

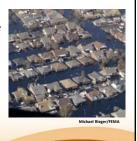
### **Learning Objectives**

- Discuss each component of the PRE-DISASTER Paradigm™ as it pertains to all-hazards disaster preparedness.
- Discuss each component of the DISASTER Paradigm™ as it pertains to all-hazards disaster response and recovery.
- Discuss health-related aspects of all-hazards disaster preparedness, including risk analysis, population vulnerability assessment, health system surge planning, and legal and ethical considerations.
- Describe principles for all-hazards disaster response and recovery with attention to situational awareness, incident management, health care facility surge management, continuity of operations, and after-action review.

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### Background

- Over 200 million disaster deaths occurred worldwide in the last century
- Health professionals play a critical role in disasters
- All-hazards principles and practices are important



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### What is a disaster?

"An event and its consequences that result in a serious disruption of the functioning of a third munity recause widespread human, material economic convironmental losses met exceed the apacity of the affected area to appoin with a texternal assistance to save lives deserve processory, and maintain the stability and integrity of the affected area."

Categories of Disaster

Human
Systems Failure

War and
Conflict

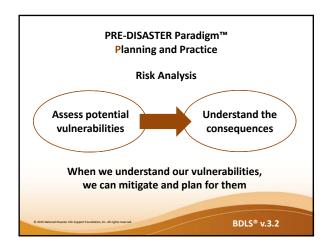
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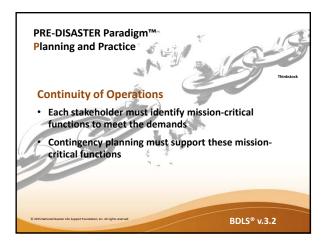
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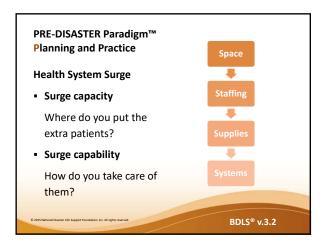
### All-Hazards Preparedness A uniform approach to prepare and respond to any given hazard or event that may affect the community regardless of cause... ... to do the greatest good for the greatest number of potential survivors Thinkstock DDLS® v.3.2

### The PRE-DISASTER Paradigm™ Planning and Practice Resilience Education and Training

## PRE-DISASTER Paradigm™ Planning and Practice At-risk populations Identify stakeholders Develop a valid plan Training and education/ exercise and drills Plan review and revision Agros Sadrini/FEMA BDLS® v.3.2

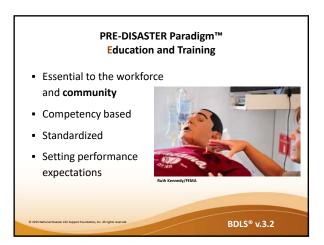


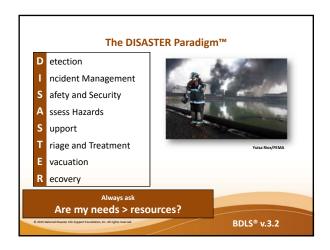


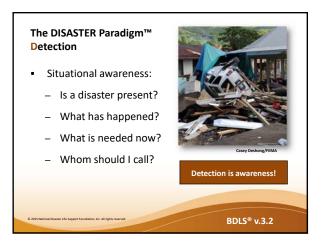


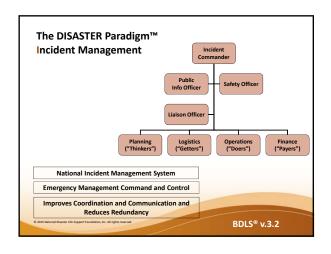
# PRE-DISASTER Paradigm™ Planning and Practice Plans must follow legal and ethical principles Plans are guided by acceptable scientific and medical practice Plans must aid decision making









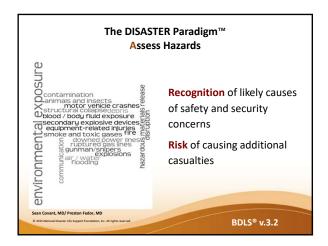


The DISASTER Paradigm™ Incident Management	
Blissa Jun/FEMA Make effective use of technology	Communication is challenging:  - Establish plans and protocols  - Establish key relationships  - Understand the equipment  - Drill and exercise
Information Sharing  Effective = Timely + Accurate	
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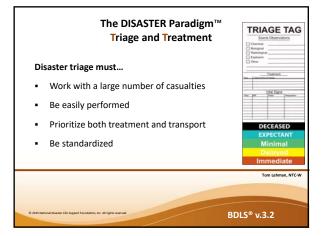
### The DISASTER Paradigm™ Incident Management • Educate and inform the community • Reduce fear and panic • Guide and direct • Controlled message Risk communication is important and vital

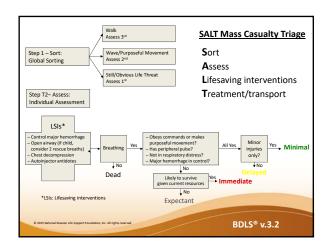
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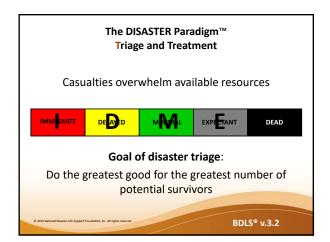
### The DISASTER Paradigm™ Safety and Security Priorities: 1st — Self and team 2nd — Uninjured public 3rd — Casualties 4th — Environment Action steps: mitigate a dangerous or threatening situation



# The DISASTER Paradigm<sup>TM</sup> Support Support is logistics: What do I have? What is needed? Where is it? When will it arrive? What if it is unavailable?









### **Special Considerations**

- Unique or special medical needs populations
  - Age: Including the very young and the very old
  - Functional or access needs secondary to motor, sensory and cognitive limitations
- Unique social situations
  - Cultural, religious, or ethnic communities
  - Language usage
  - Rural or isolated communities

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### The DISASTER Paradigm™ Evacuation



- Relocation due to disaster
- Getting affected to safety
- Transportation methods

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### PRE-DISASTER Paradigm™

Recovery

### Following disaster, community needs:

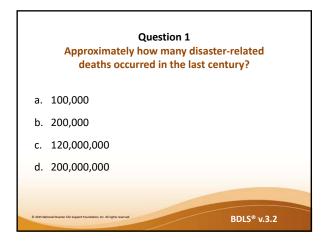
- 1. Relief
- 2. Rehabilitation
- 3. Restoration

Leo Anderson and Steve Summast/FEMA

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### Question 2 Which of the following is NOT a category of disasters? a. Human systems failure b. Natural c. War and conflict d. Drowning e. All are disaster categories

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### Question 3

Which of the following does the "P" in the PRE-DISASTER Paradigm™ represent?

- a. Planning and preparation
- b. Planning and priorities
- c. Planning and practice
- d. Planning and participation

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### **Lesson Summary**

- A standardized, competency-based approach to disaster training and education is important
- Utilizing an all-hazards disaster approach is important to planning and preparation
- The PRE-DISASTER Paradigm™ and DISASTER Paradigm™ are helpful learning and organizational tools

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