Melissa Velez-Morales

From: Masser, Michelle
Sent: Friday, October 21, 2016 8:52 AM
To: Harris, Laura; Detoro, Fred
Cc: Melissa Velez-Morales
Subject: FW: Individual and Community Preparedness Bulletin

Correspondence.

Michelle Masser
Township Clerk
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From: Costa, Deborah [mailto:deborah.costa@fema.dhs.gov]
Sent: Friday, October 21, 2016 7:48 AM
Subject: Individual and Community Preparedness Bulletin

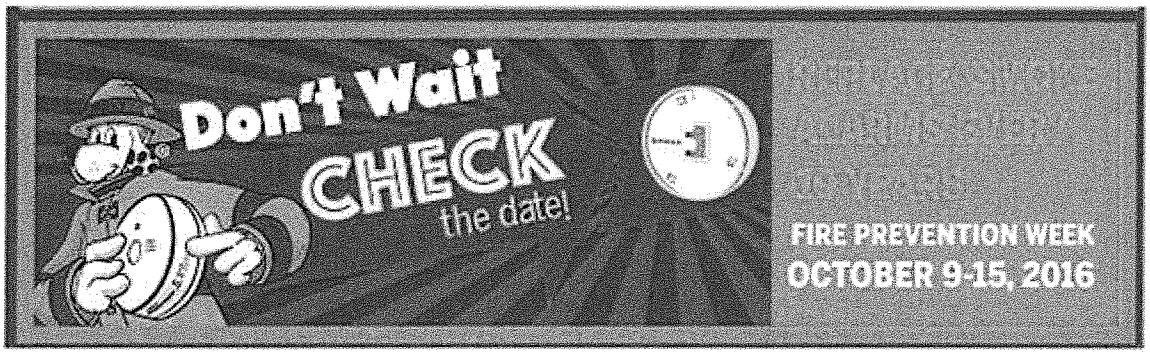
FEMA

Region II
Individual and Community Preparedness
Bulletin 10.21.2016

Preparedness Tips:

FEMA Region II Fire Safety Tip #2

Don't wait – Check the Date!
Replace smoke alarms every 10 years.



- **Make sure you know how old all the smoke alarms are in your home.**
- **To find out how old a smoke alarm is, look at the date of manufacture on the back of the alarm; the alarm should be replaced 10 years from that date.**

For more information: https://www.usfa.fema.gov/prevention/outreach/

BE PREPARED FOR A FIRE IN YOUR HOME

In a matter of minutes, a home fire can take your belongings, your security, even your loved ones. But there are ways to prepare your household and avoid tragedy.
Read these seven important steps to keep your family safe and prepared in case of a home fire, from how to test your smoke alarm to establishing your communication plan. Complete these steps to know you are safe and home-fire prepared.

GET STARTED ▶

National Cyber Security Awareness Month:

October is National Cyber Security Awareness Month, which raises awareness about cybersecurity.

#CyberAware Tip of the Week

One small step can make a big difference in your online security. Each week during NCSAM, we're sharing a quick and easy tip that you can do to better protect yourself online.

- **Beware of phishing emails.** Take a moment to stop and consider whether or not an email that requests your personal information is from a legitimate source. Just as you would not open a door before being sure of who was on the other side, always be wary of unfamiliar email requests or links. Always delete any online communications (i.e., texts, emails, social media posts) that look suspicious, even if you think you know the source.

National Cyber Security Awareness Month

October is National Cyber Security Awareness Month, which raises awareness about cybersecurity. This annual campaign is designed to engage and educate public and private sector partners through events and initiatives, provide them with tools and resources needed to stay safe online, and increase the resiliency of the Nation in the event of a cyber incident. Visit the Resource page to find more information and how you can get involved.

Each week has a theme:

- Week 3 (October 17 – 21): Recognizing and Combatting Cybercrime
- Week 4 (October 24 – 28): Our Continuously Connected Lives: What's Your 'App'-titude?
- Week 5 (October 31): Building Resilience in Critical Infrastructure

Resources:

- To find out more about National Cyber Security Awareness Month and how to get involved, please visit www.dhs.gov/cyberaware.
- Visit DHS Connect at http://dhsconnect.dhs.gov/org/comp/nppd/csc/ncsam.
- **Stop.Think.Connect Toolkit** Find the toolkit at www.dhs.gov/stopthinkconnect-toolkit

ıe Break Room to the Board Room

n keep your business safe and secure online during National Cyber Security Awareness Month (NCSAM) and year-round.

phishing emails. Do not open emails, links, or attachments from strangers. Phishing attacks use email or malicious websites to infect your machi ɔllect personal and financial information.
r passwords complex. Use a combination of numbers, symbols, and letters (uppercase and lowercase). Change your passwords regularly, especia vord has been compromised.
suspicious activity. If you notice something seems off or unusual with your computer, report it immediately to your IT department.

ion on strengthening your business' cybersecurity with the Federal Trade Commission's "Start with Security" guide.

find out how to get involved, visit www.dhs.gov/national-cyber-security-awareness-month.

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o Get Involved in National Cyber Security Awareness Month

et involved in National Cyber Security Awareness Month! We're just getting started with our #CyberAware efforts and hope you will join us. Here l starting today.

#CyberAware message on social media. Use the NCSAM 2016 hashtag #CyberAware in your social media messages. Start by sharing this sample ctober is National #CyberAware Month! Find out how to get involved at www.dhs.gov/national-cyber-security-awareness-month"
others to join the Campaign. Encourage one friend or colleague to sign up to receive the Stop.Think.Connect.™ Monthly *Friends* Newsletter so th r news and tips directly to their inbox. Sign up here.
our own #CyberAware event. It's not too late to raise awareness for cyber within your company or community by hosting a cyber event during C y for you to start an online safety discussion in your community, DHS has cyber materials available for you to print and download in the Stop.Thi luding prepared presentations and tip cards).

Individual Community Preparedness - Then and Now:

Last week's events included:

- Fire Preparedness Week
- Cyber-security preparedness
- Oct 14 – 19: International Association of Emergency Managers 64th Annual Conference – Savannah, GA

This week's events include:

- October 21st: Public Comments for Federal Flood Risk Management Guide Deadline
- ShakeOut Earthquake Drill: October 20th, 2016, 10:20am

FEMA Bulletin:

The Great ShakeOut Earthquake Drill

At **10:20 a.m.** on **October 20, 2016,** millions of people practiced **Drop, Cover, and Hold On** during the Great ShakeOut Earthquake Drills held worldwide. Many people and organizations also practiced other aspects of their emergency plans.

Visit ShakeOut.org to learn more and register your participation today! Watch this video from America's PrepareAthon! to learn more about earthquake safety.

http://www.shakeout.org/puertorico/home.html. In Region II, Puerto Rico usually has the most participants at 500,000 and counting.
http://www.shakeout.org/puertorico/participants.php?start=All

FEMA Higher Education Program newsletter: Contains information on scholarship opportunities, emergency management articles and journals, and other items of interest to the emergency management academic community.

FEMA announces publication of 'State Mitigation Planning Key Topics Bulletin: Mitigation Capabilities'

The Federal Emergency Management Agency (FEMA) on Oct. 4 released State Mitigation Planning Key Topics Bulletin: Mitigation Capabilities, now available in the FEMA Library. This document provides a framework states can use to inventory and assess their hazard mitigation capabilities, including the authorities, policies, programs, staff, funding, and other resources available to accomplish mitigation and reduce long-term vulnerability. The bulletin also provides approaches for analyzing local and tribal mitigation planning capabilities for incorporation into the State Mitigation Plan. Information and updates on FEMA's Hazard Mitigation Planning Program are available online.

Reminder of Upcoming Deadlines

EMI Offers Advanced Public Information Officer Training

FEMA's Emergency Management Institute is offering the Advanced Public Information Officer (PIO) course on November 28 – December 2, 2016. The course, held at the National Emergency Training Center in Emmitsburg, Maryland, provides participants with the skills to establish, manage, and work in a joint information center (JIC).

The application deadline is **October 14, 2016**. If interested, contact Phil Politano, Training Specialist - Course Manager, at Philip.Politano.fema.dhs.gov or (301) 447-1343. For information on prerequisites and course schedules, go to http://training.fema.gov/programs/pio/.

Tribal Consultation to Update the FEMA Tribal Policy

FEMA is updating its Tribal Policy that guides how the agency implements a framework for nation-to-nation relations with federally recognized tribal governments, recognizing tribal sovereignty, self-governance, and our trust responsibility consistent with applicable authorities. This updated policy will supersede the current FEMA Tribal Policy, issued in 2013, which expires on December 30.
Tribal officials can submit comments on the FEMA Tribal Policy until October 28 through:
• E-mail to tribalconsultation@fema.dhs.gov
• Mail to ATTN: Margeau Valteau, Office of External Affairs (OEA), DHS/FEMA, 500 C Street SW, Washington, DC 20472-3605.

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. The document is the result of a year-long effort to identify potential indicators of community resilience capacity building that align with the Mitigation and Recovery Core Capabilities under the National Preparedness Goal. Learn more details about this initiative through FEMA and NOAA partnership
here.

Important Dates & Deadlines

Second Version of Public Assistance Program and Policy Guide Public Comment Deadline

Tribal Consultation to Tribal Policy Deadline

Interim National Cyber Incident Response Plan Update National Engagement Period Deadline

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

Online Trainings/Certificate Programs

Webinar | Cybersecurity 101: Protecting Your Business from Cybercrime

Thursday, October 27 | 1:00 PM ET / 10:00 AM PT

Attend to find out more about the rising threat to small and midsize businesses, and the five ways you can protect yourself. In this compelling webcast, you'll learn about:

- New wave cybercriminals: Know what you're up against in this brave new world of cybercrime. Learn about the different categories of cybercriminals, including the sophisticated blackhats who operate like a well-run business.
- Crimeware kits: Learn about the different "services" cybercriminals have access to that can completely disrupt and harm your organization.
- Combating cybercrime: Defeating a formidable enemy requires a formidable strategy. Learn five ways SMBs can defend themselves from this insidious threat.

Register now to see how your organization can protect itself from cybercrime.

"Connect, Plan, Train, and Report" Program for businesses and critical infrastructure.

Please join a member of the DHS Office of Infrastructure Protection, Region II Protective Security Advisor program to learn more about critical infrastructure, and the tools and resources available to help you apply the Connect, Plan, Train, and Report framework to your risk management activities. The goal of the webinar is to help you better understanding the resources available to support risk reduction activities for critical infrastructure.

This webinar would be good for businesses, government agencies, or other critical infrastructure managers would like to learn more about protecting your employees, infrastructure, and business processes.

The webinar will be Wednesday, November 9 from 1200 – 1300.
Please register your name, agency, state, and email by the following link:
https://fema.connectsolutions.com/r2nov2016/event/registration.html

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Rescheduled webinar - "ADA National Network Learning Session: National Fire Protection Association's Emergency Evacuation Planning for People with Disabilities"

October 27th, 2016

Webinars begin at 2.30pm ET/1.30pm CT/12.30 pm MT/11.30am PT/8.30am Hawaii. Registration: Free on-line at

http://www.adapresentations.org/registration.php. **This webinar has been rescheduled for October 27, 2016. Registration has been re-opened.**

Webinar | Power Up Your Small Business: Technology Trends

Thursday, October 27 | 12:00 PM ET / 9:00 AM PT

Fire Prevention Resources for Faith-based and Community-Based Organizations

How to Join the Webinar:

- Please click here to register for the event using the Adobe Connect registration web link.
    - Registering for the webinar ensures you can receive a recording once its available. https://icpd.adobeconnect.com/fireprep1/event/registration.html

In this email, you will find a summary and the unedited transcript from our regional webinar. I have also included the registration information for the New England Higher Education Emergency Managers Symposium that will be held December 1st and December 2nd. Last but not least, because October is Cybersecurity Awareness month, attached you will find a Cyber Bulletin from FEMA's Cyber Security Division that has some very useful information about social media threats and phishing attacks.

The next **webinar is scheduled for: December 14th at 10:00 AM**. The topic for this webinar will be announced within the upcoming weeks. Please find all of the aforementioned information attached and/or below:

Recap/Summary

- Higher Education Webinar Presentations (attached)
- Unedited Transcript | 9-21 Campus Preparedness Webinar (attached)
- Edited Recording: https://icpd.adobeconnect.com/p3y739gik33/ (Please note that viewers can still access/download the files from the share pods)
- The Emergency Management Institute (EMI) also held a HiEd webinar on September 28th. You can find more information here: "Chat: The Role of research in emergency management higher education."

Cybersecurity for Small Businesses

This self-paced training exercise provides an introduction to securing information in a small business.
Topics include:

- Defining cybersecurity
- Explaining the importance of securing information through best cybersecurity practices
- Identifying types of information that should be secured
- Identifying the types of cyber threats
- Defining risk management

Protecting Your Digital Content

But one major challenge of this digital transformation is keeping digital content, especially sensitive information, secure in a time of increased cyberthreats.

Join us online on **Thursday, October 27 from 2 - 3pm ET/11am - Noon PT** to discuss the importance of content security in government.

Register Now

Catalog: Trainings/Events

FEMA EMI Training Opportunity: Course: L0388 Advanced Public Information Officers

The Advanced Public Information Officer Course provides participants the knowledge and skills to establish, manage and work within a joint information center (JIC) through multimedia lectures and individual and group activities.

Course Dates:
February 27 – March 3, 2017
Travel Dates:
February 26 and March 4, 2017
Course Length:
This course is five (5) days in length.
• Registration: 7:45am – 8:00am
• Course time: 8:00am – 5:00pm

Location:

King County
Office of Emergency Management
3511 NE 2nd Street Renton, Washington 98056

1286 -Training Opportunity - L0388 - Feb 27-Mar 4, 2017 Renton WA

2017 Governor's Hurricane Conference has extended deadline for speaker presentations to Oct. 28, 2016

IAEM

Due to recent tropical weather activity and the probability of many new program suggestions since Hurricane Matthew, the Governor's Hurricane Conference (GHC) program committee has extended its call for speaker presentations until Oct. 28, 2016. The call for presentations form is posted online, along with other information about the conference. The 2017 GHC, scheduled for May 14-19, 2017, in West Palm Beach, Florida, will focus on hurricane planning, preparedness, response, recovery, and mitigation. The event provides an opportunity to learn from the successes of others and identify proven best practices, as well as learn what mistakes to avoid before it's too late. The 2017 GHC will include: more than 300 hours of training sessions and workshops; talks from emergency management and industry leaders; technical and in-depth disaster preparedness, weather, and emergency management discussions; and 100 vendors showcasing state-of-the-art technologies, products, and services.

DHS's Cybersecurity Engagement Highlights

- Undersecretary for National Protection and Programs Directorate Suzanne Spaulding will address the Cambridge Cyber Summit in Cambridge, MA on October 5, 2016. The summit will be hosted by the Aspen Institute, in partnership with CNBC and MIT. Please visit the summit's website for additional information.

- DHS joined the Department of Justice for the Cybersecurity Conference for Lawyers at The Wilson Center on September 28, 2016. Cybersecurity is something of a new legal frontier, and this collection of legal experts shared their advice and expertise by providing invaluable resources for lawyers on compliance, regulations, liability, and other legal issues. Please click here for a webcast recap.

- Senior leaders from the Department, including Deputy Secretary Alejandro Mayorkas, Assistant Secretary for Cybersecurity and Communications Andy Ozment, and others participated in the 5th Annual Cybersecurity Summit hosted by the U.S. Chamber of Commerce on September 27, 2016. Now in its fifth year, the summit is an opportunity for the public and private sectors to explore the latest threats, discuss the future of cyber policy, and promote best practices.

New England Higher Education Emergency Managers Symposium

Thursday, December 1 & Friday, December 2, 2016
The Babson Executive Conference Center; Wellesley, MA

The Emergency Managers of The Boston Consortium for Higher Education in conjunction with the International Association of Emergency Managers (IAEM)UCC invite you to attend the inaugural New England Higher Education Symposium. This two-day event will bring together higher education emergency management professionals to discuss topics based on results from our recent survey. It will feature panel discussions of topics essential to new emergency managers or higher education professional tasked with emergency management among other duties. (Registration Link)

COCA Training and Conferences

The COCA Training and Conferences webpage has been updated to include conferences from October 2016 – March 2017. Visit the webpage to learn about conferences sponsored by CDC, other federal agencies, and COCA partners.

Emergency Preparedness and Response Training Resources

COCA's Emergency Preparedness and Response webpage contains information on scheduled and on-demand emergency preparedness and response training resources offered by CDC, other federal agencies, and COCA partners.

DHS Seeks Public Feedback for Draft Interim National Cyber Incident Response Plan Update

National engagement provides an opportunity for interested parties to comment and provide feedback on the NCIRP to ensure it continues to reflect the collective expertise and experience of the whole community in response to cyber incidents. The draft plan is available for review and feedback at https://www.us-cert.gov/ncirp. Webinars are also available. Please use the submission form to provide any comments and recommendations and email them to FEMA-NCIRP-engagement@fema.dhs.gov by **5 p.m. EDT on October 31**. More information is available on the DHS blog.

DHS and Center for Homeland Defense and Security is Holding a Call for Papers and Presentations

The Tenth Annual Homeland Defense & Security Education Summit is set for March 23-24, 2017. The Center for Homeland Defense and Security (CHDS) is partnering with the Department of Homeland Security and the Federal Emergency Management Agency's National Preparedness Directorate for the event, which will be hosted by George Mason University's Center for Infrastructure Protection and Homeland Security at their Arlington, Virginia campus. CHDS is inviting submissions of papers and presentations for the summit. The summit's theme is Overcoming Barriers: Looking at the Next 10 Years of Homeland Security Strategies, Plans, Policies and Education. For more details on submission procedures and information on the Summit, visit: https://www.uapi.us/programs/2077. The deadline for Submissions is **December 1**.

Critical Infrastructure Resilience Institute Announces New Funding Opportunity

The Critical Infrastructure Resilience Institute (CIRI), a Department of Homeland Security Center of Excellence led by the University of Illinois at Urbana-Champaign, announced a new request for proposals (RFP) for interdisciplinary research, technology development, education and workforce development relevant to the resilience and security of the nation's critical infrastructure.

Interested applicants should review the National Infrastructure Protection Plan 2013 (NIPP 2013)and Critical Infrastructure Security and Protection R&D Plan (CISR R&D November 2015) before responding to this RFP. Details and supporting documents of the RFP are posted athttp://ciri.illinois.edu/rfp-2016. Applications are due by **October 24**.

FEMA Announces New Emergency Management Course

FEMA's Emergency Management Institute (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 Emergency Management Institute, National Emergency Training Center (NETC) at Emmisburg, 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.

For more information, contact Lillian Virgil at Lillian.virgil@fema.dhs.gov.

CyberCorps: Scholars for Service Announces Virtual Career Fair

CyberCorps will be hosting a virtual career fair for qualified assurance and cybersecurity candidates on **October 20**. The event will take place from 9:00 a.m. to 5:00 p.m. EDT. More information regarding the event will be made available as the event approaches.

Catalog: Online Public Health Videos & Webinars and Literature

Public Health Preparedness

Emergency Preparedness and Response for Health Professionals – (CDC)
Find preparedness resources for health professionals at
http://emergency.cdc.gov/health-professionals.asp

Emergency Preparedness and Response Training Resources for Clinicians – (CDC)
Find online and in-person training resources at
emergency.cdc.gov/coca/trainingresources.asp

NGA releases issue brief on preparedness for and response to public health emergencies

The National Governors Association (NGA) has developed a new issue brief, Improving State Efforts to Prepare and Respond to Public Health Emergencies, highlighting steps that states can take to improve preparedness when dealing with public health emergencies. The report also provides action items that governors can take back to their states to improve preparedness.

Considerations for developing a Zika virus vaccine

A safe and effective vaccine to protect against Zika virus infection is essential and should be feasible to develop, according to a **new perspective** from federal officials in The New England Journal of Medicine. The experts describe three potential strategies for conducting Zika vaccine clinical trials with each strategy dependent on disease incidence and likelihood of generating reliable data.

Related Information

- Zika response updates from FDA
- Zika virus information from NIAID, including vaccines in development
- BARDA's medical countermeasure response to Zika, including information for product developers on submitting ideas
- Disaster recovery and environmental health
  https://disasterinfo.nlm.nih.gov/enviro/disasterrecovery.html

A Path to Global Health Security

Global Health Security Agenda

CDC Director Dr. Tom Frieden and other world leaders met this week in the Netherlands to advance the Global Health Security Agenda (GHSA). The aim of this agenda is to accelerate progress toward a safe world and to promote global health security as an international priority

Click the image to learn more about GHSA and its importance in the face of threats like Zika!

Additional readings:

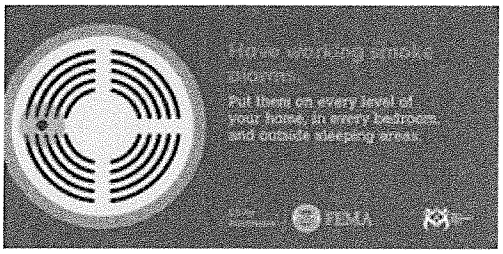
Natural Disasters and Severe Weather

Hurricanes and Other Tropical Storms – (CDC)
http://www.cdc.gov/disasters/hurricanes/index.html

Food and Water Needs: Preparing for a Disaster or Emergency – (CDC)
http://www.cdc.gov/disasters/foodwater/

Health and Safety Concerns for All Disasters – (CDC)
http://www.cdc.gov/disasters/index.html

Have Working Smoke Alarms



Each year, fire departments respond to more than 350,000 home fires. The U.S. Fire Administration (USFA) reports that these fires cause nearly 2,500 deaths and billions of dollars in damages. Almost three out of five of these deaths happened in homes with no working smoke alarm.

According to the USFA, when you have working smoke alarms and home fire sprinklers, you reduce your risk of dying in a home fire by 82 percent.

You can find more information about smoke alarms, escape plans, home fire sprinklers, and a home safety checklist as well as other fire safety topics at www.usfa.fema.gov.

RELIEF IN ACTION: HURRICANE MATTHEW

GET THE LATEST ▶

National Cybersecurity Center of Excellence seeks comments regarding project on authentication for law enforcement vehicles systems

The National Cybersecurity Center of Excellence (NCCoE), part of the National Institute of Standards and Technology (NIST), is currently undertaking a project on Authentication for Law Enforcement Vehicle Systems and is seeking feedback from Emergency Services Sector organizations. Please review the draft project description and send your comments via the online comments form or email. The comments period closes on **Nov. 10, 2016**.

Residents in the nation's north warned of an above-average cyclone season in 2016-17

Residents in northern parts of the nation are being warned to prepare for a busy cyclone season with at least 11 storms expected to form. The Bureau of Meteorology's Climate Prediction Services Manager Dr. Andrew Watkins said the very active season is due to neutral to weak La Niña conditions in the tropical Pacific Ocean. **READ MORE**

Experts: Disaster management needs more NGO representation

Disaster management experts in Oman have called for greater representation from private and non-governmental organizations in the National Committee for Civil Defence to effectively deal with disasters such as tropical cyclones. **READ MORE**

Drones changing disaster management

The country's disaster management agencies will be more frequently using unmanned aerial vehicles, commonly known

as drones, in preparing for humanitarian aid, as the technology has significantly improved ways to manage responses to disasters. **READ MORE**

New earthquake fault found next to San Andreas in California

A new fault in California has been discovered by scientists, and it runs parallel to the San Andreas Fault along the northeastern shore of the Salton Sea. That finding was published in the "Bulletin of the Seismological Society of America," and coincidentally follows a swarm of earthquakes in that area that started on Sept. 27, and placed Southern California on alert for the possibility of a major quake. **READ MORE**

Study finds increase in school shootings at colleges in US

Figures from a new study show an increase in the number of shootings on or near college campuses over the last 15 years. The study, conducted by the Citizens Crime Commission of New York City, looked at 190 incidents where at least one person was shot at 142 colleges from the 2001-2002 school year to the 2015-2016 school year. **READ MORE**

Hurricane Matthew was deceptively powerful

As Hurricane Matthew barreled toward the Southeast, millions of Americans fixated on a single measure of its destructive power: wind speed. While they tracked miles per hour like adrenaline junkies watching a speedometer, they took their eyes off a far more important factor. It was rain, not wind that dealt the most damage as Matthew rumbled ashore. **READ MORE**

How depth factors into earthquake damage

Depth factors into how much damage an earthquake may cause. Temblors of the same magnitude will generally have less effect at the surface if they are deep, Oklahoma Geological Survey Director Jeremy Boak said. In some cases, the amount of shaking that goes on is conditioned by ground conditions, soil conditions and things like that, Boak said. **READ MORE**

Why it matters when Waffle House closes during a hurricane

Today via MSN

Amidst all the government warnings, politicians urging evacuation and dire predictions by meteorologists, there is one development that officially drives home the point that a serious hurricane is on the way. The local Waffle House is closed. The chain of 24-hour diners in the South is known to stay open through almost anything. When the company announced on Friday that a stretch of 25 locations in Florida, Georgia and South Carolina would be closed as Hurricane Matthew approached, that was a sign to many about the storm's severity. **READ MORE**

Study: Wildfires getting worse due to climate change

SFGate

Wildfires in California and across the West have become twice as destructive over the past three decades due to climate change, taking a toll that will only continue to escalate, according to research. The study by scientists at the University of Idaho and Columbia University found that 10.4 million acres — an area about 30 times the size of Los Angeles — burned between 1984 and 2015 as a direct result of human-caused global warming. A total of 23.5 million acres was scorched in Western states during the period. **READ MORE**

Scientists in California just discovered a new type of earthquake

Science Alert

Researchers in Southern California have discovered a new type of earthquake that can occur a lot deeper than expected

— more than 15 miles deep, in Earth's upper mantle. This new type of earthquake can't be detected by traditional seismic sensors, and has the potential to make quakes much more destructive than previously predicted. **READ MORE**

—

A nuclear power plant was the victim of a cyber attack. How vulnerable is our energy grid?

Concerns that the global energy infrastructure is becoming an increasingly tempting target for disruption and sabotage is on the rise. The International Atomic Energy Agency reiterated its concerns about attacks on nuclear systems this week, with director Yukiya Amano telling Reuters that there has been at least one successful disruptive attack on a nuclear power plant several years ago – though he did not name the plant, specify the extent of the attack, or disclose who carried it out. **READ MORE**

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Global Preparedness Center publishes Final Report on 2016 CAP Implementation Workshop

IAEM

The Global Preparedness Center has published the final Report of the 2016 Common Alerting Protocol (CAP) Implementation Workshop, which was held in August 2016 in Bangkok, Thailand, and hosted by the Asian Institute of Technology (AIT) and the Sahana Software Foundation. The International Federation of Red Cross and Red Crescent Societies, the International Telecommunication Union, the OASIS standards organization, and the World Meteorological Organization sponsored the workshop. CAP Implementation Workshops focus on emergency alerting as enabled by the CAP standard, ITU-T Recommendation X.1303. At the workshops, implementers of CAP and associated organizations discuss common issues and how best to expand adoption of CAP. Workshop presentations are also available online. Tentative plans are underway to hold a 2017 CAP Implementation Workshop in Rome and a 2018 CAP Implementation Workshop in Hong Kong.

Hurricane Matthew's US death toll rises to 33 as flooding chaos continues

The Guardian

The death toll from Hurricane Matthew in the United States climbed again on Tuesday as officials warned of a continuing threat from floodwaters still rising in several areas of North Carolina. Overnight, four more people were reported killed in the state, Governor Pat McCrory announced at a morning briefing, bringing the tally in North Carolina to 14. **READ MORE**

Hurricane Matthew tears through the Bahamas

CBS News

Hurricane Matthew tore through the Bahamas last Thursday, the wind and storm surge was so powerful boats were smashed onto shore. Hurricane winds over 140 mph ripped the roof off of a house in the Bahamas. CBS News felt the wrath of Matthew as the storm hit overnight in Exuma. **READ MORE**

RED CROSS NEWS

One Month Later, Red Cross Still Helping Louisiana Residents Recover

Family helped not once, not twice, but three times by the American Red Cross

Information Sharing and Analysis Center (EMR-ISAC)

The EMR-ISAC InfoGram for October 13, 2016 contains the following articles:

1. Handling Death Notifications at a Distance

2. National Cyber Incident Response Plan

3. Chemical Facility Safety and Security Webinar

IMPROVING ACCESS TO DISASTER HEALTH INFORMATION

Disaster Information Management Research Cent

National Library of Medicine | National Institutes of Health

The Hurricane Matthew Health Related Resources page includes links to state agency information, as well information for Haiti and other Caribbean nations, and serves as a good place to start in finding recovery information: https://disasterinfo.nlm.nih.gov/dimrc/hurricanematthew.html.

You can also find resources to help your community, including cleanup and recovery workers, stay safe:

- Hurricane cleanup and recovery: https://disasterinfo.nlm.nih.gov/enviro/hurricane.html#a3
- Floods, including mold and vector-borne disease: https://disasterinfo.nlm.nih.gov/dimrc/floods.html

Wildfires Resource Collection

This collection of resources compiled by the SAMHSA Disaster Technical Assistance Center (DTAC) provides links to information about carin your emotional and physical well-being after a wildfire.

Ready.gov: Wildfires

The Federal Emergency Management Agency (FEMA) presents steps to take if the National Weather Service issues a fire weather watch ale your area. The website defines a fire weather watch and lists steps to prepare for a wildfire and return home safely after one. Links are pro a template emergency plan and other preparedness tools.

Wildfires

The Occupational Safety and Health Administration helps employers ensure worker safety in the event of a wildfire and supports workers i protecting themselves as they fight fires and support post-fire cleanup and recovery. The site features information about safety equipment trainings for responders, and quick-reference cards and fact sheets in English and Spanish about wildfire hazards.

Wildfire

The American Red Cross provides an overview of wildfires; discusses risk of wildfires; and provides instructions and links to information abc wildfire preparedness, response, and recovery. The site offers a link to a checklist with steps to take before, during, and after a wildfire and American Red Cross Wildfire app available for iOS and Android devices and in Spanish as well as English.

After a Wildfire

The Centers for Disease Control and Prevention (CDC) offers tips and links for post-wildfire safety, suggestions for managing common emot and behavioral reactions to wildfires, and sources of additional behavioral health support.

Natural Disasters: Wildfires

The National Child Traumatic Stress Network presents an overview of wildfires and common reactions in children and families, as well as li tools to help you prepare your family for a wildfire, respond in the event of a wildfire, and support your own and your children's post-wildf behavioral health.

Recovering From Wildfires

The American Psychological Association identifies some aspects of wildfires that affect how people respond to them, typical responses to v and tips for coping and helping your family cope in the aftermath of a wildfire. The article also covers signs of the need for professional bel health support.

Project Wildfire: A Community Approach to Surviving Wildfires

This post to the CDC's *Public Health Matters* blog describes Project Wildfire in Oregon. Project Wildfire uses an approach called "whole con that FEMA identified as an ideal way to involve communities in successful management of disasters and other emergencies. The project ma as a useful model for other communities at risk of wildfires and interested in increasing preparedness and resilience.

Communication Tips: "Managing Multiple Messengers"

Understanding the communication roles and responsibilities of different responders can be challenging. Within each agency, separate prog departments may handle different areas of a crisis, including the following:

- Planning
- Preparedness
- Training
- On-the-scene assistance
- Consequence management
- Coordination
- Communication

For more resources and information on CERC, please see Crisis and Emergency Risk Communication, 2014 Edition or Cr and Emergency Risk Communication Pandemic Influenza, 2007.

World Disasters Report 2016: Resilience: Saving Lives Today, Investing for Tomorrow

10/14/2016 05:00 PM EDT

International Federation of Red Cross and Red Crescent Societies. 09/05/2016
This 282-page report makes the case for an approach to humanitarian action that strives to strengthen the resilience of vulnerable and at-risk communities. It argues that the concept of resilience provides a readily-understandable approach for addressing many of the challenges faced in humanitarian aid. It reflects a particular time in the international community's approach to disasters and other crises, when better evidence is demanded to make choices about where to invest limited resources in the face of growing need.
(PDF)

National Health Security Strategy and Implementation Plan Strategic Messaging Guide for Loc Health Departments

10/14/2016 05:00 PM EDT

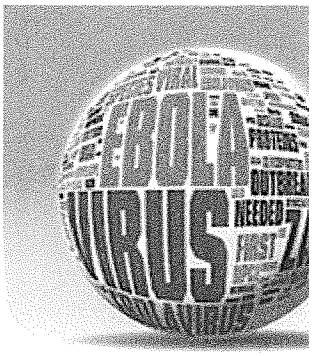
National Association of County and City Health Officials. 09/2016
This 20-page tool can be used by local health department staff to create and communicate messages about national health security to media outlets, policymakers, and the public. The messages in the guide were generated by utilizing the National Health Security Strategy and Implementation Plan, field expertise, and feedback from local health department staff. The messages can be edited and expanded to reflect specific local health department activities and effectively demonstrate the importance of national health security.
(PDF)

Zika Situation Report: 13 October 2016

10/13/2016 05:00 PM EDT

World Health Organization. 10/13/2016
This Web page provides a summary of the latest information about the Zika virus outbreak, as of October 13, 2016. It provides map and list of countries, territories, and areas showing the distribution of Zika virus, 2013-2016; key updates on the outbreak and analysis.
(Text)

From the ASPR Blog: Better preparing for future Ebola outbreaks globally



The Ebola outbreak of 2014 highlighted the urgent need for drugs that could help patients survive infection and that could be used to help limit the spread of this deadly virus. ASPR is working with its partners in government, industry, and around the globe to develop medical countermeasures that are effective and a roll-out plan for the drug that is efficient and culturally appropriate in West African countries, including Guinea, Liberia and Sierra Leone. Learn More >>

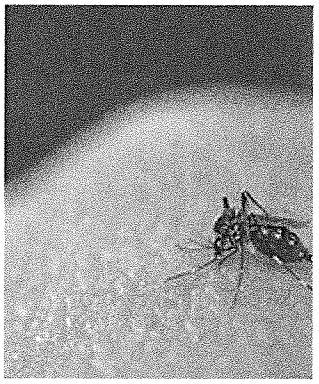
Preventing mold growth after a hurricane or flood

This week, Hurricane Matthew slammed into the east coast. The storm's impacts were felt after the hurricane passed, as floodwaters covered many areas. In the past 5 years, all 50 states have experienced floods or flash floods. Whether you are trying to recover from Hurricane Matthew or you want to make sure that your family is ready if your home is ever flooded, take some time to learn about removing mold and cleaning up safely after a disaster. Learn More >>

Helping children cope with disasters

After a disaster strikes, children rely on parents, caregivers and teachers more than ever for reassurance and guidance. But telling whether or not children are stressed after a disaster and finding ways to help them can be hard. Some children react right away; others may show signs that they are having a difficult time much later. Learn how you can spot common signs of stress and help children cope with disasters. Learn More >>

Preventing the spread of Zika after your trip



Have you traveled to an area with Zika? Help prevent the spread of the disease after your trip—even if you don't feel sick. Take steps to prevent mosquito bites for 3 weeks after visiting a destination with Zika to make sure you don't spread it to mosquitoes in your area. Because Zika can also be spread through sex, you should use condoms after travel, especially if your partner is pregnant. If your partner is pregnant, use condoms or don't have sex for the rest of her pregnancy. If you feel sick after travel, talk to your doctor. Learn More >>

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