

## **Emergency Management in the United States**

- At different times, emergency management (EM) concepts have been applied in different ways
- The field of EM has expanded and contracted in response to:
  - Events
  - Congressional desires
  - Leadership styles

#### **Emergency Management**

- It is the discipline dealing with risk and risk avoidance
- It is integral to the security of our daily lives and should be integrated into our daily decisions--not just called upon in times of disaster
- It must be recognized as an essential role of government

#### **Early History: 1800-1950**

- 1803 A Congressional Act was passed to provide financial assistance to Portsmouth, NH after a devastating fire
- 1930s
  - Reconstruction Finance Corporation and the Bureau of Public Roads given authority to make disaster loans after disasters
  - Tennessee Valley Authority (TVA) created to produce hydroelectric power and reduce flooding
  - The Flood Control Act of 1934

## 1950s: The Cold War and the Rise of Civil Defense



- The potential for nuclear war and nuclear fallout seen as the principal disaster risk
- Civil Defense programs proliferated
  - Most communities had a civil defense director
- People encouraged to build bomb shelters
- Quiet time for natural disasters

#### 1950s (cont.)



- Federal emergency management activities were vested in the Federal Civil Defense Administration (FCDA)
- Office of Defense Mobilization (ODM) established in the Department of Defense (DOD)
  - Primary function was to allow for quick mobilization of materials and production and stockpiling of critical materials in the event of a war
- In 1958, these two offices were merged into the Office of Civil and Defense Mobilization (OCDM)

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#### 1950s (cont.) ■ Local and state civil defense directors became the first recognized face of emergency management in the U.S. 1950s (cont.) ■ Congressional response to disasters continued to be ad hoc Primarily involved financial assistance to affected areas 1960s: Natural Disasters Bring Changes to EM **1960** Hebgen Lake earthquake, Montana ■ 7.3 quake ■ Hurricane Donna, Florida ■ 364 killed \$22.48 billion in damage (2006 USD) ■ 1961: Hurricane Carla, Texas 43 killed **\$2.19** billion in damage (2006 USD)

# 1960s: Natural Disasters Bring Changes to EM (cont.)

■ In response, Kennedy administration created the Office of Emergency Preparedness w/in the White House

# 1960s: Natural Disasters Bring Changes to EM (cont.)

- 1962: Ash Wednesday Storm (Eastern US)
  - 620 miles of coastline damaged
  - \$1.3 billion in damage (2000 USD)
- 1964: Prince William Sound earthquake (Alaska)
  - 9.2 quake
  - 123 people killed



# 1960s: Natural Disasters Bring Changes to EM (cont.)

- 1965: Hurricane Betsy, New Orleans
  - 76 people killed
  - \$9.1 billion in damage (2006 USD)
- 1969: Hurricane Camille, AL/MS/LA
  - 259 people killed
  - **\$7.8** billion in damage (2006 USD)



#### 1960s (cont.)

- Disaster response was the same--primarily in the form of passing ad hoc legislation for funds
- However, financial losses from Hurricane Betsy started a discussion about insurance
  - Led to the National Flood Insurance Act (NFIA) of 1968 and the National Flood Insurance Program (NFIP)
  - NFIP responsibilities given to local planning dept.'s and state dept.'s of natural resources, <u>not</u> civil defense dept.'s

## 1970s: The Call for a National Focus to EM

- During the 1970s, EM responsibilities were spread out among more than five federal departments and agencies
  - Dept. of Commerce
  - Weather, warning, and fire protection
  - Govt. Service Administration (GSA)
  - Continuity of govt., stockpiling, federal preparedness
  - Treasury Dept.
    - Import investigation
  - Nuclear Regulatory Commission (NRC)
     Power plants
  - Dept. of Housing and Urban Development (HUD)
    - Flood insurance and disaster relief

# 1970s: The Call for a National Focus to EM (cont.)

- Disaster Relief Act of 1974
  - Prompted by previous hurricanes and San Fernando earthquake
  - Gave HUD the most significant authority for natural disaster response and recovery
    - Defense Civil Preparedness Agency and US Army Corps of Engineers retained <u>military</u> EM responsibilities
  - However, more than 100 other federal agencies were still involved in some aspect of risk and disasters

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# 1970s: The Call for a National Focus to EM (cont.)

- Same situation existed down to the state and local level
  - Caused confusion and turf wars, especially during disasters
- National Gov.'s Assoc. and state directors lobbied for federal EM activity consolidation

#### 1970s: The Creation of FEMA

- Pres. Carter pushed for EM consolidation
  - 3-Mile Island highlighted EM disconnects
- June 19, 1978
  - President Carter sent Congress his Reorganization Plan Number 3
  - Congress approved plan
- March 31, 1979
  - Federal Emergency Management Agency (FEMA) officially established by Executive Order 12127

# FEMA Consolidations – Agencies and Functions

- National Fire Prevention Control Administration
- Federal Insurance Administration
- Federal Broadcast System
- Defense Civil Preparedness Agency
- Federal Disaster Assistance Administration
- Federal Preparedness Agency

#### FEMA Consolidations – Preparedness and Mitigation functions

- Oversight of the Earthquake Hazards Reduction Program
- Coordination of dam safety
- Assistance to communities in the development of readiness plans for severe weather-related emergencies
- Coordination of natural and nuclear disaster warning systems
- Coordination of preparedness and planning to reduce the consequences of major terrorist incidents

#### **FEMA Consolidations**

- Made sense, but was not without problems
  - Integration of diverse programs, operations, policies, and people
  - Would now have to answer to 23 Congressional committees and subcommittees
  - No organic legislation to support operations
  - No clear support during appropriations process

#### John Macy



- First FEMA Director
- Tasked with unifying an organization both physically and philosophically separated
- Emphasized the similarities between natural hazards preparedness and civil defense by developing the Integrated Emergency Management System (IEMS)
  - All hazards approach

#### 1980s: FEMA—The Early Years

- FEMA dept.'s continued to operate as individual entities
- No significant natural disasters to bring attention to FEMA's lack of cohesion

#### 1980s: Civil Defense Reappears as Nuclear Attack Planning

- 1982 Louis Giuffrida named FEMA Director
  - Top priority was placed on government preparedness for a nuclear attack
  - Agency resources realigned to enhance and elevate National Security
  - States saw funding and authority decline
  - Investigations lead to resignation

#### 1989-1992: An Agency in Trouble

- FEMA suffered from morale problems, disparate leadership and conflicts with its partners at state and local levels
- Several natural disasters began to expose FEMA's weaknesses
  - 1989: Hurricane Hugo (NC,SC) FEMA slow to respond
  - 1989: Loma Prieta Earthquake (CA) FEMA not prepared to respond, but state and local agencies were




#### 1989-1992: An Agency in **Trouble**

- 1992: Hurricanes Andrew (FL, LA) and Iniki (HI) FEMA not ready; neither were state agencies
  - Failures became widely publicized
- Calls were made to abolish the agency altogether
- Investigations revealed need for major reforms

#### 1993-2001: The Witt Revolution -**Open Communication**

- Pres. Clinton appointed James Lee Witt to head **FEMA** 
  - First FEMA director with prior EM experience
- Witt initiated sweeping reforms
  - Reached out to employees
  - Implemented customer service training
  - Reorganized to reduce "stovepipes"
  - Utilized new technologies re: delivery of disaster
  - Strengthened partnerships with state/local agencies
  - Built new relationships with Congress

#### 1993-2001: The Witt Revolution (cont.'d)

- FEMA/State/Local agencies faced variety of natural hazards
  - Tornadoes/Hurricanes
  - Ice storms
  - Drought
  - Floods
  - Wildfires
- Clinton elevated the position of FEMA Director to the Presidential Cabinet

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# 1993-2001: The Witt Revolution (cont.'d) - Terrorism prompts New Phase of FM

- 1993 WTC bombing and 1995 OK City bombing prompted a raised awareness of and exposed problems of terrorism preparedness
  - Nunn-Lugar legislation of 1995 left open the question of which agency would be lead in terrorism
  - Inter-agency squabbles following OK City bombing
- FEMA failed to step up and take lead despite its "all hazards" approach to EM
- FEMA also did not have the needed resources and technologies to deal with terrorism issues

#### 1993-2001: The Witt Revolution (cont.'d)

- FEMA and others moved to improve disaster mitigation
  - FEMA launched Project Impact: Building Disaster Resistant Communities
  - FEMA emulated around the world
  - Private-sector and business continuity programs were flourishing
  - EM became more professionalized

# 2001: Terrorism Becomes Major Focus

- Before 2001, several agencies had counterterrorism and terror preparedness functions, and all jockeyed for leadership
  - Caused agencies to pursue their own agendas
- Inefficiencies exposed in 1999 TOPOFF exercise
- 2001: Pres. Bush nominated Joe Allbaugh to head FEMA
  - Allbaugh recreated the Office of National Preparedness (to focus on terrorism)



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# 2001: Terrorism Becomes Major Focus September 11th terror attacks led to the reconsideration of all aspects of EM in the U.S. 2001-04: The Creation of the Dept. of Homeland Security (DHS) Sep. 2001: President Bush created the Office of Homeland Security

# 2001-04: The Creation of the Dept. of Homeland Security (DHS) DHS mission: Protect US from further attacks Reduce US vulnerability to terrorism Minimize damage from potential terrorist attacks and natural disasters

Gov. Tom Ridge sworn in

Criticized for its small staff and budget
 Mar. 2002: Bush signed HSPD-3
 Created the HS Advisory System
 Nov. 25, 2002: Homeland Security Act of

Created Dept. of Homeland Security (DHS)

## 2001-04: The Creation of the Dept. of Homeland Security (DHS)

- Jan. 24, 2003: DHS officially opened its doors
  - Largest federal reorganization since DOD
  - Combined:
    - 179,000 federal employees
    - 22 existing agencies
- Mar. 1, 2003: Absorbed agencies begin move to DHS
- Nov. 30, 2004: Ridge left, Michael Chertoff begins



## Hurricane Katrina and Its Aftermath: 2005-2006

- DHS was criticized during its first few years for focusing on terrorism and not on an "all hazards approach"
- Aug. 2005: Hurricane Katrina hits LA, MS, and AL
  - 1,836 killed
  - 705 missing
  - \$81.2 billion in damage (2008 dollars)

# Hurricane Katrina and Its

 The failed response to the disaster exposed the weaknesses of the EM System at all levels

Aftermath: 2005-2006 (cont.)

Recovery effort equally plagued with problems

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# Hurricane Katrina and Its Aftermath: 2005-2006 (cont.)

- Prompted the Post Katrina Emergency Reform Act. 4 Oct. 2006
  - Reconfigured DHS leadership hierarchy
  - Returned many functions back to FEMA
  - FEMA returned to independent agency status

# The Future - 2008 and Beyond

- DHS charged with expanding the nation's EM system
- Billions of dollars going towards funding improvements in first-response capabilities
   State and local level
- Hurricane Katrina showed that the shift in focus towards terrorism, away from all-hazards approach had a negative impact on mitigation and preparedness for natural hazards
- EM skill base still expanding and improving