

# The Role of Texas Cooperative Extension in Emergency Management

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# Hazard Planning and Policy

- National Response Plan
  - NRP reflects the policy established in the Homeland Security Act of 2002, and the Homeland Security Presidential Directive (HSPD) 5 to create a single comprehensive approach to domestic incident management.
  - NRP integrates federal domestic prevention, preparedness, response, and recovery plans into one all-discipline, all-hazards plan.

# Hazard Planning and Policy

- National Response Plan
  - Base Plan
  - Appendixes
  - Emergency Support Function Annexes
  - Support Annexes
  - Incident Annexes

<http://www.dhs.gov/xlibrary/assets/NRPbaseplan.pdf>

# National Response Plan

NRP protocols will help to:

- **Save lives and protect the health and safety of the public, responders, and recovery workers;**
- Ensure security of the homeland;
- Prevent an imminent incident, including acts of terrorism, from occurring;
- Protect and restore critical infrastructure and key resources;
- Conduct law enforcement investigations to resolve the incident, apprehend the perpetrators, and collect and preserve evidence for prosecution and/or attribution;
- **Protect property and mitigate damages and impacts to individuals, communities, and the environment;** and
- **Facilitate recovery of individuals, families, businesses, governments, and the environment.**

# Types of Disasters

- Natural disasters
  - Drought, earthquake, fires, floods, hurricanes, heat wave, landslides, thunderstorms, tornadoes, tsunamis, volcanoes, winter storms
- Accidental disasters
  - Hazardous material incidents, nuclear power incidents, chemical emergencies, transportation incidents
- Terrorism



# Stages of Emergency Management

1. Mitigation - to eliminate hazards, reduce the probability of their occurrence, or reduce their effects
2. Preparedness - to make ready beforehand, to know how to respond
3. Response - to react appropriately in order to resolve the situation (activating emergency facilities; mobilizing, deploying, and employing personnel, equipment, and supplies to resolve the emergency situation)
4. Recovery - to regain normalcy (short term recovery is to restore vital services; long term recovery focuses on restoring communities to a normal state by assisting property owners in repairing or rebuilding their home and businesses and assisting local governments, school districts, and other public non-profit agencies in restoring or reconstruction )damaged infrastructure.

# Which Incidents Affect Water Resources?

- Every incident has the potential to affect our water quality and/or the amount of water available for productive use
- Hurricane Rita
  - Water quality for livestock and humans
  - Levee integrity and pond access
  - Commercial fishery recovery
  - Estuary recovery
- Wildfire
- Flooding



# National Response Plan

- 1 Key Concepts (total of 9)
  - Organizing interagency efforts to minimize damage, restore impacted areas, and/or implement programs to mitigate vulnerability to future events

# Extension is a Partner

- 2000 joined National Extension Disaster Education Network – EDEN
- 2004 funding from State Department of Health Services to develop Preparedness educational materials
- 2005 planning for statewide effort throughout agency

# Who is Extension?

- Administrators
- Program Area Specialists
- County Extension Faculty – Ag, FCS, Youth, Marine, Health, Horticulture, IPM
- Statewide Communications
- Education, Information and Technology dept.

# Where Does Extension Fit?

- All disasters happen at the local level where we have professional educators serving all 254 counties in the state.
- The County Judge is charged with emergency management responsibilities
- If disaster can not be handled locally, judge contacts the district disaster committee for assistance. Chair is Lt. with Dept. of Public Safety

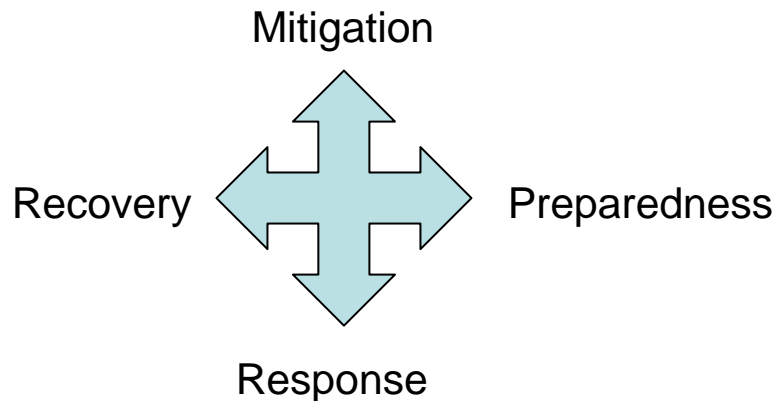
# Where Does Extension Fit In?

- If District resources cannot meet needs of incident, the state is contacted by contacting the State Emergency Mgt. Council at the State Operations Center in Austin.
- If State resources cannot meet needs of incident, the federal government is contacted.

# Defining the Role of Texas Extension

“Our first and foremost responsibility is to provide public information and education (PIE) at all four stages of emergency management.”

**Dr. Ed Smith, Director TCE**



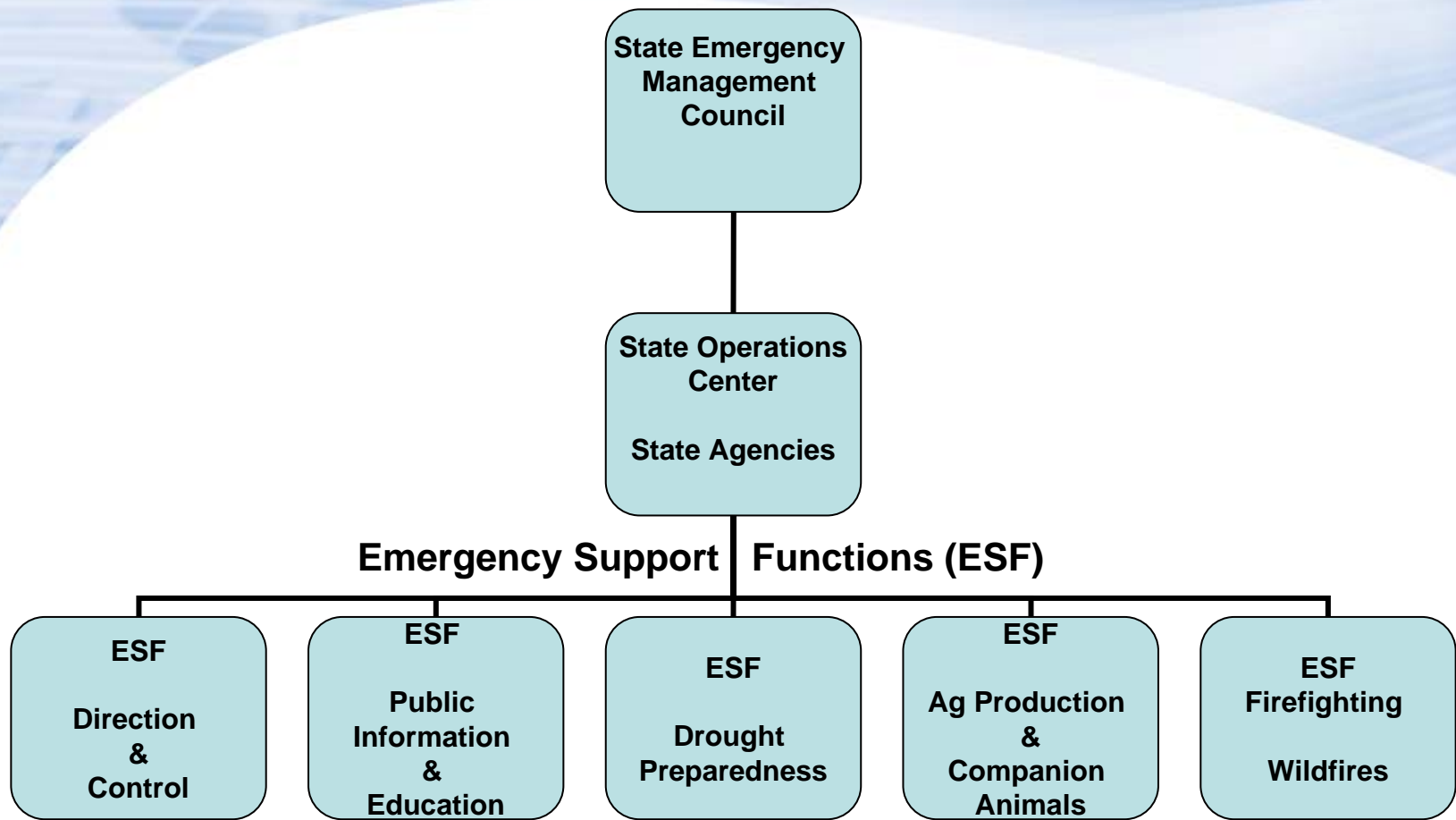
# Defining the Role of Texas Extension

- Many of the functions that are performed during an emergency are common to most emergency situations.
- EM roles are already defined in the Federal, State and Local EM Strategic Plans
- **Emergency Support Function (ESF)** led by State Agencies

# Emergency Support Functions

ESF	Extension Competencies/Commitments	Primary State Agency
Annex A - Warning	No	Dept Public Safety
Annex B - Communications	No	Dept Info Resources
Annex C - Shelter & Mass Care	No	Tx Salvation Army
Annex D - Radiological EM	No	Dept Health Svc
<b>Annex E - Evacuation</b>	<b>No*</b>	<b>Dept Public Safety</b>
<b>Annex F - Firefighting</b>	<b>YES</b>	<b>Tx Forest Service</b>
Annex G - Law Enforcement	No	Dept Public Safety
Annex H - Health & Med Svcs	No	Dept Health Services
<b>Annex I - Public Information</b>	<b>YES</b>	<b>Gov Div of EM</b>
<b>Annex J - Recovery</b>	<b>No*</b>	<b>Gov Div of EM</b>
Annex K - Public Works and Eng	No	Dept of Transportation
Annex L - Energy and Utilities	No	Utilities Commission
Annex M - Resource Support	No	Bldg & Procurement Comm
<b>Annex N - Direction &amp; Control</b>	<b>YES</b>	<b>Gov Div of EM</b>
<b>Annex O - Agriculture &amp; Pet</b>	<b>YES</b>	<b>Animal Health Comm</b>
Annex P - Hazard Mitigation	No	Gov Div of EM
Annex Q - Hazardous Materials	No	Comm on Envir Quality
Annex R - Search and Rescue	No	Engineering Extension Svc
Annex S - Transportation	No	Dept of Criminal Justice
Annex T - Donations Mgmt	No	Gov Div of EM
Annex U - Terrorist Response	No	Dept of Public Safety
Annex V - Food & Water	No	Dept of Health Svc
Annex W - Military Support	No	Adjutant General Nat Guard
<b>Drought Preparedness Council</b>	<b>YES</b>	<b>Gov Div of EM</b>

# Support Functions



**Note: Texas Extension is committing to support 5 of 22 State ESFs**

**Summary of  
Agency Emergency Responsibilities**

**Agency:** Texas Cooperative Extension (TCE)

**Mission:** The mission is to provide quality, relevant outreach....

**Enabling Legislation:** The Texas Legislature, in 1915, with the passing of House....

**Primary Agency For:** None

	<u>Lead Agency</u>
<b>Support Agency For:</b> Public Information.....	GDEM
Firefighting .....	TFS
Direction and Control.....	GDEM
<b>Plant and Animal Emergencies</b>	
1. Foreign and Emerging Animal Disease.....	TAHC
2. Animal Care in Emergencies.....	TAHC
3. Agricultural Crop and Food Security Emergencies.....	TDA
Drought Preparedness Council.....	GDEM

# Development Path

- Positioning Extension as part of the State EM Plan
- Texas Extension Emergency Management Structure
- The Role of the County Extension Agent
- The Role of the Specialist
- CEA EM Professional Development
- Texas EDEN website - <http://texashelp.tamu.edu>
  - National EDEN - <http://www.eden.lsu.edu/>
- TExAS Plan of Work
- Catalogue of Incident Related Resources

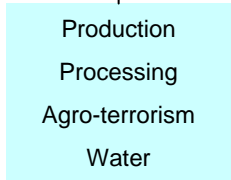
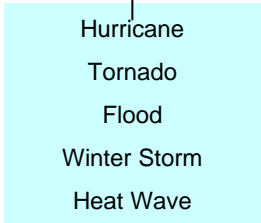
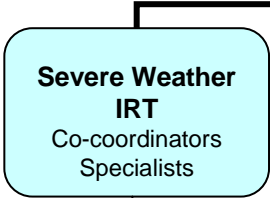
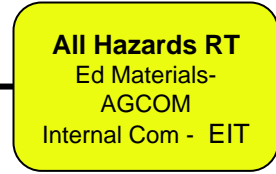
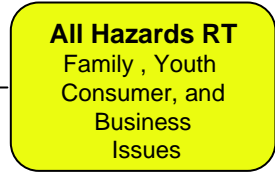
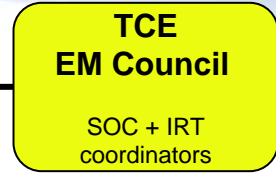
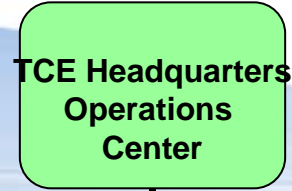


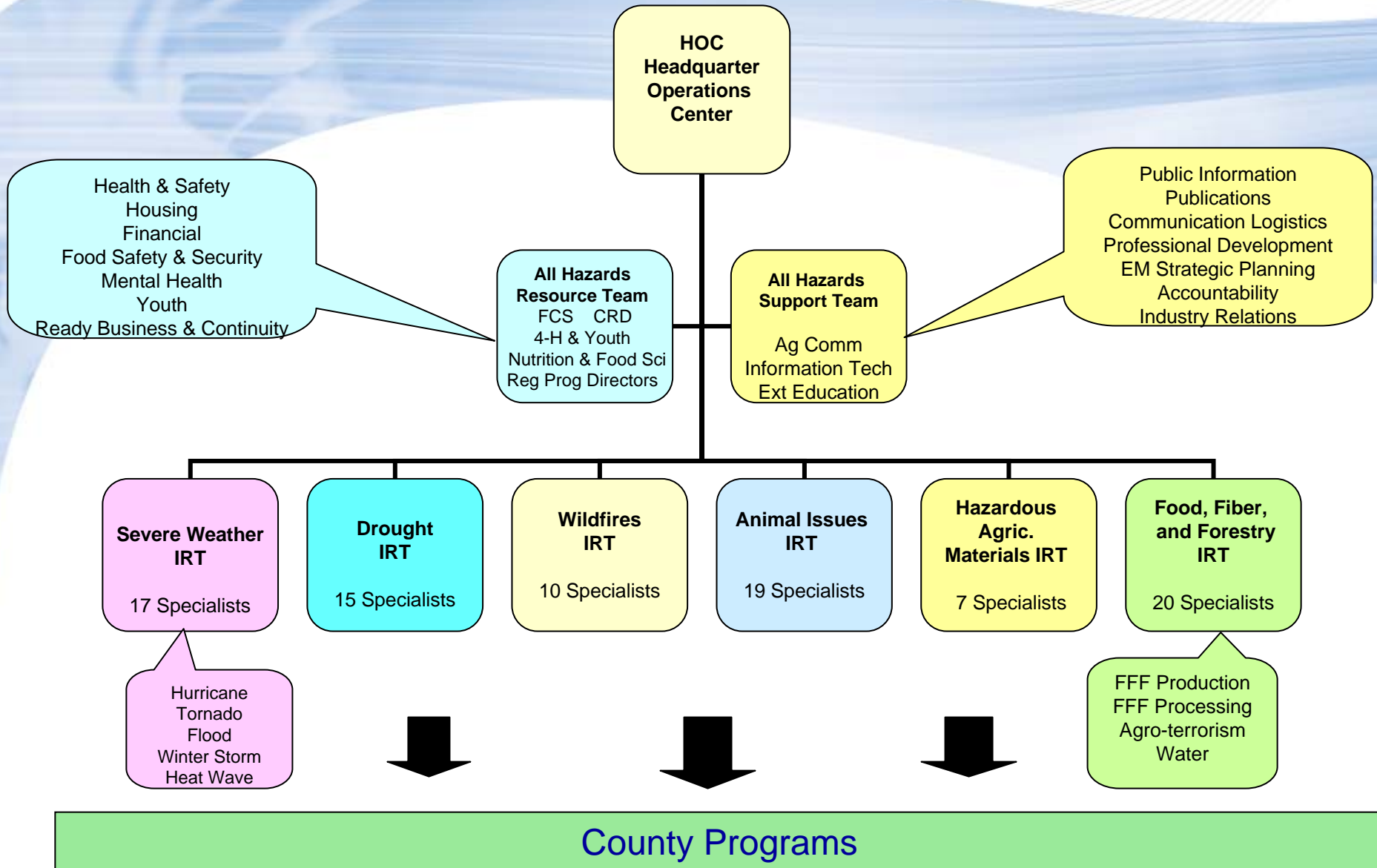
# Petition to Governor

- “Congratulations to Texas Cooperative Extension” says Chief Jack Colley, head of GDEM, “the Governor signed the executive order today making Texas Cooperative Extension a member of the State Emergency Management Council.” June 5, 2007

# TCE as part of Texas EM Plan

- Agency members of Texas EMC have a seat at the State Operations Center.
- Responsibilities to provide response as requested
- Situation Reports
- Serve under direction of Chief of GDEM





# *Summary of Resource Types*

- \_\_\_\_\_ fact sheets
- \_\_\_\_\_ media releases and/or interviews
- \_\_\_\_\_ professional development for CEAs
- \_\_\_\_\_ public presentations
- \_\_\_\_\_ department/unit web delivered info
- \_\_\_\_\_ result demonstrations on mitigation or BMPs
- \_\_\_\_\_ deployment to incident site for PIE
- \_\_\_\_\_ serve at SOC or JIC

# Professional Development for CEAs

- Four regional training events May 15 – 25
- 646 agents participated
- >30 specialists involved in training
- Administrative support during planning, funding, and training
- Emergency Management 101 – online course on Texas EDEN for new employees

# CEA Training

- Overview of NIMS and ICS
- *“Preparing for the Unexpected”* (Family)
- *“Patriotism through Preparedness”* (4-H)
- Media Relations and Crisis Communications
- Farmstead and Crop Bio-security (video)

# CEA Training

- Break-out Sessions

  - Family & Youth Issues

  - Foreign & Emerging Animal Diseases

  - Crop and BioSecurity

- General Sessions

  - National Preparedness

  - Extension Plan of Work

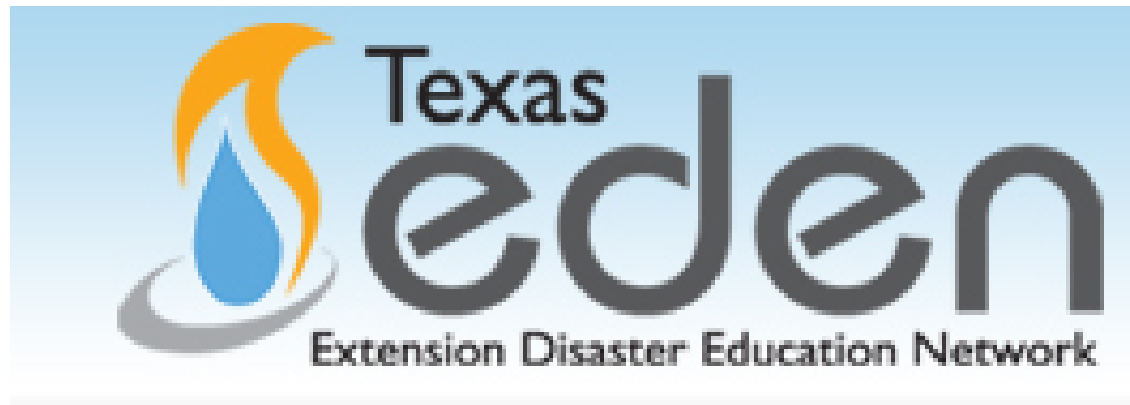
  - Personal/Family Preparedness

# Plan of Work

- Collaboration with EMC to participate in EM Plans
- County office staff EM training
- County office disaster preparedness plan
- Planning for National Preparedness Week
- Complete NIMS 700 Certification
- Establish county Animal Issues Committee and complete AI Plan
- Credentialing of state and county faculty

# Develop Plans for National Preparedness Week September 9 -15, 2007

- Coordinate with others interested in preparedness – EM Coordinators, Red Cross, Citizen Corp, area COG, Schools, etc.
- Involve entire county faculty in events and activities
- Utilize media to get the word out
- Focus on preparedness and mitigation



<http://texashelp.tamu.edu>

# Texas Extension EM Actions

- State Operations Center actions:  
Hurricane Rita -- Wildfire Prevention and Suppression -- Drought Preparedness
- DSHS, TAHC, TFS and DPC called upon Texas Extension to ensure that rural Texans, communities, and agribusinesses are resilient in times of crisis.
- TCE & PVAMU CEP - human, educational, financial, and physical resources were activated
- Preparedness education actions on current issues:
  - Avian Influenza
  - Wildfires
  - Drought Management
  - Hurricane

# State EM Exercises

- 1) Operation Palo Duro FMD Exercise February
  - Involved counties in the TCE North Region
- 2) State-wide Hurricane Evacuation and Shelter Exercise June 5-7
  - Involved all counties along the Texas Coast for Evacuation
  - Involved contiguous counties to 6 sheltering hubs: Texarkana, Tyler, Dallas, Ft. Worth, Austin and San Antonio
- 3) State-wide Pandemic Flu Exercise – in planning stage

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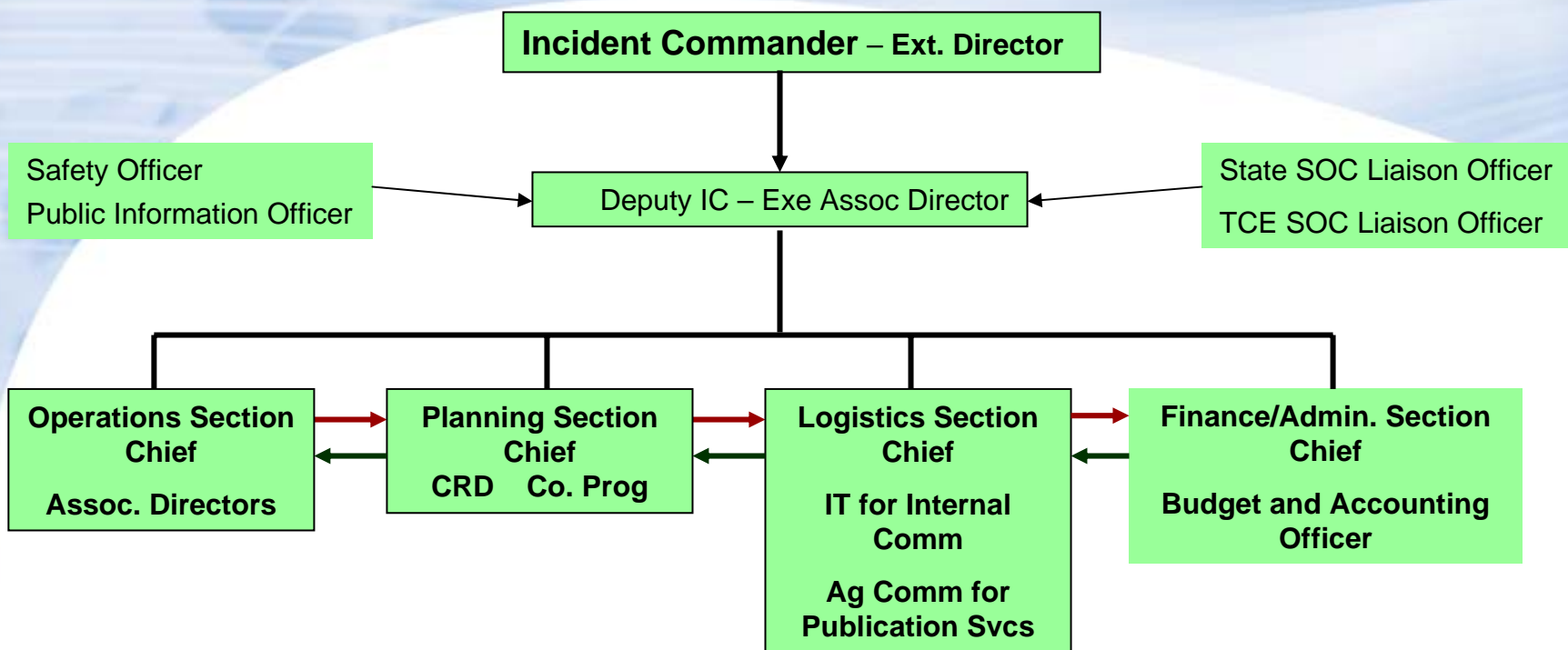
Questions?

# Incident Command Structure

Handout #1

## Headquarters Operations Center (HOC)

Revised 23Mar07



### Standard Operating Procedures:

- 1) CEA or Extension specialist informs appropriate immediate supervisor
- 2) Supervisor evaluates the incident and relevant resource needs available locally
- 3) Supervisor addresses incident using local/district authority and resources or calls Deputy Incident Commander (DIC), or Assoc. Dir. for County Programs to request state Extension resources
- 4) DIC, or Assoc. Dir. for County Programs has authority to activate HOC and appropriate IRTs