BUILDING COMMUNITY RESILIENCE
Adapting to the new normal

Presented By:
Andrew Velasquez III
Regional Administrator
DHS / FEMA Region V

August 21, 2013
Adapting To The New Normal
44 Disasters in 2013 - 5 in Region V
It Takes a Team and a Plan
FEMA’s Mission

“The primary mission of the Agency is to reduce the loss of life and property and protect the nation from all hazards, including natural disasters, acts of terrorism, and other man-made disasters, by leading and supporting the Nation in a risk-based, comprehensive emergency management system of preparedness, protection, response, recovery, and mitigation”

The Homeland Security Act of 2002
Defining Preparedness

Presidential Policy Directive 8
The National Preparedness System

Goal - Strengthening the security and resilience of the U.S. through preparation for the threats that pose the greatest risk to the security of the nation

Components:
- National Preparedness Goal
- National Preparedness Report
- A series of National Frameworks

www.DHS.gov/presidential-policy-directive-8-national-preparedness
Defining Preparedness

Supporting the National Preparedness System, DHS will:

- Create a robust national response capacity based on cross-jurisdictional and readily deployable state and local assets
- Continue development of catastrophic plans
- Employs the whole community approach
- Uses a risk-based approach to support preparedness
- Builds core capabilities
# Core Capabilities List

<table>
<thead>
<tr>
<th>PREVENT</th>
<th>PROTECT</th>
<th>MITIGATE</th>
<th>RESPOND</th>
<th>RECOVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Information and Warning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operational Coordination</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forensics and Attribution</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intelligence and Information Sharing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interdiction and Disruption</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screening, Search and Detection</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Planning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Information and Warning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operational Coordination</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Access Control and Identity Verification</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cybersecurity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intelligence and Information Sharing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interdiction and Disruption</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Protective Measures</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Risk Management for Protection Programs and Activities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screening, Search and Detection</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supply Chain Integrity and Security</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Planning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Information and Warning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operational Coordination</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Community Resilience</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long-Term Vulnerability Reduction</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Risk and Disaster Resilience Assessment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Threats and Hazard Identification</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Planning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Information and Warning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operational Coordination</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Critical Transportation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Response / Health and Safety</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fatality Management Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Infrastructure Systems</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mass Care Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mass Search and Rescue Operations</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>On-Scene Security and Protection</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operational Communications</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public and Private Services and Resources</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Health and Medical Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Situational Assessment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Planning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Information and Warning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operational Coordination</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economic Recovery</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health and Social Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Housing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Infrastructure Systems</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural and Cultural Resources</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Core Capabilities and Task List

RESPOND
Planning
Public Information and Warning
Operational Coordination
Critical Transportation
Environmental Response / Health and Safety
Fatality Management Services
Infrastructure Systems
Mass Care Services
Mass Search and Rescue Operations
On-Scene Security and Protection
Operational Communications
Public and Private Services and Resources
Public Health and Medical Services
Situational Assessment

TASKS

Public Information and Warning:
1. Inform all affected segments of critical lifesaving and life-sustaining information to expedite the delivery of emergency services, and aid the public to take protective actions.
2. Deliver credible messages to inform ongoing emergency services and the public about protective measures and other life-sustaining actions and facilitate the transition to recovery.

RECOVER
Planning
Public Information and Warning
Operational Coordination
Economic Recovery
Health and Social Services
Housing
Infrastructure Systems
Natural and Cultural Resources

• Mission area in RED
• Core capabilities in BLACK
• Tasks in BLUE
  • Some tasks common to multiple missions
  • Some tasks stand alone
Strategic Foresight Initiative

- Collaborative effort by the emergency management community
- Research viewed how the world might look over the next 15 years
- Understanding how emergency managers and communities may have to adapt to change
Trends and Implications

• Research focused on long-term effects of the following nine strategic drivers:
  • Changing role of the individual
  • Climate change
  • Critical infrastructure
  • Evolving terrorist threat
  • Global interdependencies
  • Government budgets
  • Technology development and dependency
  • Universal access to and use of information
  • U.S. Demographic shifts
Changing Role of the Individual

3 Themes

• Increased empowerment of the individual
  
  • Advances in technology have broadened individuals access to information as well as providing a forum for spreading their views

• New communications challenges
  
  • Traditional sources of information are not viewed as the sole source, even in the area of crisis management
Changing Role of the Individual

3 Themes

• Changing definition of community
  • Personal communications technology allows individuals to participate in “virtual communities” across the world rather than participate in traditional communities
Role of Critical Infrastructure

- 85% of the nation’s critical infrastructure is owned by the private sector
  - Some infrastructure is nearing the end of its lifecycle and will require investment to prevent a crisis
  - Aging infrastructure can hamper response and recovery efforts by delaying responders
  - Loss of a sector could have far reaching primary and cascading effects
Evolving Terrorist Threat

- Evolution of the terrorist threat and the related security environment - a major future driver
  - Dispersion of technology and scientific knowledge will increase access to high consequence weapons
  - Terrorist organizations are adaptive
  - Increase in self-radicalization
  - Technology supports recruitment and messaging
Dependence on Technology

Impact on public information and warning

- **Warning**
  - Multiple paths and systems
  - Do people understand the message?
  - What about those who don’t have access?

- **Public Information**
  - Ensuring the message reaches the target audience
  - People seek affirmation / validation
Access to and use of Information

- Explosion of social media and personnel communications technology
  - Increase real-time access and delivery of information
  - Spontaneous reporting by persons in or near an incident scene
  - Everyone is a producer and consumer of information
  - Information legitimacy must be constantly questioned and verified.
Population Shift

U.S. demographics

- Population will grow 42% by 2050
- Increasing along the nation’s coastlines (urban sprawl)
- Shifting away from other larger (older) cities
- Significant increase in elderly population
- Becoming more racially and ethnically diverse
Population Shift

Challenges

• Elderly population
  • Many fit and mobile
    • Potential resource due to knowledge and experience
  • Many also have unique medical and care needs
    • May require medical staff, equipment and supplies
  • Racial and ethnic diversity
    • Language barrier
    • May not seek help in an emergency
RESPOND

Public Information and Warning:
1. Inform all affected segments of critical lifesaving and life-sustaining information to expedite the delivery of emergency services, and aid the public to take protective actions.
2. Deliver credible messages to inform ongoing emergency services and the public about protective measures and other life-sustaining actions and facilitate the transition to recovery.

ONE OR MORE SFI DRIVERS IMPACT CORE CAPABILITIES AND TASKS
- Technology Dependency
- Universal Access to Information
- U.S. Demographic Shifts

RECOVER

Public Information and Warning
What You Can Do

- Preparing your business
  - On-going corporate & company policy and emergency planning effort
- Continuity of operations
  - Leadership and records
- Critical systems and their redundancy
  - Operational capabilities
- Supply chain management
- Workforce
  - Staffing in depth
  - Prepared for duty
Parsons Manufacturing

Preparedness Success Story
What You Can Do

- Become part of the Whole Community effort
- Meet with and coordinate efforts with the local / county emergency management agency
- Determine how your program supports the core capabilities
- Provide input to local planning and preparedness efforts
- Become part of the local emergency planning effort
What We Are Doing to Help

- Sharing the preparedness and resilience message
- Private sector liaison on the Regional Response Team
- Preparing the next generation emergency manager (NEXGEN-EM)
- Building coalitions across multiple disciplines
- Implement SFI driver assessment in planning
What We Can Do Together

• Building Partnerships
• Emergency Planning
  • Inadequate input leads to bad assumptions
  • Bad assumptions create faulty plans
  • Help us better understand your threats and challenges
What We Can Do Together

• Building Partnerships
  • Network with organizations with similar interests
    • Commerce Associations and Community groups
    • Faith based organizations
  • Educate the community

• Community Outreach
  • Community Preparedness Program
  • Faith Based and Private Sector Stakeholder outreach
Our Mission and Commitment

To support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from and mitigate all hazards.