

After The Storm: Our Next Challenge

**Satellite Conference and Live Webcast
Wednesday, October 26 , 2011
2:00-3:30 p.m. Central Time**

**Produced by the Alabama Department of Public Health
Video Communications and Distance Learning Division**

Faculty

**Karen M. Landers, MD, FAAP
Assistant State Health Officer
Pediatrics Consultant
Alabama Department of Public Health**

Disaster Can Strike Any Time

- April 27, 2011
- Gulf oil spill, 2010
- H1N1, 2009
- Hurricane Gustav, 2008
- Enterprise tornado, 2007
- Hurricane Katrina, 2005
- Hurricane Ivan, 2004

Disaster Can Strike Any Time

- September 11, 2001
- And a host of other threats including CBRNE, flooding, earthquakes, man made disasters



ADPH Center for Emergency Preparedness

- Coordinates Alabama's health, medical, and social services in the event of public health threats and emergencies



Medical Assets for Emergency Preparedness

- Mobile medical asset
 - Mobile medical tents
- PI supplies
- Satellite communication systems
- Water purification systems
- SMART

Medical Assets for Emergency Preparedness

- Strategic national stockpile
- Chempacks
- Other supplies
 - Cots, IV poles



Bus Conversion Kits

Water Purification Units

Responder
60 gal/hr

Recycler
2400 gal/hr

Outpost
720 gal/hr



Responsibilities of The ADPH ESF-8

- **Emergency Support Function 8**
 - Includes all medical aspects of an emergency response
- ADPH is the lead agency in ESF 8 and the support agency for health care organizations that provide direct patient care



Local Preparedness

- All responses are local
- Eleven public health areas in Alabama
- Each public health area has an emergency preparedness team
- Each team coordinates with the Center for Emergency Preparedness along with local resources



Who Is Your Team?



Preparedness- All Hazards Approach

- As the concept of emergency preparedness has changed, so has the approach to planning
- All hazards concept allows for planning for common events in many kinds of disasters

Preparedness- All Hazards Approach

- Provides basic framework for planning, for example:
 - Emergency warning
 - Mass evacuation covered in general plan
- Plans are adaptable for circumstances



Alphabet Soup of Emergency Preparedness

- ALERT - Alabama Emergency Response Technology
- SHARE - Stakeholders Help, Advice, and Recommendation Exchange
- AIMS - Alabama Incident Management System
- PI - Pandemic Influenza

Alphabet Soup of Emergency Preparedness

- MMRS - Metropolitan Medical Response System
- CRI - Cities Readiness Initiative
- NEDSS - National Electronic Disease Surveillance System
- LCMS - Learning Content Management System

Disasters and You: Professional and Personal Preparation

- Contact your public health EP teams
- Visit ADPH website for information and links
- View emergency preparedness information and templates

Disasters and You: Professional and Personal Preparation

- Attend training sessions in your community
- Enhance your knowledge base by attending courses including disaster training information
- Become part of your state's volunteer network



Some Immediate Concerns After Disasters

- Damage to structures and homes
 - Safety to occupy and/or clean up
- Disruption of utilities
 - Power, water, waste water
- Disruption of travel routes
- Disruption of fuel supply

Some Immediate Concerns After Disasters

- Disruption of food supply
- Disruption of medical care
- Dependence on emergency supplies
- Ability of local agencies to respond to increased needs/demands for services

Professional Responsibilities of ADPH in the Aftermath of Disasters

- Provide medical support if needed for triage
- Medical needs shelters if required
- Coordinate with responsible agencies on mass care shelters

Professional Responsibilities of ADPH in the Aftermath of Disasters

- Provide environmental support for food/water waste safety/vector control
- Disperse information to the public about health and environmental safety

Citizens' Priorities for Preparedness

- Family/safety/security
- Shelter
- Power
- Drinking water
- Food
- Medications
- Ice

Personal Preparedness

- Take measures to be ready before the disaster strikes
 - Get 10 campaign
 - Water
 - Food
 - Can opener
 - Medications
 - First aid

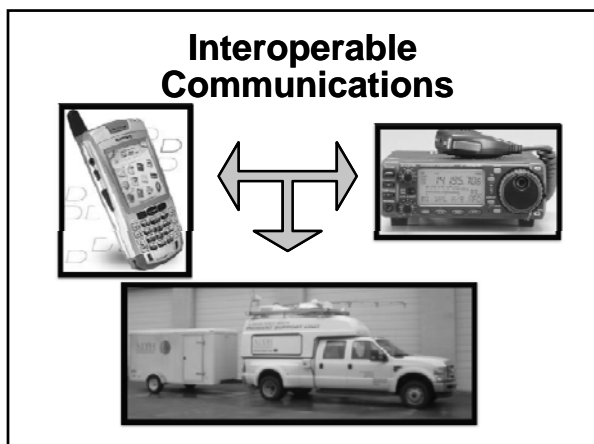
Personal Preparedness

- Flashlight
- Radio
- Clothes
- Personal care items
- Important documents



When The Disaster Strikes, We Have To Communicate

- Systems of communication for disasters
 - National Incident Management System - NIMS
 - Incident Command System - ICS



- In The Eye of The Storm, We Have To Hold Hands and Stick Together**
- ADPH
 - EMA
 - EMS
 - Fire
 - Police
 - Hospitals/healthcare providers/long term care

- In The Eye of The Storm, We Have To Hold Hands and Stick Together**
- Mental Health
 - DHR
 - Education
 - Industry/business/public service companies
 - Faith based
 - Other



- Recovery – Will It Ever Come?**
- Recovery has to start immediately
 - Requires information gathering during the crisis and attention to accurate information
 - Compile reports while the disaster is still fresh

- Lessons Learned**
- Planning and preparedness for other disasters served us well on and after April 27, 2011
 - Communication systems were the most significant problems
 - Use of volunteer registry and training made a difference
 - www.servealabama.gov

Resources for Disaster Planning

- www.adph.org
- www.aap.org/disasters
- www.cdc.gov
- www.fema.gov
- www.ready.gov
- www.servealabama.gov
- www.ndlsf.org
- www.ahls.org

Tributes



**Kim Wooten, RN
Franklin County Health Dept
Clinic Supervisor**

Wrangler Plant – Hackleburg, Alabama



Photographs courtesy of Faith Landers