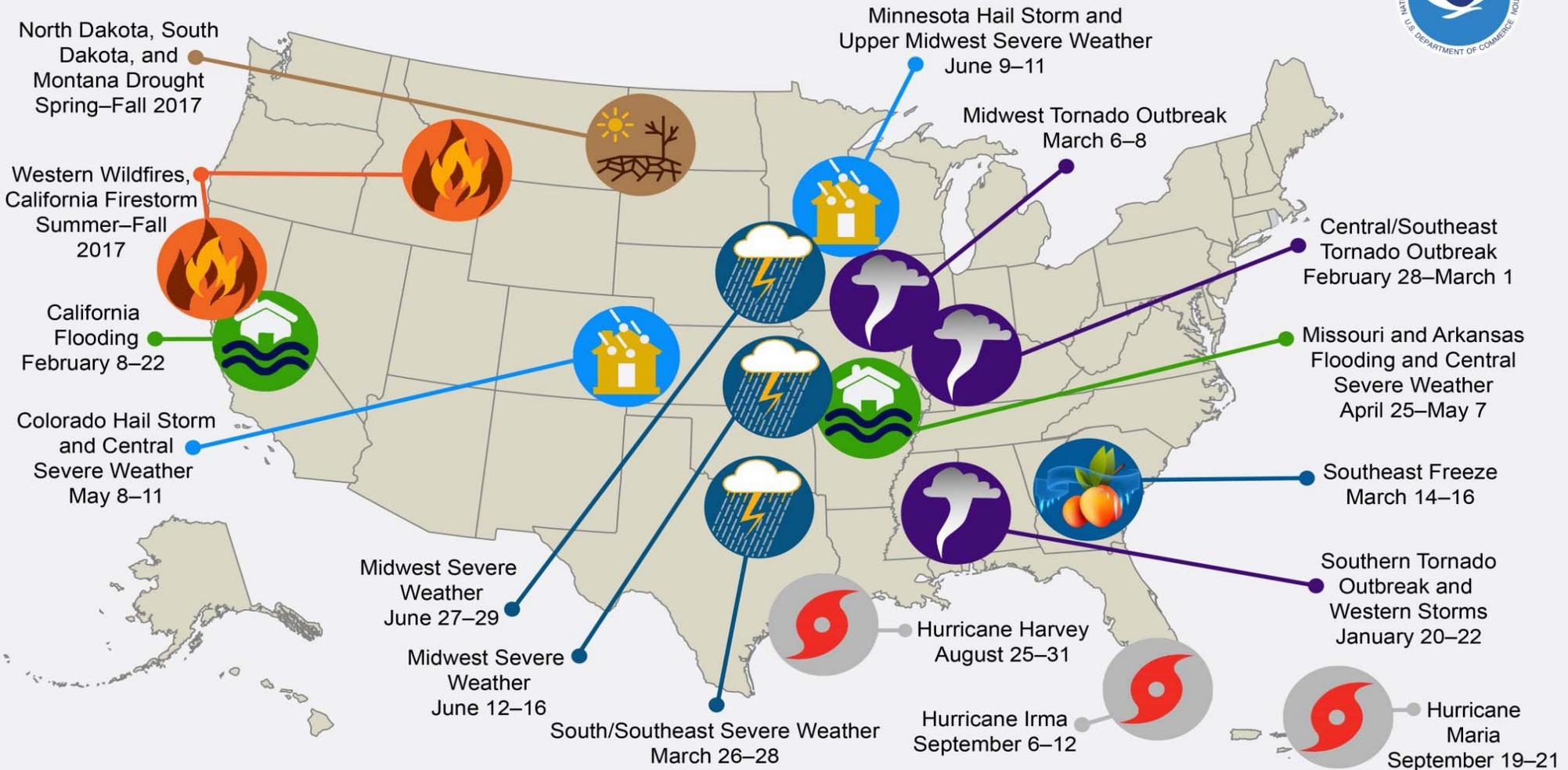


## Human-Caused

intentional



# U.S. 2017 Billion-Dollar Weather and Climate Disasters



*This map denotes the approximate location for each of the 16 billion-dollar weather and climate disasters that impacted the United States during 2017.*

# What to Expect After a Disaster?

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- **Delayed** emergency response
- **No** utilities
- **No** cell phone service
- **Collapsed buildings, fires, road blockages**
- **Vulnerable populations at risk**



# Local Threats & Hazards

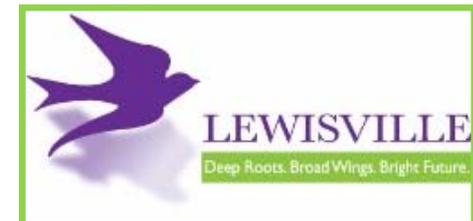
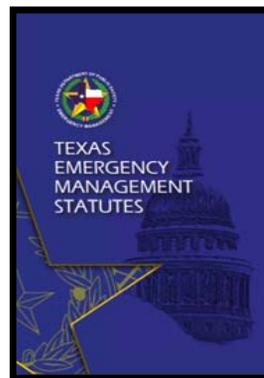
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# Local Establishment of an EM Program

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- Pursuant to City Code of Ordinances, Secs. 2-27 – 2-45,
- Chapter 418 of Texas Government Code (Texas Disaster Act 1975),
- Robert T. Stafford Disaster Relief Act,
- Homeland Security Presidential Directive (HSPD)- 5,
- and other local, State and Federal authorities as applicable.



# Who is in Charge of a Local EM Program?

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In Texas, the County Judge or Mayor is the **Emergency Management Director**



City of Lewisville  
Mayor Rudy Durham

May designate a person to serve as **Emergency Management Coordinator** to manage the Emergency Management Program

# Role of Elected Official During a Disaster

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- Responsible for ensuring public safety and welfare of citizens
- Provide policy guidance on priorities and objectives based on situational needs and the Emergency Plan
- Oversee resource coordination and support to the on-scene command from the EOC or through dispatch

## Authority to:

- Declare a local state of disaster
- Evacuate or restrict the movement of people from a disaster area
- Suspend various procedural laws/rules
- Commandeer private property
- Obligate funds
- Implement price controls
- Commit resources
- Command resources necessary to protect population, stop the spread of damage, protect environment

# OEM Staff

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972.219.5089 office main

EmergencyManagement@cityoflewisville.com

**Thomas Quinn**

**Emergency Administration Manager**

**(Emergency Management Coordinator)**

972.219.5012 desk

**Matthew LaMunion**

**Emergency Management**

**Specialist**

972.219.3431 desk

# 4 Phases of Emergency Management

15

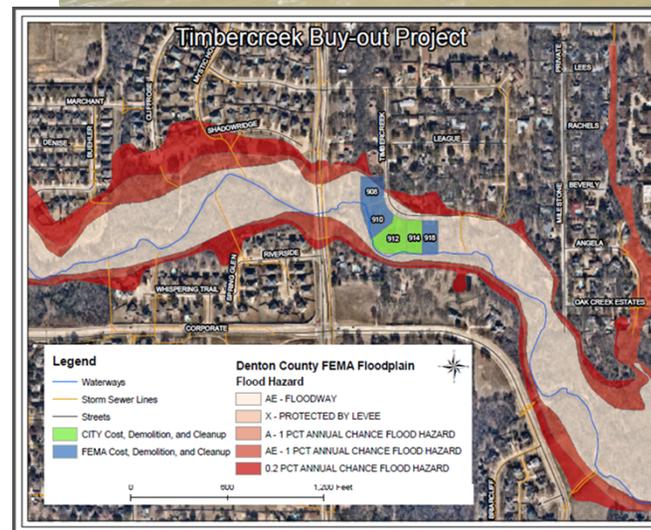


# 1. MITIGATION

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## Strategies to eliminate or reduce risk to life and property

- Flood/Fire Insurance
- Update Building Codes
- Hazard & Vulnerability Analysis
- Critical Infrastructure Assessments
- Aging Infrastructure



## 2. PREPAREDNESS

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### Plan for the worst-case scenario before a disaster

- Emergency Management Plans
- Training and Exercises
- Public Education/Outreach
- Federal Grants



**EMERGENCY  
PLAN**

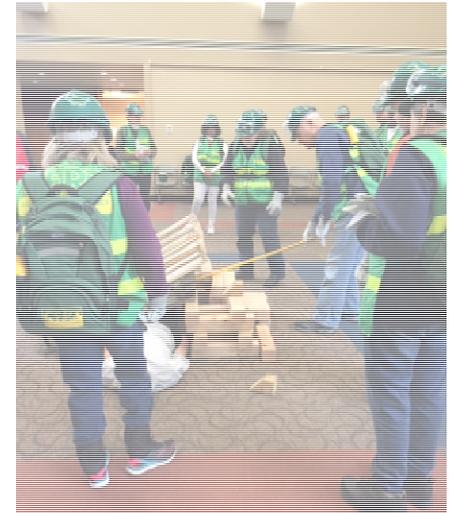




# New CERT Program

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- **Free** basic disaster survival training/equipment
  - Light search and rescue, disaster first aid and triage, cribbing, shut off utilities, fire extinguisher, Incident Command, disaster psychology
- 20 hours classroom/skills training (Friday evening and 2 Saturdays)
- Check on neighbors or respond in coordination with OEM
- Opportunity for additional training



# New NERP Program

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- The Neighborhood Emergency Response Plan (NERP) is a neighborhood community driven effort to promote community preparedness prior, during and after any large scale emergency or disaster.
- In the event of an emergency, City responders will be overwhelmed and cannot get to everyone right away
- Communities with strong connections with their neighbors are able to adapt to an emergency because of the willingness to organize and help each other

## Neighborhood Emergency Response Plan (NERP)

*Resource Guide: A Guide to Creating your Neighborhood Emergency Plan*

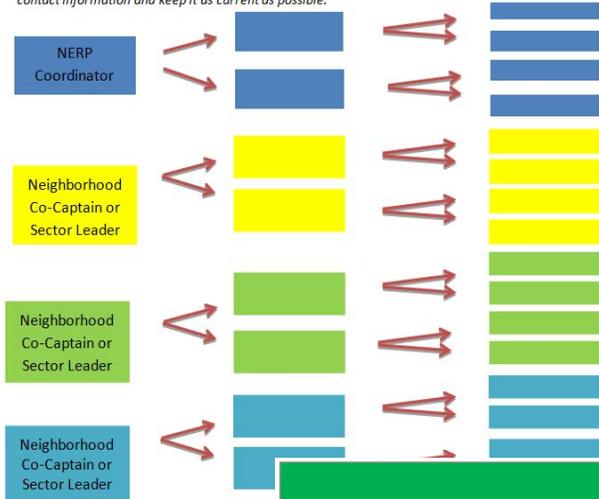
2018



151 N. Church  
Lewisville, TX 75057  
972-219-5012

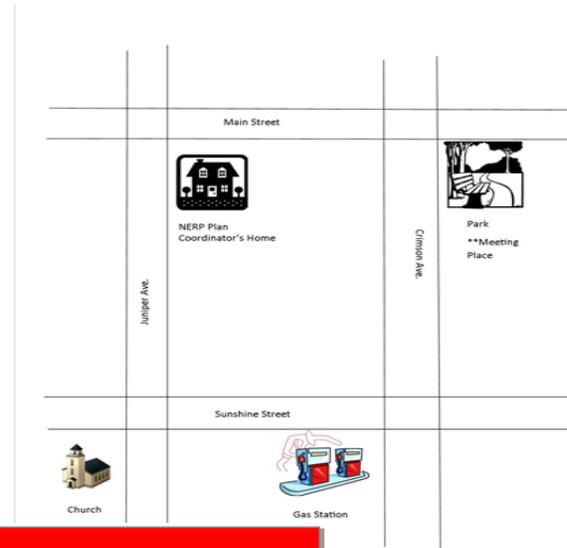
### Sample Phone Tree

There should be one person per household (1 household=1 colored box) included on this contact tree. Be sure to record all contact information and keep it as current as possible.



### Sample Neighborhood Map

Make your own neighborhood map. Remember to add names and addresses of schools, streets, stores, flood zones, hazards, shelters, etc.



OK

HELP

## Sample Drill #1

Planning Committee: Nancy Hernandez, John Smith, Robert Cooper, Joe Gonzalez

Drill Date: Saturday, November 15, 2014

Drill Start Time and End Time: 1:30 PM - 3:00 PM

Drill Location (Start Location/End Location): Nancy Hernandez home residence

Practice Emergency: (i.e., flood, ice storm): Tornado

Goal(s):

1. All neighborhood members successfully understand their roles and responsibilities in case of a tornado.
2. All neighborhood members have successfully received a test phone message with appropriate messages.

Objective(s):

1. Allow neighborhood members to identify their roles in case of a tornado.
2. Test the Communications Phone Tree.

Drill Description (*What will happen during the exercise*):

- Mock siren will sound
- Everyone will follow what is recorded on the Neighborhood Information Worksheet page \_\_\_\_ (make sure everyone has a copy)
- Stay in the predetermined shelter until the “tornado passes” – 15 minutes
- After the “tornado” passed, go through priority one on the Neighborhood Information Worksheet
- Once priority one is taken care of move to priority two (refer to Emergency Signals and Tasks worksheet page \_\_\_\_)

Emergency: Tornado

Government level signal (news, radio, etc.): Weather reports

Neighborhood level signal (phone tree, bill board, etc.): Contact Tree prior to the tornado

**What needs to be done?**(Be sure to think about shelter type, checking in on each other, warnings, resources-food, water, etc., social distancing, etc.)

If there are any questions about any tasks, report to the Neighborhood Meeting Site. When all tasks are completed, report to the Neighborhood Meeting Site.

**Drill Task Table**

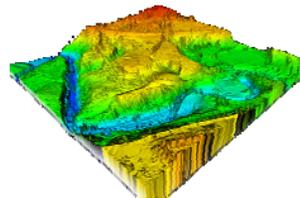
Task	Person Responsible	Contact Information (Cell)
Do a walk-through of the neighborhood and look for any “help” signs. Assist them only if it’s safe to do so. If the situation is not safe, make sure emergency responders know which house they need to go to.	David Miller, Case Jones	915-456-7890
Check on neighbors that may need extra help during emergencies: people with pets, no English speakers, differently abled residents	Joe Gonzalez	915-243-9864
Do a walk-through of the neighborhood to make sure everyone stays calm and knows what to do	Heather Sea, John Smith, Cathy Smith	915-675-0000
Staging area-this will be where first aid and extra supplies will be	Nancy Hernandez	915-240-1234
Government contacts (Utilities: Water, Gas, Electric, Etc.)	Jane Doe, NERP Liaison	915-212-1114
Bring supplies to Staging Area	John Doe, Jane Johnson	915-741-1234
Other: This will depend on your neighborhood, risk factors etc. Add more tasks if you need to.		
Other:		
Other:		

# Homeland Security Grants

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## FY16 UASI

- **Light Detection and Ranging (LiDAR)**
  - \$130,000
  - Phase I – Fly Over Data
  - Phase II – flood modeling and tabletop exercise



## FY17 UASI

- **sUAS (Drone) Program**
  - \$65,000
  - Legal foundation for operating
- **Full Scale Exercise**
  - \$65,000
  - Terrorism related scenario
  - Multiple agencies



# Federal Grant Management

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## FY18 UASI

- **FD Ballistic Gear**
  - \$90,000
  - Rescue Task Force
- **CERT Trailer & Equipment**
  - \$40,000
  - Trailer/training equipment
  - 250 CERT Backpacks

## FY19 UASI

- **FD Swiftwater Rescue Equipment**
  - \$40,000
- **Camera Trailer/Fixed cameras Old Town**
  - \$100,000

# 3. RESPONSE



## Steps to take during a disaster

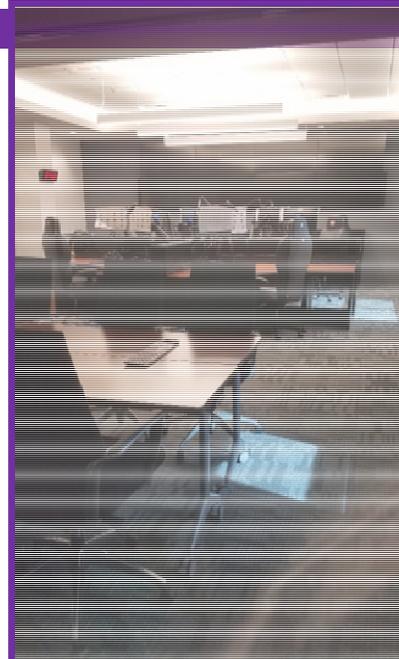
- Monitor Severe Weather
- First Responders mitigate the incident using ICS
- Mutual Aid
- Evacuation
- Sheltering
- State deployment
- Special Events



# Emergency Operations Center

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- Support field operations
- Obtain, provide resources
- Coordinate among agencies
- Maintain up-to-date information
- Monitor Special Events
- Request external assistance from other jurisdictions, state, federal organizations, public sector
- Coordinate with decision makers
- Provide Emergency Warnings and Notifications to Public



# Emergency Notification System

• 114,396+ contacts in various databases.

You **MUST** register  
your cell phone!



City of Lewisville - Citizen Alert (Organization Admin) | Welcome Josh

everbridge | Dashboard | **Universe** | Notifications | Contacts | Reports | Settings

Select Contacts | You've selected 0 contact(s)

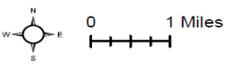
Find Contacts | Search | Filter contacts | Highlighting contacts | Draw shapes | My Shapes | Exclude Contacts (0) | Map Layers | Display Layers | Contact Layers | Change map

**Contact Layers**

- All Contacts
  - Always Call
  - Yellow Pages
  - Citizen Opt-in
  - White Pages
  - Library User
- Specific Contacts
  - Groups:
    - COL Utility Customers
    - Citizen Opt-in
    - Court User
    - Library Users
    - UBilling User
    - White Pages



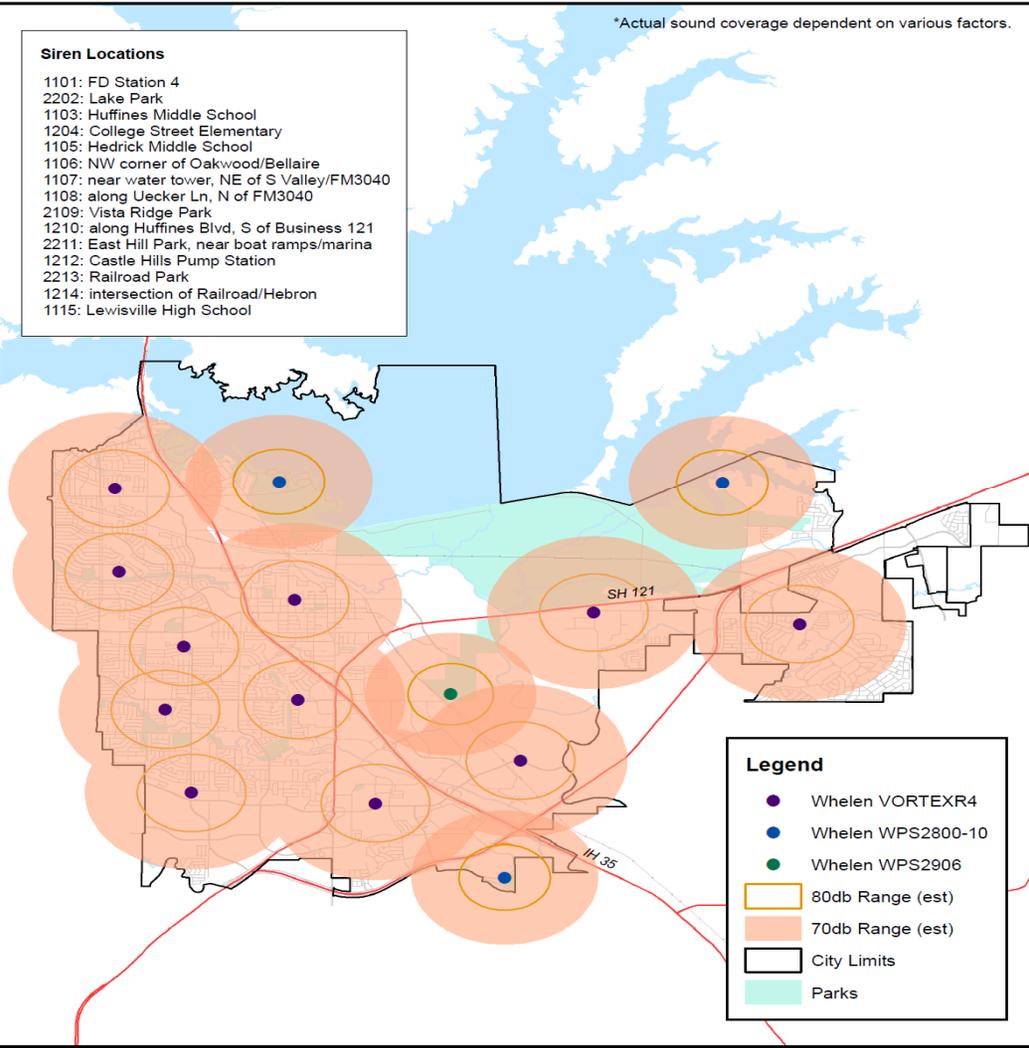
# Outdoor Warning System (OWS)



LEWISVILLE

\*Actual sound coverage dependent on various factors.

- Siren Locations**
- 1101: FD Station 4
  - 2202: Lake Park
  - 1103: Huffines Middle School
  - 1204: College Street Elementary
  - 1105: Hedrick Middle School
  - 1106: NW corner of Oakwood/Bellaire
  - 1107: near water tower, NE of S Valley/FM3040
  - 1108: along Uecker Ln, N of FM3040
  - 2109: Vista Ridge Park
  - 1210: along Huffines Blvd, S of Business 121
  - 2211: East Hill Park, near boat ramps/marina
  - 1212: Castle Hills Pump Station
  - 2213: Railroad Park
  - 1214: intersection of Railroad/Hebron
  - 1115: Lewisville High School



**Legend**

- Whelen VORTEXR4
- Whelen WPS2800-10
- Whelen WPS2906
- 80db Range (est)
- 70db Range (est)
- ▭ City Limits
- ▭ Parks

Date: 3/18/2016 Data Source(s): City of Lewisville Office of Emergency Management, City of Lewisville Information and Technology Services (ITS)



# 4. RECOVERY



•Steps to restore the community after a disaster

- Rebuild
- Emotional Needs of Community
- Activate Recovery Plans
- Utilize alternate facilities that are in the plan (COOP)
- Request Federal Funding
  - Denton County threshold **\$2,4 million**



**Thank You!**  
**Questions?**