



**Melissa Velez-Morales**

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**From:** Masser, Michelle  
**Sent:** Thursday, November 17, 2016 8:31 AM  
**To:** Detoro, Fred; Weigle, Trevor J.; Harris, Laura  
**Cc:** Melissa Velez-Morales  
**Subject:** FW: FEMA Region II Individual and Community Preparedness Bulletin

Correspondence

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**From:** Fox, Russell [mailto:Russell.Fox@fema.dhs.gov]  
**Sent:** Wednesday, November 16, 2016 5:25 PM  
**To:** Fox, Russell <Russell.Fox@fema.dhs.gov>  
**Subject:** FEMA Region II Individual and Community Preparedness Bulletin



**Region II  
Individual and Community Preparedness  
Bulletin 11.16.2016**

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**Recommended Workshops and Webinars**

**FEMA Region II Shelter-in-Place Workshop**

**December 7, 2016**

26 Federal Plaza, 6<sup>th</sup> Floor Conference Room A/B

The workshop is 0830 – 1600

This workshop, formerly entitled “Gotham Shield”, will provide businesses, government agencies, faith based organizations, critical infrastructures, and other agencies with an opportunity to discuss best practices and challenges that may be encountered with a long term shelter-in-place situation resulting from an Improvised Nuclear Device. This workshop is ideal for continuity and crisis management planners for your organization.

Pre-registration is required: [https://fema.connectsolutions.com/r2gs\\_sipws/event/registration.html](https://fema.connectsolutions.com/r2gs_sipws/event/registration.html)

**FEMA Region II Campus Resilience Workshop**

**December 14, 2016**

New Jersey City University, Jersey City, NJ

The workshop will be 0830 – 1600

This workshop will expand upon the shelter-in-place concept, with a focus on institutions of education (primary and secondary schools, colleges and universities). This will allow public safety directors, school administrators, student organizations, local emergency managers, local first responders, and other organizations with an opportunity to discuss initial actions, shelter-in-place, reunification, and reentry; as well as the unique challenges specific to these institutions. Schools wishing to participate are encouraged to invite members of your campus emergency preparedness committees and local first responders. Pre-registration is required: <https://fema.connectsolutions.com/r2gscrworkshop/event/registration.html>

## Individual Community Preparedness - Then and Now:

### Last Week's Events Included:

- November 10<sup>th</sup>: Charleston QuakeSmart Workshop
- November 17<sup>th</sup>: 2016 National Seminar and Tabletop Exercise
- November 17<sup>th</sup>: National Fire Protection Association Firewise Virtual Workshop

## FEMA Bulletin:

### FEMA Implementing New Public Assistance Program in Georgia

FEMA and the Georgia Emergency Management and Homeland Security Agency will implement the second stage of the new model for delivering the FEMA Public Assistance (PA) program during recovery operations from Hurricane Matthew.

### FEMA's Basic Academy Offers Training for New Emergency Managers

The curriculum consists of five courses: Foundations of Emergency Management; Science of Disaster; Planning: Emergency Operations; Exercise Design; and Public Information and Warning. Foundations of Emergency Management will be held **January 23-February 3, 2017**. Applications are due by **December 9, 2016**

The courses will be delivered by the Emergency Management Institute at FEMA's National Emergency Training Center (NETC) in Emmitsburg, Maryland. For more information, visit the EMI website or send an email to [FEMA-EMPP-Basic-Academy@fema.dhs.gov](mailto:FEMA-EMPP-Basic-Academy@fema.dhs.gov).

### Integrating Emergency Management into Institutions of Higher Education

EMI will conduct the "Integrating Emergency Management Education into Your Institution" course to assist Historically Black Colleges and Universities, Hispanic Serving Institutions, and Tribal Colleges and Universities with either establishing or enhancing their emergency management curricula.

The course will be taught on the following dates:

- **February 27-28, 2017**, for Hispanic Serving Institutions
- **March 27-28, 2017**, for Tribal Colleges and Universities
- **April 19-20, 2017**, for Historically Black Colleges and Universities

All sessions of the course will be taught at the Emergency Management Institute, National Emergency Training Center (NETC) at

### Important Dates & Deadlines



Draft Interagency Concept for Community Resilience Indicators and National-Level Progress Measures Deadline

Emmitsburg, Maryland. The application deadline is no later than eight weeks prior to the start of the course. Enrollment is limited to the first 20 applicants. To apply, complete a FEMA Form 119-25-1, General Admissions Application, with student signature and signature of supervisor or sponsoring agency official. Mail, scan, or fax the application to: NETC, Admissions Office Room I-216, 16825 South Seton Avenue, Emmitsburg, MD 21727-8998; Phone: (301) 447-1035 Fax: (301) 447-1658; Email: [netcadmissions@fema.dhs.gov](mailto:netcadmissions@fema.dhs.gov).

## Draft Disaster Resilience Indicators Concept Deadline Extended

The deadline has been extended until **December 15, 2016**, to submit inputs and feedback to the Mitigation Federal Leadership Group (MitFLG) Disaster Resilience Indicators Subcommittee's "Draft Interagency Concept for Community Resilience Indicators and National-Level Progress Measures." Stakeholders can submit comments and feedback to FEMA-CommunityResilience@fema.dhs.gov. Learn more details about this initiative through FEMA and NOAA partnership [here](#).

## Application Period Opens for Communities to Exercise Local Disaster Response

FEMA's Emergency Management Institute conducts Integrated Emergency Management Courses (IEMC) throughout the year and across the country. The four-and-a-half day training course is designed specifically for communities, providing both lecture and exercise-based training focused on response operations for a disaster or emergency that could happen in their area.

IEMC classes are principally delivered at FEMA's Emergency Management Institute at the National Emergency Training Center in Emmitsburg, Maryland; however, delivery may also occur in the community. If your jurisdiction is interested in applying for the program and obtaining information on the application process and its timeline, please visit <http://training.fema.gov/iemc/>. The deadline for applications is **February 15, 2017**. Questions should be directed to FEMA-EMI-IEMB@fema.dhs.gov.

## Online Trainings/Certificate Programs



### December LIVE Web Forum

### Severe Winter Weather Outlook for 2017: What To Expect and How To Prepare

11:00 am Eastern, Friday, December 2, 2016

[Register Here](#)

Join us on **Friday, December 2 at 11 AM Eastern** for a live web forum on Severe Winter Weather Outlook for 2017: What to Expect and How to Prepare. **Gary Conte, Warning and Coordination Meteorologist at the National Weather Service**, will be leading the discussion. You can register for the forum [here](#).

## American Military University offers Nov. 22 webinar on creation of violent incident task forces



American Military University is offering a webinar, "Violent Incident Task Forces," on Nov. 22, 2016, 1:00-2:00 p.m. EST. After the 2012 mass shooting at a theatre in Aurora, Colorado, the Ventura County (California) Fire Department realized that it lacked an organizational response if a violent incident should happen in its jurisdiction. A multi-discipline work group was formed to address this lack, composed of representatives from local fire departments, law enforcement agencies, EMS transport providers, dispatch center, and others. Webinar speaker J. Scott Quirarte, a fire captain and 26-year veteran of the fire services, will discuss the challenges and benefits of establishing a violent incident task force. [Register online.](#)

## Emergency Management and Response Information Sharing and Analysis Center (EMR-ISAC)

The [EMR-ISAC InfoGram for November 10, 2016](#) contains the following articles:

1. Cardiovascular & Chemical Exposure to Firefighters
2. Developing Cross-Jurisdictional Legal Documents
3. NIH Disaster Research Response
4. Identity Theft Victims Assistance Network

### Webinar: Celebrating National Native American Heritage Month through Community Preparedness

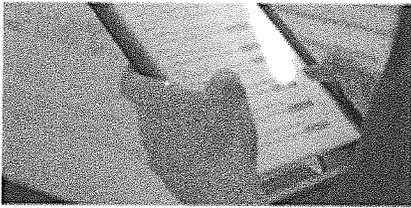
FEMA will host a webinar on **Wednesday, November 30 from 2:00 to 3:00 p.m. ET** focusing on disaster preparedness and resilience efforts serving tribal communities. You'll hear several leaders who have worked to put preparedness into action by developing successful community-based initiatives and receive related program resources. [Learn More >>](#)





# PREPAREDNESS CAN BE MEASURED

*and you get what you measure*



**PREPAREDNESS CAN BE MEASURED:** Since 09/11/01 we have put many billions of dollars toward improving readiness, but has it really worked? Today we continuously check our equipment and the credentials of our first responders, but it's usually done with a paper and clipboard. The paper forms often go into a filing cabinet never to be seen again. By digitizing the checks that Fire, EMS and Police do every day, we can share information, making sure more people and equipment are ready for the next crisis and improving best practices. Hear about a system that has been doing this with fire and EMS since 2012.

Please join us on December 8, 2016 from 1:00 PM - 2:00 PM EST for the 16<sup>th</sup> installment in the Emergency Services Sector - Resilience Development Webinar Series (ESS-RDWS). The ESS-RDWS is an ongoing Continuity of Operations Planning (COOP) series concentrated on the first responder, focusing on education and awareness, capacity building, and knowledge validation.

"Preparedness Can Be Measured" will be presented by Brian Snout, president of Station Check who will describe the benefits a digitized inspection and credential system has for individual departments, mutual aid networks, and coordinated disaster recovery efforts.

### Did you know?

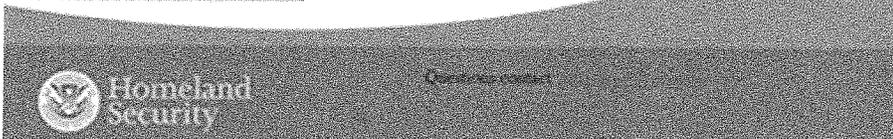
The average Fire/EMS unit spends almost 4x more time on checks than on actual emergencies.

At Johns Hopkins, adherence to simple checklists was shown to reduce mortality and morbidity by over 80%.

Over 90% of first responders and military personnel perform checks using paper forms.



To attend:  
<https://share.dhs.gov/essrdwsdec2016/>



Please join me in an Adobe Connect Meeting.

Meeting Name: EMERGENCY SERVICES SECTOR RES:

Summary: PREPAREDNESS CAN BE MEASURED. Since dollars toward improving readiness, but has check our equipment and the credentials of with a paper and clipboard. The paper forms seen again. By digitizing the checks that Fire share information, making sure more people and improving best practices. Hear about a and EMS since 2012.

Please join us on December 8, 2016 from 1:00 in the Emergency Services Sector - Resilience The ESS-RDWS is an ongoing Continuity of Operations on the first responder, focusing on education knowledge validation.

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Invited By: Emergency Services - SSA (ESSTEF)

When: 12/08/2016 1:00 PM - 2:00 PM

Time Zone: (GMT-05:00) Eastern Time (US and

Conference Number(s): 855-852-7677

Participant Code: 999963986509

To join the meeting:  
<https://share.dhs.gov/essrdwsdec2016/>

To join the meeting: <http://share.dhs.gov/essrdwsdec2016/>

## Catalog: Trainings/Events

### Application period opens for communities to exercise local disaster response



FEMA's Emergency Management Institute conducts Integrated Emergency Management Courses (IEMC) throughout the year and across the country. The four-and-a-half day training course is designed specifically for communities, providing both lecture and exercise-based training focused on response operations for a disaster or emergency that could happen in their area. IEMC classes are principally delivered at FEMA's Emergency Management Institute at the National Emergency Training Center in Emmitsburg, Maryland; however, delivery may also occur in the community. [Learn how to apply for the program.](#) The deadline for [applications](#) is **Feb. 15, 2017.**

### Protecting Your Family and Community

#### Protect Yourself and Your Family From Getting Zika

Zika virus spreads to people primarily through the bite of an infected mosquito. The mosquito bites a person infected with the virus. The mosquito then becomes infected and bites another person causing them to become infected. The infected mosquitoes then bite more members of the community and infect them.

These are some of the steps you can take to protect yourself and your family from Zika

- Wear long-sleeved shirts and long pants
- Stay in places with window and door screens
- Wear insect repellent
- Use a bed net
- Use condoms or do not have sex



### Interested in learning more about Crisis and Emergency Risk Communication?

Crisis and Emergency Risk Communication (CERC) is the application of evidence-based principles to effectively communicate during emergencies. These principles are used by public health professionals and public information officers to provide information that helps people make the best possible decisions for themselves and their loved ones.

CDC recently hosted representatives from more than 20 different states for a CERC Train-the-Trainer course. From November 2-4, participants with basic CERC knowledge explored these concepts in more detail, learned strategies for teaching CERC principles to others, and practiced mock presentations. By preparing more people to teach CERC, CDC hopes to provide better access to this training in the future.

During emergencies, responders work under impossible time constraints and must accept the imperfect nature of our choices. CERC materials explain how the right message at the right time can save lives. If you are interested in learning more about CERC, please access our [online training](#) options or request [in-person training](#) in your area.

For more resources and information on CERC, please see [Crisis and Emergency Risk Communication, 2014 Edition](#) or [Crisis and Emergency Risk Communication Pandemic Influenza, 2007](#).

#### **Zika Situation Report: 3 November 2016**

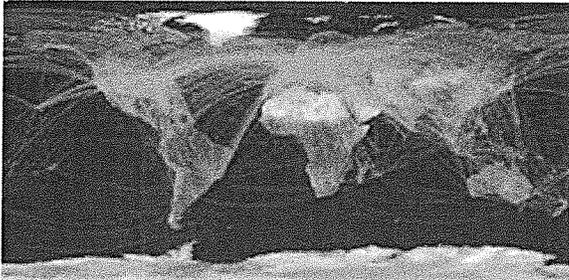
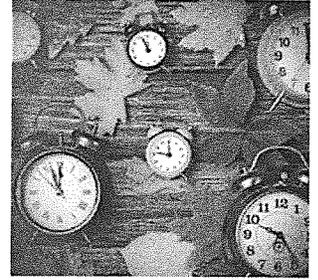
World Health Organization. 11/03/2016

This Web page provides a summary of the latest information about the Zika virus outbreak, as of November 3, 2016. It provides a map and list of countries, territories, and areas showing the distribution of Zika virus, 2013-2016; key updates on the outbreak; and analysis.

#### **Additional readings:**

## Set Your Clocks. Check Your Stocks.

This weekend, as you set your clocks to fall back, use it as a reminder to check your preparedness kit to make sure your emergency stockpile isn't missing any items and that the food hasn't expired. Take a few minutes to refresh your family's plans as well and review it so that everybody in your plan remembers what they need to do and where to go in an emergency. [Learn More >>](#)



In today's connected world, a coordinated public health approach is needed to protect both people and animals from diseases. [One Health](#) is this coordinated approach, as it recognizes that the health of people is connected to the health of animals and our environment.

A One Health approach is needed to better [understand certain diseases](#), such as rabies, *Salmonella*, West Nile virus fever, Q fever, and other zoonotic diseases that are spread between people and animals.

Here are a few things you need to know about CDC and One Health:

- One Health **affects all of us**—6 in 10 infectious diseases in people are spread from animals.
- One Health is a **global approach**—infectious disease [threats are everywhere](#), and diseases know no borders.
- One Health includes **our furry friends**—it is important for people to know how to enjoy their pets and other animals without getting sick from [diseases that animals can carry](#) or from the [foods they eat](#).

CDC uses a One Health approach by working with physicians, veterinarians, ecologists, and many others to monitor and control public health threats as well as learn more about how diseases are spread between people, animals, and the environment.

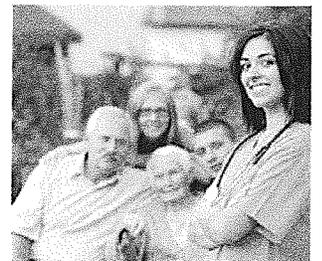
### From the CDC Blog: Tips on Cleaning Mold After a Flood

Returning to your home after a flood is a big part of getting your life back to normal. But you may be facing a new challenge: mold. What can you do to get rid of it? How do you get the mold out of your home and stay safe at the same time? Learn how you can take steps to keep yourself and others protected while cleaning up mold after a flood. It can help protect your health, your home and your loved ones. [Learn More >>](#)



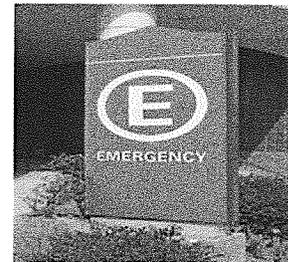
### Disaster Preparedness for Family Caregivers Webinar

Family caregivers make an amazing commitment to be there for their families when times are tough. Caring for children, older adults and people with disabilities comes with a number of everyday challenges, but facing those challenges can be much harder when disaster strikes. Learn how family caregivers can plan to keep the people they care for safe and healthy when disasters strikes. [Learn More >>](#)



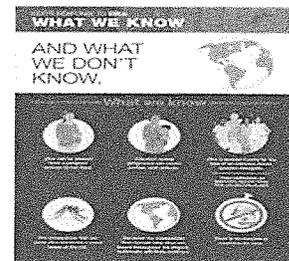
## From the ASPR Blog: New Authority Gives State and Tribal Governments More Flexibility to Support a Better Disaster Health Response

When a disaster strikes, state, local, tribal and territorial governments may want all hands on deck to respond to the crisis. Now, a state governor, tribal leader, or their designees can ask the Secretary of Health and Human Services to authorize the temporary reassignment of state, tribal, and local personnel during a certain emergencies to help support a stronger health response. [Learn More >>](#)



## Zika Basics: What You Need to Know

What is Zika and what do individuals, pregnant and potentially pregnant women, parents need to know about protecting themselves from Zika? Check out the top 5 things that you need to know to prevent infection, prevent spreading the disease, and prevent birth defects. [Learn More >>](#)



## Building Resilience in Critical Infrastructure

The essential services that underlie daily life in American society – our roads, bridges, power grids, water systems, and communication networks – are increasingly being run on digital networks. Sophisticated cybercriminals and nation-states pose a great risk to America's critical infrastructure by exploiting vulnerabilities in cyberspace.

As National Cyber Security Awareness Month (NCSAM) 2016 comes to a close this week and DHS transitions into National Critical Infrastructure Security and Resilience Month (CISR), it's a good opportunity to look at the connection between cyber and physical security.

Just as we all rely on critical infrastructure, we all play a role in keeping it strong, secure, and resilient.

Small actions by individual citizens can have a large impact on preventing cyber attacks on our critical infrastructure. By incorporating basic cyber best practices into our daily routines, like using strong authentication, installing updates on your mobile device, and limiting the amount of personal information you share online; we can help defend our Nation's critical infrastructure from cyber threats.

For more information on National Cyber Security Awareness Month, please visit [www.dhs.gov/stopthinkconnect](http://www.dhs.gov/stopthinkconnect).



## What's New

### One Health

Our recent work to connect human, animal, and environmental health in the US and around the world.

For more information on National Critical Infrastructure Security and Resilience Month, please visit [www.dhs.gov/cisr-month](http://www.dhs.gov/cisr-month).

## FEMA implementing new Public Assistance program in Georgia



FEMA and the [Georgia Emergency Management and Homeland Security Agency](#) will implement the second stage of the new model for delivering the FEMA Public Assistance (PA) program during recovery operations from Hurricane Matthew. Georgia will be the third state to participate in the phased process implementation as FEMA creates a more streamlined approach to providing disaster assistance. FEMA fully implemented the new PA delivery model for the first time in the State of Oregon this past spring. Through extensive feedback from the Oregon and external partners, FEMA incorporated recommendations into the new delivery model that will be used in Georgia. Beta testing of the model was also conducted in 2015 in Iowa. The Stage 2 implementation for Georgia will include using the new Customer Relations Management Tool, which is a web-based tracking system applicants use to upload required project documentation.

## NWS realignment plan announced — IAEM webinar with NWS Deputy Director set for Nov. 18



The National Weather Service (NWS) recently announced it is considering ways to realign staff and functions “to deliver weather forecasts and warnings more effectively.” On Nov. 1, NWS [released a statement](#) broadly outlining the intentions and rationale behind their realignment plan. Since local forecasting is critically important to the emergency management community, IAEM staff and leadership will be closely monitoring and providing feedback to NWS during development, testing, and implementation of the plan to ensure there is no degradation of the service we have come to expect from NWS. IAEM has arranged for NWS Deputy Director Laura Furgione to conduct a webinar to brief interested members about the details of the realignment proposal and to answer our initial questions. The webinar will take place on **Nov. 18 at 1:00 ET**. Please save the date and be on the lookout for the webinar link and call-in information.

## ASPR publishes 2017-2022 Health Care Preparedness and Responses Capabilities



The [2017-2022 Health Care Preparedness and Response Capabilities](#) document, recently released by the Office of the Assistant Secretary for Preparedness and Response (ASPR), outlines the high-level objectives that the U.S. health care delivery system, including health care coalitions (HCCs) and individual health care organizations, should undertake to prepare for, respond to, and recover from emergencies. These capabilities illustrate the range of preparedness and response activities that, if conducted, represent the ideal state of readiness in the United States. The document was finalized after the agency reviewed more than 1800 written comments.

## CDC adds \$44M to emergency preparedness funds



The Centers for Disease Control and Prevention has increased by \$44.25 million the Public Health Emergency Preparedness cooperative agreements for all-hazards preparedness efforts in 2016 and 2017, as noted by a news release. The funds will go to a total of 62 jurisdictions, including U.S. states, cities and territories.

## CERT training for the deaf makes history in Georgia



Community Emergency Response Basic Training for the deaf was recently offered at the Newnan Police Headquarters. For three days, Georgia Emergency Management Agency-certified instructors were able to present information exclusively in American Sign Language to ensure hearing-impaired citizens are equipped with basic skills needed for emergency readiness. **READ MORE**

## Changes to New York flood maps are a reflection of technology advancements



The Federal Emergency Management Agency has agreed to revise flood maps in New York City after an independent analysis — another sign that technology around flood risk is improving. In a joint statement released Oct. 17, FEMA and New York City Mayor Bill de Blasio said independent analysis used in an appeal of flood hazard maps for the city would be taken into consideration to draw new ones. **READ MORE**

## New report released on proactive cybersecurity measures



The GW Center for Cyber and Homeland Security released a report entitled, Into the Gray Zone: The Private Sector and Active Defense Against Cyber Threats. The report was the work of a task force of experts from the technology, security, privacy, law and business communities. **READ MORE**

## UPDATE ON OUR HOME FIRE CAMPAIGN

The Red Cross responds to nearly 66,000 disasters a year, 90 percent of which are home fires. Last month, we called on our supporters from around the country to come together to join an initiative — and you answered our call. Thanks to our supporters like you, Red Cross volunteers have made over 227,000 homes safer by going door-to-door in neighborhoods that are high-risk for fires or in areas that have frequent fires to deliver fire safety information - and installed more than 530,000 smoke alarms in homes when they are needed.

LEARN MORE

## WINTER IS COMING: PREPARE YOUR CASTLE!

Wet, cold, and stormy winter weather is just around the corner, whether we like it or not. So how can you prepare your household for whatever winter weather is headed your way? Check out our [list of winter preparedness tips](#) – from preparing for a winter storm, to preventing frozen pipes – before the weather gets the best of you.

PREPARE YOURSELF

## How to Steward Medical Countermeasures and Public Trust in an Emergency: A Communication Casebook for FDA (Food and Drug Administration) and Its Public Health Partners

## Annual Disaster Statistical Review 2015: The Numbers and Trends

## Metro NY and Beyond: New Situational Awareness Platform Poised to Expand to 100+ Cities



The Metropolitan Resilience Network's situational awareness and collaboration platform, Metro-OPS has successfully served the NY Metro area now for over a year.

For access to Metropolitan NY / NJ / CT Metro-OPS and the MRN, please follow [this link](#). For information on the international expansion of the platform contact [intercep@nyu.edu](mailto:intercep@nyu.edu).

## FBI Report: Lone Wolf Terrorism and Militant Extermists

In September, Gregory Ehrie, Special Agent in Charge of the Intelligence Division at FBI New York Office (NYO), led a discussion about lone wolf terrorism and militant extremists. As summarized below, the discussion addressed the ways in which these threats are evolving and the efforts of the intelligence and law enforcement communities to mitigate them. You can read a summary of the web forum [here](#). You can access a recording of the whole forum [here](#).

## What Do You Need? Advancements in Situational Intelligence

In June, Pete O'Dell, founder and CEO of Swan Island Networks, presented to a web forum on the latest advancements in situational intelligence. This topic is central to InterCEP's mission to promote collaboration and information sharing to support constructive action. [You can read a summary of the web forum here.](#) You can watch the whole web forum [here](#).

## **Hurricane Season 2016: What to Expect**

**In May, Bryan Norcross**, Senior Executive Director of Weather Content and Presentation, and Senior Hurricane Specialist at The Weather Channel, discussed the 2016 hurricane season. [You can read a summary of the web forum here.](#) [You can watch the whole web forum here.](#)

## **Insider Threat by Cyber Vector: Briefing and Key Deterrence Strategies**

**In March, Randall Trzeciak**, director of the CERT Insider Threat Center at Carnegie Mellon University's Software Engineering Institute, discussed insider threat by cyber vector. [You can read a summary of the web forum here.](#)

## **Improvised Nuclear Devices: FEMA's Perspective On the Threat**

**In February, Newton Tang**, from the Federal Emergency Management Agency (FEMA), discussed improvised nuclear devices (IND). As part of the discussion he described the nature of the threat, the role of FEMA in this area, potential impacts associated with an IND, and preparedness efforts in this area. [You can read a summary of the web forum here.](#)

## **Transforming commitment into action on disaster risk reduction**



Nothing erases development gains as suddenly and severely as natural disasters. Earthquakes, floods, droughts and cyclones wreak destruction, not only across borders but across generations, reversing the hard-won progress of many years in poverty reduction, delivery of essential services, promotion of small business and economic opportunity. **READ MORE**

## **'Disaster management plan' to tackle alarming air pollution level**



Taking note of the enormity of alarming rise in pollution levels, supreme court on asked the center to respond within 48 hours and give details about its policy or a "disaster management plan" to deal with the prevailing situation in the national capital region. **READ MORE**

## **NASA-FEMA plan ahead in case of asteroid impact**



Having an asteroid crash down to Earth is highly unlikely, but not at all impossible. It is a high-consequence scenario that wiped out species millions of years ago, and in case this happens again, attendees at the NASA-Federal Emergency Management Agency tabletop exercise in El Segundo, California, discussed in detail what we could do to avoid such scenario. **READ MORE**

## **How drones help predict intensity, path of current and future hurricanes\***



Cherokee Nation Technologies has a unique partnership with the National Oceanic and Atmospheric Administration and NASA to support hurricane forecasting and damage assessment. The collaborative effort has been using the unmanned aircraft Global Hawk to fly above hurricanes Gaston, Hermine, Karl and Matthew and in front of Hurricane Nicole. The unmanned aircraft deploy sondes, probes that automatically transmit information about surroundings. **READ MORE**

## **FEMA announces the availability of Hazus 3.2 software to assist in estimating impacts of disasters**



As part of its ongoing modernization effort, the Federal Emergency Management Agency's (FEMA) Hazus team on Oct. 31 deployed Hazus 3.2, available for free download on the FEMA Flood Map Service Center [Hazus Download page](#). Hazus is a nationally applicable standardized methodology that contains models for estimating potential losses from earthquakes, floods, and hurricanes. Hazus uses Geographic Information Systems (GIS) technology to estimate physical, economic, and social impacts of disasters. It graphically illustrates the limits of identified high-risk locations due to [earthquake](#), [hurricane](#) and [floods](#). Users then can visualize the spatial relationships between populations and other more permanently fixed geographic assets or resources for the specific hazard being modeled, a crucial function in the pre-disaster planning process. The new version includes an ArcGIS upgrade, integration of the Hazus earthquake module with the U.S. Geological Survey's ShakeMap, and enhanced reports. For technical assistance, contact the Hazus Help Desk at [hazus-support@riskmapcds.com](mailto:hazus-support@riskmapcds.com).

## DHS/FEMA offers free training programs on critical infrastructure and resilience



November is Critical Infrastructure Security and Resilience Month. DHS offers a wide array of [free training programs](#). These web-based independent study courses, instructor-led courses, and associated training materials provide government officials and critical infrastructure owners and operators with the knowledge and skills needed to implement critical infrastructure security and resilience activities. Training resources are also available via the Federal Emergency Management Agency's (FEMA) Emergency Management Institute (EMI) [course catalog](#).

## National Health Security Preparedness Index offers enhanced perspective through its new blog feature



The [National Health Security Preparedness Index](#) combines measures from multiple sources and perspectives to offer a broad view of the health protections in place for the nation as a whole and for each U.S. state. The Index identifies strengths as well as gaps in the protections needed to keep people safe and healthy in the face of large-scale public health threats, and it tracks how these protections vary across the U.S. and change over time. Last week, a new blog feature of the [Index website](#) was launched that offers periodic analyses, stories and perspectives on the changing nature of health security and preparedness across the United States. The [first blog post](#) examines Index results through an equity lens and considers how concepts of equal protection might be useful in responding to new threats like Zika.

## Protecting the Health of Your Friends and Family: Guides for Youth Programs

When a disaster strikes, it could threaten health – for you, your friends, your family or even your community. But by preparing before a disaster strikes, you can help keep people safe and healthy. There are a lot of different things that young people can do to help keep themselves the people around them healthy during disasters and emergencies. Want to help improve community health resilience? Here are some ways to get started! [Learn More >>](#)



## State and Local Perspectives on Emergency Management Back to School Activities

11/14/2016 05:00 PM EST

U.S. Department of Education. 09/16/2016

This one-hour, five-minute webinar discusses the importance of incorporating emergency management into back-to-school activities, as well as shared challenges and lessons learned from federal, state, and local perspectives. Speakers also discuss the relation of incorporating emergency management to preparedness mission areas and the six-step planning process.

(Video or Multimedia)

## **Continuity of Operations (COOP) Planning and Developing a COOP Annex**

11/14/2016 05:00 PM EST

U.S. Department of Education. 08/05/2016

This one-hour webinar discusses the development of a Continuity of Operations (COOP) Annex and the connection to the six-step planning process. Speakers discuss resources, information, and processes used to develop a COOP Functional Annex, and provide state-level insight on activating COOP within 12 hours and 30 days following an event.

(Video or Multimedia)

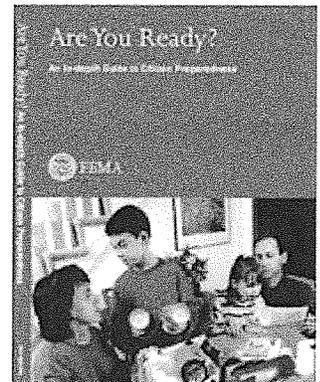
### **Additional Materials:**

## **Are You Ready?: An In-depth Guide to Citizen Preparedness**

The FEMA publication [Are You Ready?: An In-depth Guide For Citizen Preparedness](#), is a 200-page comprehensive guide that walks the reader through a step-by-step approach to getting informed about local emergency plans, how to identify hazards that effect their local area, and how to develop and maintain an emergency communications plan and disaster supplies kit. You can [download English and Spanish preparedness guides or order them for free](#) by calling the **FEMA Distribution Center on 1-800-480-2520**. If you don't have a Citizen Corps Council [in your area](#), contact your state Citizen Corps representative and work with your local officials to get one started.

### **A few things you can do right now to be safer:**

- Take FEMA's online course entitled [Are You Ready? An In-depth Guide to Citizen Preparedness](#).
- Host a [neighborhood meeting](#) to share concerns and join together to better plan and prepared for disasters!
- Check and change the batteries in your smoke alarms and replace all alarms that are more than 10 years old.



## **Are You Ready? Guide Instructor Tools**

- Are You Ready? [Training Plan for Young Children](#) (PDF)
- Are You ready? [Training Plan for Older Children](#) (PDF)
- Are You Ready? [Training Plan for Adults](#) (PDF)
- "[Getting Ready for Disaster](#)" videos

**Use this link to access the ES SSA Bulletin:** <https://share.dhs.gov/essisbnov2016/>

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<http://www.fema.gov/continuity-operations>

<http://www.fema.gov/es/continuidad-de-operaciones>