



**Stephanie
Rawlings-Blake
Mayor**

CITY OF BALTIMORE

LEPC

**LOCAL EMERGENCY
PLANNING COMMITTEE**



**Robert Maloney
Deputy Chief**

**Monday, February 25, 2013
8:00 AM – 12:00 PM**

**Morgan State University
Student Center Room 210**

**1700 E. Cold Spring Lane,
Baltimore, MD 21251**

LEPC Meeting Highlights

8:15 – 8:25 Welcome

- Call to Order
 - Welcoming Remarks
 - Adoption of Prior Meeting Minutes
 - Announcements
-
- 8:25 – 8:40 Regional Threat and Hazard Identification and Risk Assessment (THIRA) and Capability Estimation

LEPC Meeting Highlights

- 9:20 – 9:40 – Visible Intermodal Prevention and Response (VIPER)
- 10:00 – 10:15 Break
- 10:15 – 11:45 Facility Preparedness and Response for Active Shooters



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Threat and Hazard Identification and Risk Assessment (THIRA) and Capability Estimation



Presentation of the

Baltimore UASI

Cal Bowman, Chair
Baltimore Urban Area Working Group

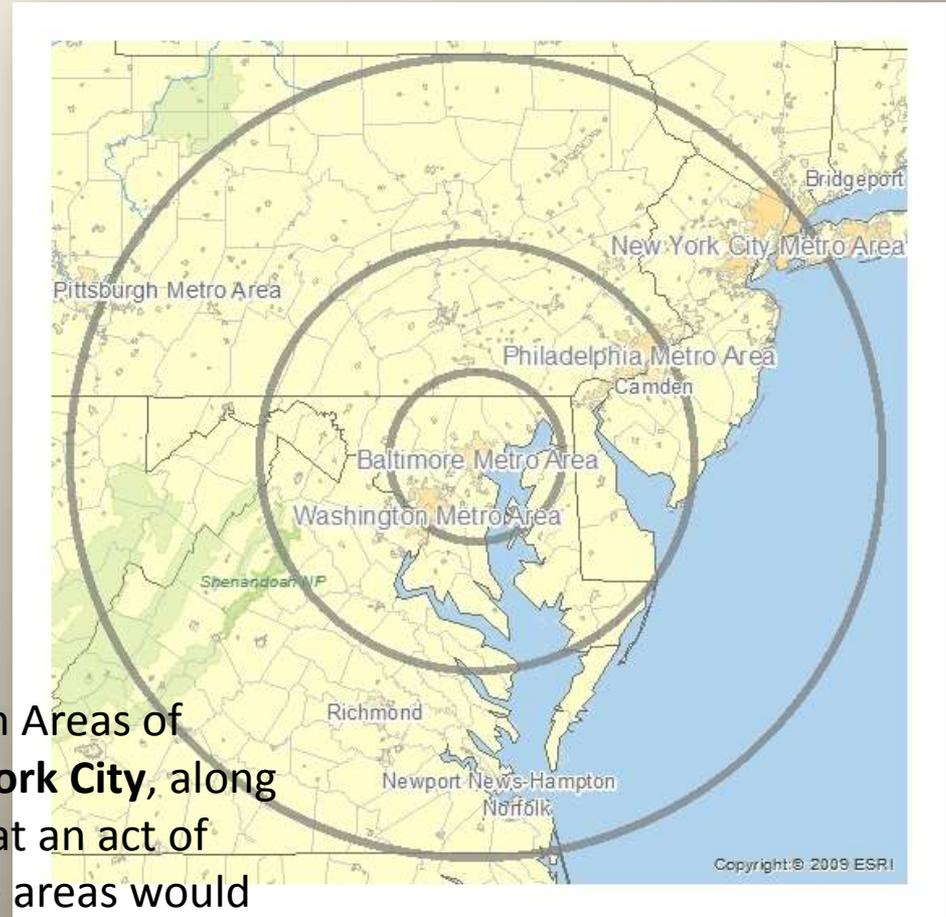
February 25, 2013
LEPC



Baltimore UASI – Regional Profile

- 2.5 million residents
- Baltimore City
- City of Annapolis
- Anne Arundel County
- Baltimore County
- Carroll County
- Harford County
- Howard County.

- From 1990 to 2000 the region's population increased by 7%.



Centrally located between the critical Urban Areas of **Washington, D.C., Philadelphia, and New York City**, along Interstate 95, which makes it more likely that an act of terrorism or natural disaster in one of these areas would significantly harm, disrupt, or otherwise affect our region.



Baltimore UASI - Threats & Risks

Maryland's risk from natural or man-made disaster is derived from the unique interplay of the state's weather, economy, demographics, and geography.

•**Non-Natural Hazards** – Deliberate acts of terrorists. National Security Agency to the Port of Baltimore and Baltimore/Washington International Airport.

Maryland's role as a **major air, land and sea transportation hub** also brings with it concomitant responsibilities to track hazardous cargoes and respond decisively in event of an incident involving in transit hazardous materials.

•**Natural Hazards** - Maryland's most significant natural risk is the landfall of a **hurricane** on its shores. The risk of harm from storms and **flooding** is significant because Maryland's shorelines are densely populated and particularly susceptible to tidal surges and inland flooding due to their limited elevation and the funneling effect of the Chesapeake Bay.

•**Technological Hazards** – Technological hazards for Maryland are both diverse and challenging. Of note is the presence of several **nuclear power plants** within and outside state borders and a **major liquid natural gas terminal**.





Baltimore UASI - Threats & Risks

The Threat and Hazard Identification and Risk Assessment Process

The Threat and Hazard Identification and Risk Assessment (THIRA) was conducted in accordance with federal guidance. Over 80 stakeholders participated in the October 2012 workshop process.

Threats and Hazards of Concern:

- The IED threat was combined with cyber-attack.
- The **Hurricane** Hazard, including many other natural hazards such as **wind, flooding, and tornados.**
- The **Winter Weather** hazards including snow and ice.

Other threats and hazards of concern included:

- Transportation (**Chemical spill**)
- Pandemic Influenza**
- Cyber Attack**
- School Attack/Active Shooter**
- Attack at Large Regional Event**

Recent incidents in the Baltimore UASI region:

- Earthquake (5.8 magnitude) – August 23, 2011
- Active Shooter (Student in High school) – August 27, 2012
- Active Shooter (Johns Hopkins Hospital) – September 16, 2010
- Hurricanes – Isabel, 2003; Irene, 2011; Sandy, 2012
- Derecho – June, 2012
- Tornado – November 16, 2010
- Blizzard/Winter Storm – February, 2010 (multiple)
- Man-made threats – (Law Enforcement sensitive)

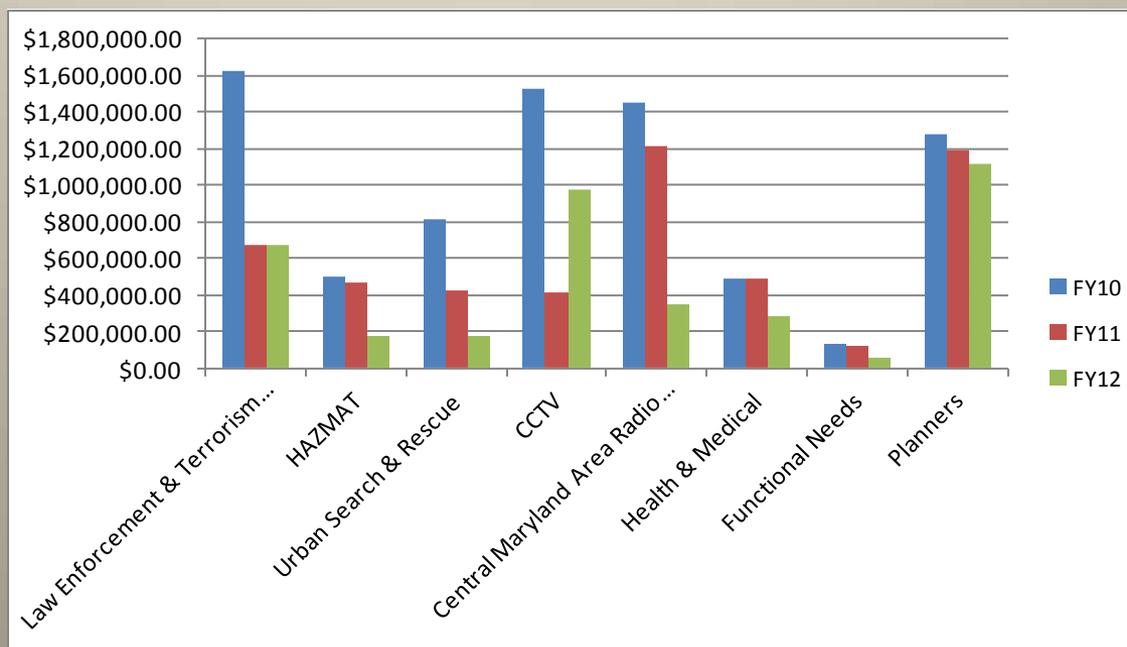




Baltimore UASI – Investments

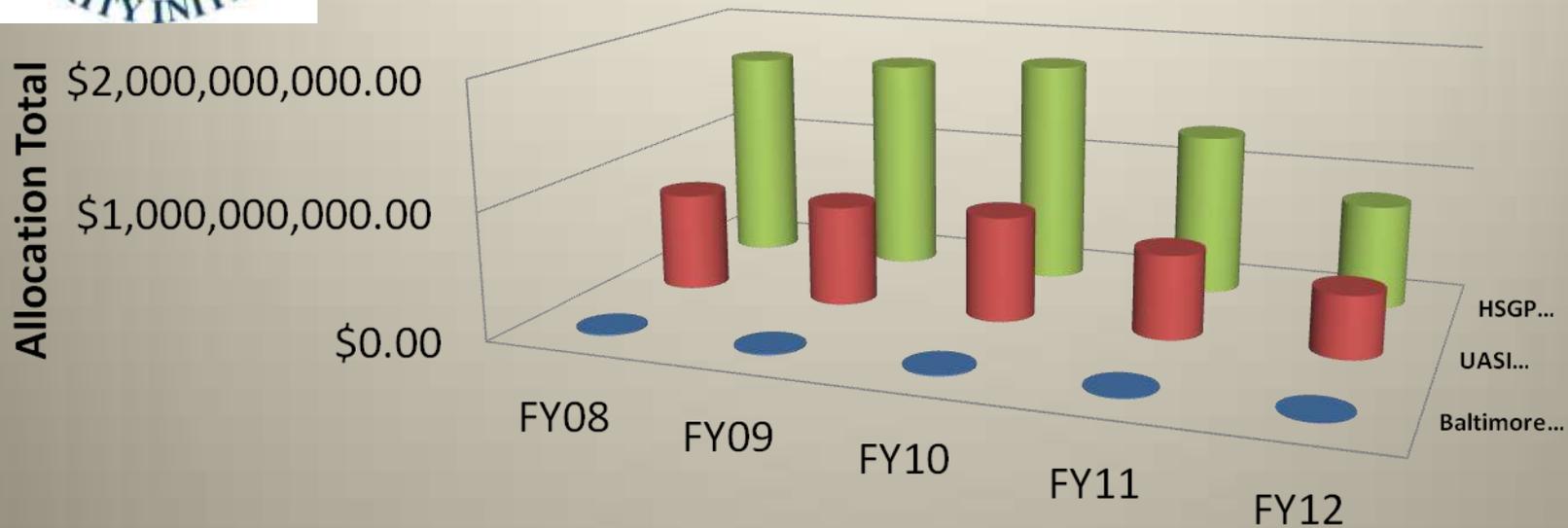
The Baltimore UASI has made significant investments in the areas of Law Enforcement, Terrorism Prevention Activities, HAZMAT, Urban Search and Rescue, Closed Circuit TV, Communications Interoperability, Public Health, and Planning.

The UASI has identified many accomplishments in building capabilities through UASI funding but also identified significant gaps that remain and requirements for maintaining current capabilities. The chart below shows UASI investments by mission area.





Baltimore UASI – Funding



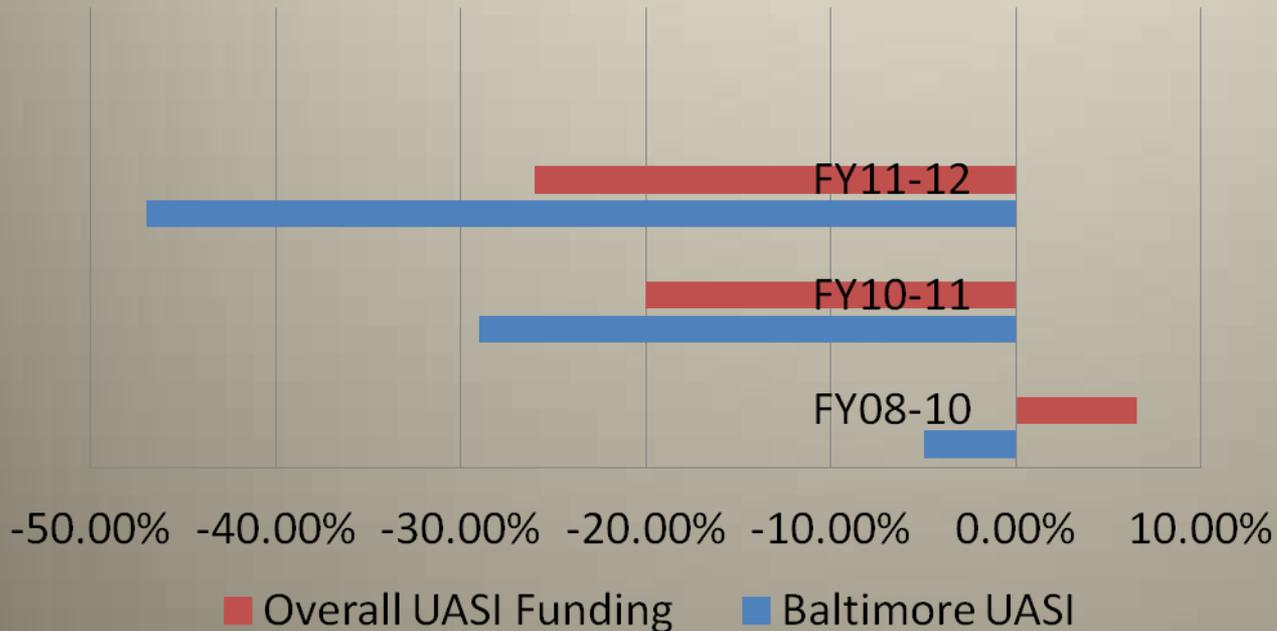
	FY08	FY09	FY10	FY11	FY12
Baltimore UASI Allocation	\$11,552,500.00	\$10,975,050.00	\$10,975,050.00	\$7,813,444.00	\$4,116,111.00
UASI Allocation	\$781,000,000.00	\$798,000,000.00	\$832,000,000.00	\$662,000,000.00	\$490,376,000.00
HSGP Allocation	\$1,698,959,000.00	\$1,714,300,154.00	\$1,786,359,956.00	\$1,289,296,132.00	\$830,976,000.00



Baltimore UASI – Disproportionate Cuts

Since FY08, the Baltimore region has experienced cuts to our UASI grant allocations **inconsistent** with the decrease in Federal funding levels. However, our risk has not decreased in this time period. Further, given our geographic location between the largest urban area's (Washington, Philadelphia, and New York), it remains **critical** that the Baltimore UASI **build capability** levels able to respond to mutual aid requests from regions outside of our footprint.

Funding Cuts by Fiscal Year





Baltimore UASI – Capability Estimation & Gap Analysis

The Baltimore UASI is the only region in the county that is piloting a Capability Estimation with the Federal Emergency Management Agency. The pilot will benefit us in a few ways. First and foremost, in a period of dwindling funds, we need to account for what resources we have and what resources we need to focus our remaining dollars on either sustaining or acquiring and building. Second, while future year grant guidance has not been finalized, future grant proposals may call for a competitive pool of funding that favors national and regional deployable resources and assets. By participating in the pilot, we should be well positioned if and when the consolidation of grant funding comes to fruition. This information will also help inform the next update of our UASI Strategy which we hope to finalize by the first quarter of 2013. Finally, the pilot gives us an opportunity to validate a process for FEMA and the rest of the nation.





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Chairman, Baltimore UASI
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Government Report

Incidents



Tony Smith, MOEM





GAS
VENTING
SALIDA De
GAS

Man in white shirt and dark pants standing on the right side of the road.













1500 Marriott St.
Dwelling Fire

2524 Wilkens Ave
Building Fire

York Rd and Cold Spring
Extreme Flooding
Due to Storms

183 south and Cold Spring
Extreme Flooding
Due to Storms

1200 Block Battery Ave
Dwelling Fire

400 Block Kenwood Ave
Sanitary Line Break

400 Block Kenwood Ave
Sanitary Line Break



FIRE DEPARTMENT

Truck 10

BALTIMORE CITY CO.

Maryland Ave / 21st Street
Water Main Break

Guilford Ave / Madison Ave
Water Main Break

1100 Block Ashland Ct
Hazmat Incident

1010 West Baltimore

Building Fire

Elderly High-rise

2449 Shirley Ave
Building Fire

2900 Block Woodland Ave
Building Fire

1000 Block Hull Street

Hazmat Taskforce

601 Pennsylvania Ave
4 Alarm Building Fire

601 Pennsylvania Ave
4 Alarm Building Fire

Questions?

- Email:

Richard.Williams@baltimorecity.gov

Training and Exercises

Connor Scott

Director of Training, Exercises, and Special Projects

MOEM

Upcoming Training Events

March 5-7, 2013

Multi-Hazard Emergency Planning for
Schools

March 7, 2013

Emergency Planning for Campus
Executives

March 12-14, 2013

Homeland Security Planning for Local
Government

Upcoming Training Events

March 19, 2013

Volunteer Management

March 19-21, 2013

Emergency Management Operations
Course for Local Governments

March 25-26, 2013

EOC Management and Operations

March 27, 2013

ICS/EOC Interface

Upcoming Training Events

April 23, 2013

Social Media for Disaster Response and
recovery

August 27 & 28, 2013

Sports and Special Events Incident
Management

ICS 300 and ICS 400

Week of June 3, 2013

ICS 300

Week of July 8, 2013

ICS 400

Week of July 15, 2013

ICS 300

Week of August 12, 2013

ICS 400

National Incident Management System (NIMS)

ICS/NIMS Training Pyramid

Learning Objectives

- Area Command Functions
- Multi-Agency Coordination
- Leadership

•Tactical Level Management

- Crew Supervision
- Initial Management

Basic
Awareness

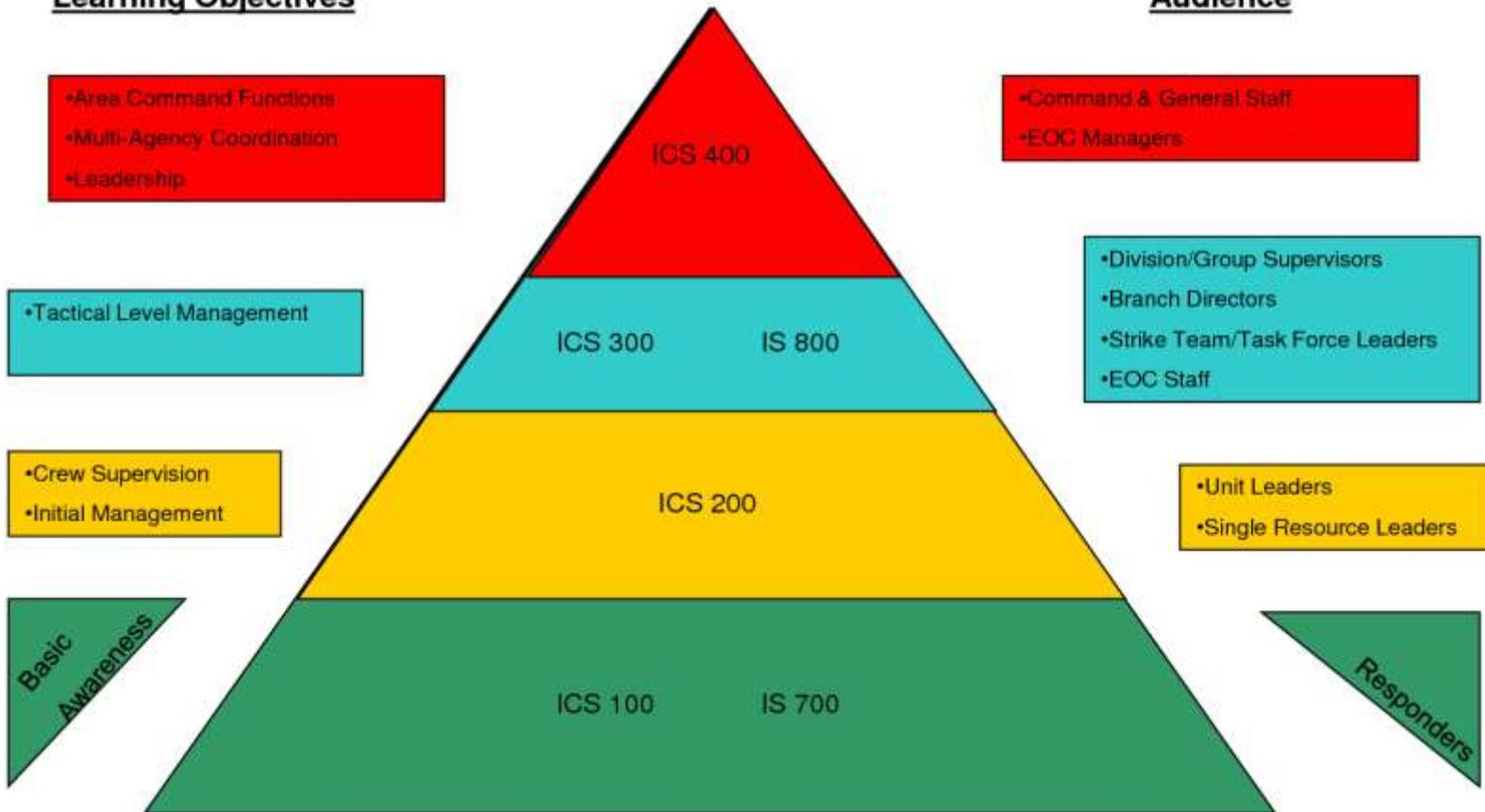
Audience

- Command & General Staff
- EOC Managers

- Division/Group Supervisors
- Branch Directors
- Strike Team/Task Force Leaders
- EOC Staff

- Unit Leaders
- Single Resource Leaders

Responders



Regional Catastrophic Preparedness Grant Program

Monday 3/18, 2013

Catastrophic Preparedness
Seminar

April/May, 2013

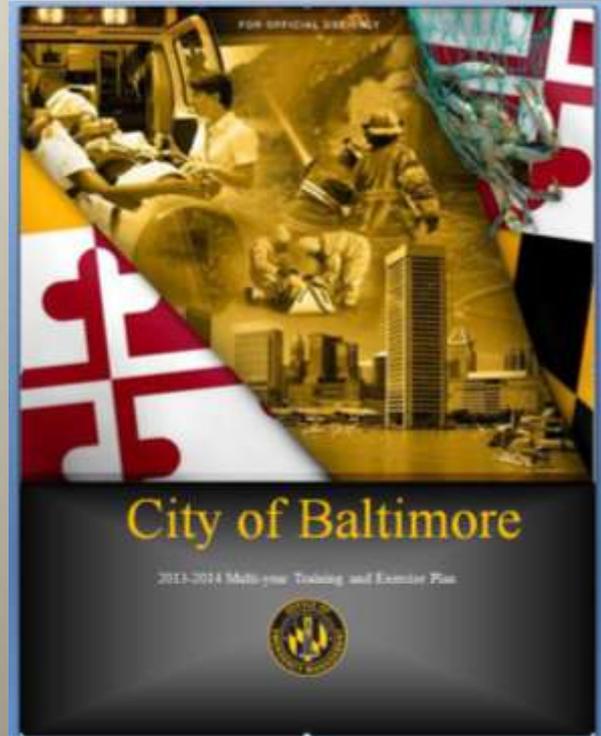
Catastrophic Preparedness
Tabletop Exercise



Multi-Year Training & Exercise Plan

Multi-Year Training & Exercise Plan

- Readiness: Training ID Course
- Central Maryland Training & Exercise Workshop
- Training and Exercise Plan Draft
- Survey for stakeholder input
- Final Training and Exercise Plan
- Individual Training Plans



Upcoming Exercises

- Social Media Drill – February 27th 2013
- Stadium Incident TTX – March 13th 2013
- BGE LNG Incident TTX – May 6th, 2013

Upcoming Conferences

- 2013 Emergency Preparedness and Hazmat Conference
 - Baltimore Renaissance Harborplace, October 13-17
- Secured Cities 2013
 - Urban Security and Municipal Surveillance, Nov 14-15
 - <http://securedcities.com/>

Hurricane Sandy

Incident Management Assistance Team (IMAT)

Emergency Management Assistance Compact (EMAC)

Mission Ready Packages:

- EOC support
- Mobile Command
- Communications
- Amateur radio
- Donations Mgmt.
- Shelter Mgmt.
- Logistics



Public Information and Warning

- Social Media
- IPAWS
- E-mail and text messages
- SmartPhone App

The screenshot displays the website for the Mayor's Office of Emergency Management (MOEM) of the City of Baltimore. The navigation bar at the top includes links for HOME, PUBLIC INFORMATION, PROGRAMS, PREPAREDNESS, HAZARDS IN BALTIMORE, LEPC, and CONTACT US. The header identifies the Mayor's Office of Emergency Management, led by Stephanie Rawlings-Blake, Mayor, and Robert Maloney, Director.

The main content area features a search bar with the placeholder text "Keyword or Search" and a magnifying glass icon. Below the search bar, there are several promotional tiles:

- PREPARE FOR AN EMERGENCY**: A tile titled "Tips for Citizens and Businesses" featuring an image of a red first aid kit and a play button icon. A "Find Out More" link is provided below the image.
- CONNECT WITH US**: A tile containing social media icons for Facebook, Email, and Twitter.
- CERT**: A tile titled "Find a class !" with a photo of people in a classroom and a play button icon. A "Check out the Events Calendar" link is provided below the image.
- LEPC**: A tile titled "Attend our Next Meeting" with a photo of a meeting and a play button icon. A "Where to Find Us for Meetings" link is provided below the image.

On the right side of the page, there is a section titled "Sign up for E-mail and Text alerts from MOEM". It includes a "Home" link, social media icons, and a "Published: October 11, 2012" date. Below this, there is a "Published: October 9, 2012" date and a paragraph of text: "You can now sign up for e-mail and text message alerts from the Mayor's Office of Emergency Management, hosted by GovDelivery. Click on the red envelope on the left hand side of the page, or click this direct link. Subscribers can currently sign up for Press Releases and/or Preparedness Tips and Information."

Below the alert sign-up section is a yellow header for "EMERGENCY MEETINGS" with a white box below it stating "There are no items in this view."

The footer contains a "STAY CONNECTED" section with an "Email or Phone" input field and a "Go" button. To the right of the footer are links for "Privacy Policy | Terms of Use | Webmaster" and a copyright notice: "© Copyright City of Baltimore / Stephanie Rawlings-Blake, Mayor".

Emergency Operations Plan (EOP) Update

- EOP establishes policies and strategies that the City of Baltimore and its partners will use in response and recovery
- Follows national guidelines and best practices
- Guide/framework, not a protocol



CITY OF BALTIMORE
EMERGENCY OPERATIONS PLAN
JULY 2011

EOP

- Sets roles and responsibilities for government agencies as well as private partners
- Activated when an emergency exceeds the capacity of a single agency or is beyond the scope of normal operations
- Plans for all-hazards, based on Emergency Support Functions (ESF)
 - “building blocks” of disaster operations
- Additional annexes for events such as hurricanes

ESF

Table 1: Lead Agencies for Emergency Support Functions

Emergency Support Function	Lead Agency
ESF 1: Transportation	Department of Transportation
ESF 2: Communication	Mayor's Office of Information Technology
ESF 3: Public Works, Engineering, and Utilities	Department of Public Works
ESF 4: Firefighting	Baltimore City Fire Department
ESF 5: Information and Planning	Mayor's Office of Emergency Mgmt.
ESF 6: Sheltering and Mass Care	Department of Housing & Community Development
ESF 7: Resource Support	Mayor's Office of Emergency Mgmt.
ESF 8: Health and Medical	Baltimore City Health Dept
ESF 9: Search and Rescue	Mayor's Office of Emergency Mgmt.
ESF 10: Hazardous Materials Response	Baltimore City Fire Department
ESF 11: Public Information and Warning	Mayor's Office of Emergency Mgmt.
ESF 12: Energy	Department of General Services
ESF 13: Law Enforcement	Baltimore Police Department
ESF 14: Recovery	Mayor's Office of Emergency Mgmt.
ESF 15: Donations and Volunteer Management	Mayor's Office of Human Services
ESF 16: Animal Protection	Baltimore City Health Dept

EOP Update

- MOEM is responsible for maintaining the plans
- EOP is ever-evolving
 - Based on after-action reports from actual incidents as well as training exercises
- Planning includes all stakeholders

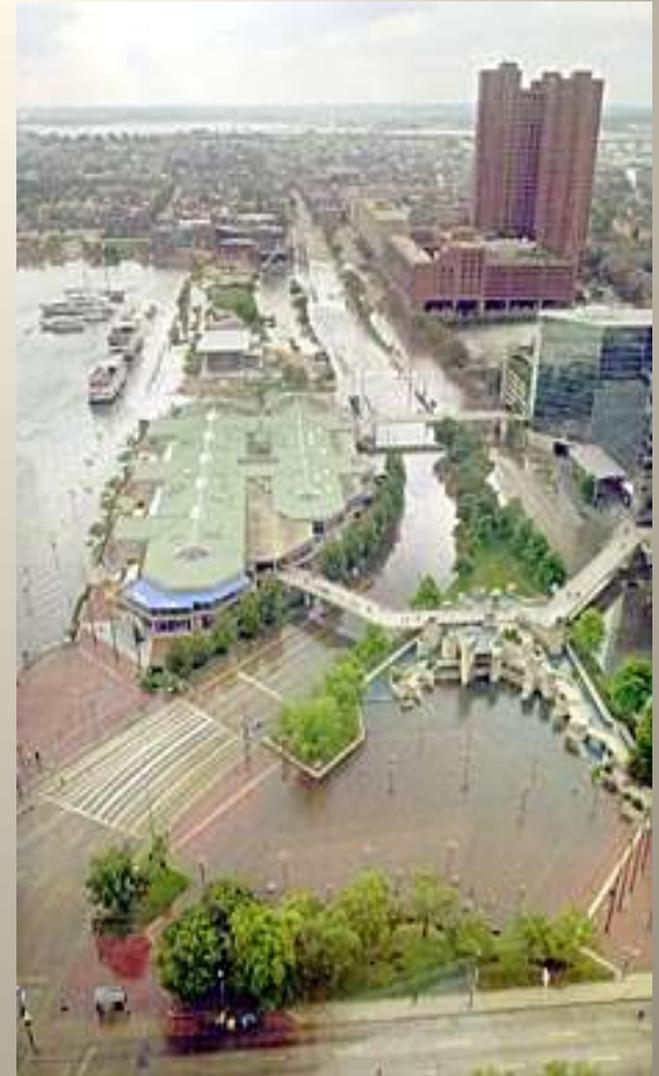
We want your input!

EOP Update - Timeline

- Form LEPC subcommittee between now and next meeting (May)
- Series of meetings to go over EOP by ESF
 - Group similar ESFs together, eg. Public Works, Transportation, and Energy
- Finalize recommendations by Fall LEPC meeting

Outreach to the Private Sector

LEPC
25 Feb, 20132



Flooding from Hurricane
Isabel

Floodplains 21st Century – Connecting with the Public and Future Challenges

Isabel – Tidal Surge



Courtesy of Craig Owen, CHMM



Courtesy of Craig Owen, CHMM

Floodplains 21st Century – Connecting with the Public and Future Challenges

Isabel – Tidal Surge



Private Sector Outreach

Disaster Preparedness and Planning Project (DP3)

Whole purpose of disaster preparedness is to allow/ensure that your business/resources/services will be operational/whole after an event.

- As soon as practical with preparedness being weighed against cost and other factors...

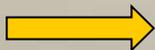
Private Sector Outreach

Reasonable Measures

Natural Hazard

Events

Taking reasonable measures...

Hazard  Risk  Vulnerability

- Earthquake?
- Snow?
- Flood?
- Wind?

Private Sector Outreach

Existing Efforts/Knowledge

Don't want to recreate the wheel...

- LEPC -The Local Emergency Planning Committee (LEPC) is a forum for citizens, businesses, and government to share information and collaborate on disaster plans to improve the City's preparedness for all hazards.
- restoreyoureconomy.Org



Floodplains 21st Century – Connecting with the Public and Future Challenges

All Hazard Outreach Event
March 27th

War Memorial Building

- Information to hand out to small business owners regarding business preparedness.
- Input on existing resources
- Collaboration on Web design for ongoing cooperation between private sector and government

Questions for Government





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BUSINESSES REPORT

Questions for Businesses





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Visible Intermodal Prevention and Response (VIPER)



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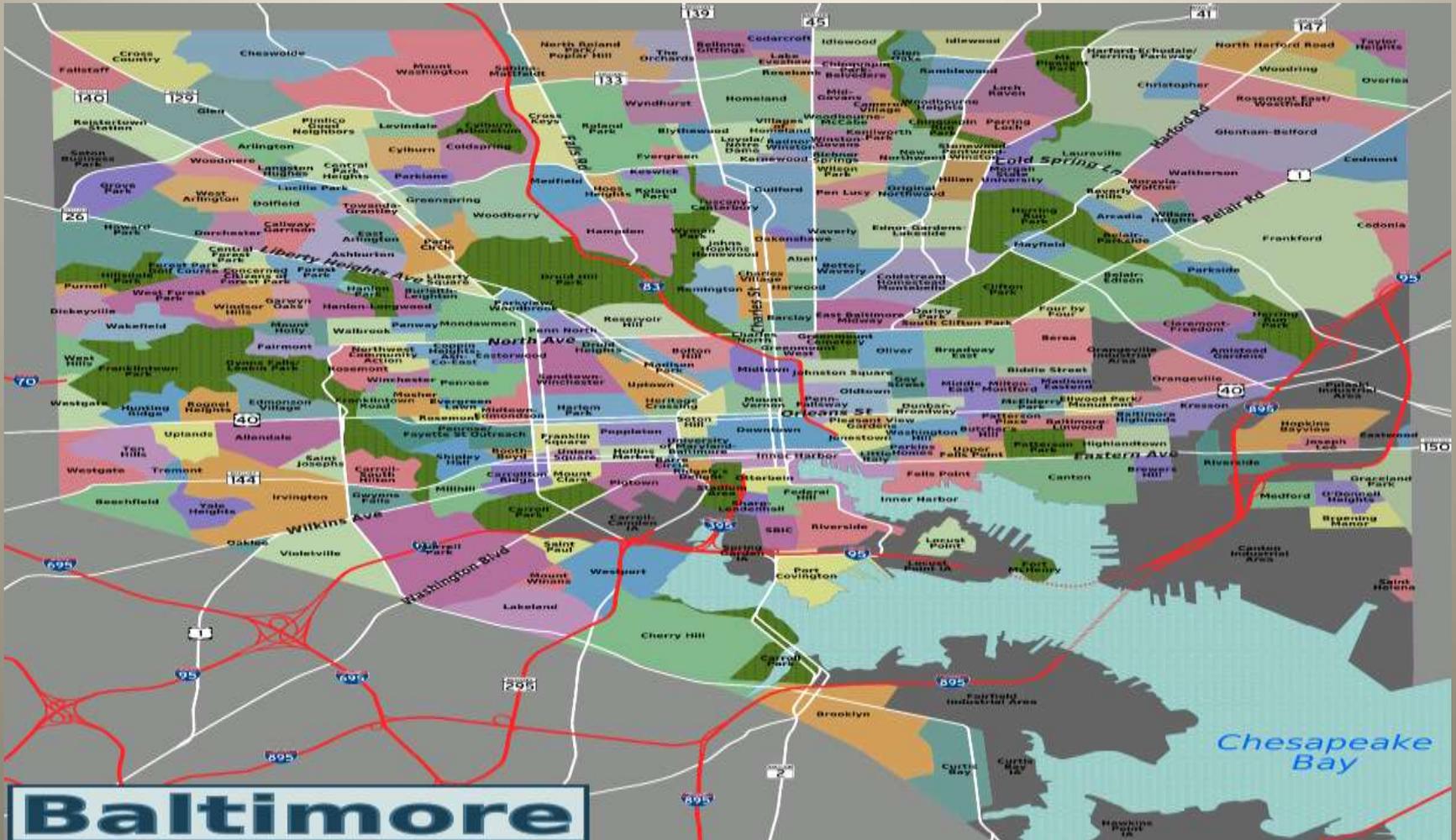


**Robert Maloney
Deputy Chief**

BREAK

10:00– 10:10

Non-Profit Reports



Questions for Non-Profits





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Citizens and Community Reports

Community Emergency Response Team



Department of Homeland Security
Emergency Preparedness and Response Directorate
FEMA

Baltimore City CERT Status Update

Prepared for LEPC Quarterly Meeting
February 25, 2013

Updates

- Kevin Cleary is new program manager and MOEM liaison to the Citizen Corps Council
- Working with newly formed National Capital Region CERT (DC, VA, MD) to share trainings and opportunities
- November 2012 class at MonteVerde Senior Apartments
- February 2013 class for Morgan State University students
- February 22-24 class had 26 participants

Upcoming Events

- Patient Assessment refresher, Wednesday March 13th
- April refresher class, date TBD
- April CERT class for a faith group
- CERT Olympics, Sunday May 19th at the Fire Training Academy

Questions?

- Charles Smith
- cert@baltimorecity.gov

Reports from Citizens/Communities

- Questions and Answers
- Additional Reports/Activities from LEPC members





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**Panel Presentation:
Facility Preparedness and
Response for Active Shooters**



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- Adrian Wiggins, Morgan State University
- Antonio Williams, University of Maryland
- Alice Watson, Baltimore City Schools
- Marshall Goodwin, Baltimore City School Police Department
- Gordon Schluderberg, Baltimore Police Department
- Alex Perricone, Baltimore City Fire Department



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- Closing Remarks and Adjourn
 - C.P. Hsia, LEPC Co-Chairman
- Next Meeting TBD
- Please fill out the feedback forms!
 - Especially if you would like to host

Baltimore City Public Schools

- Profile
 - 204 school programs, 180 buildings
 - 85,000 students
 - 12,000 staff
 - 142 School Police

Baltimore City Public Schools

- Emergency Planning
 - Standard and consistent model since 2008 for all schools which meets MSDE and DHS guidelines
 - 2010 implemented electronic database to review plans annually
 - Yearly update to individual plans as well as planning guide
 - Planning guide includes preparedness, response, and recovery
 - Schools required to conduct 2 drills at beginning of the year and 1/month

Baltimore City Public Schools

- Emergency Planning Guide Critical Incidents:
 - Medical Emergencies
 - Fire
 - Bomb Threat/Explosions
 - Hazardous Materials or Chemical Spill
 - Civil Disturbance/Riot
 - Assaults
 - Utility Failure
 - Hostage Situation

Baltimore City Public Schools

- Changes since Newtown, CT incident:
 - Central Office teams are visiting all schools to meet with principals regarding school's emergency plan
 - All principals were required to run two drills in January 2013, one of which was a lock-down
 - Active shooter training for school police with BPD Special Operations



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Thank You!!

Visit Us and Spread the Word!

<http://baltimorecitylepc.org>