

# **National Hurricane Conference**

**The Nation's Forum for Education and Professional Training in Hurricane and  
Disaster Preparedness**

**April 17-20, 2017  
National Hurricane Conference**

**Hyatt Regency New Orleans  
New Orleans, LA  
[www.HurricaneMeeting.com](http://www.HurricaneMeeting.com)**

Following are the Training Sessions, General Session and Workshops for the 2017 National Hurricane Conference. We have requested that speakers share their sessions on our website and as they respond we will upload them here. Please use the find button to search for a specific training session, workshop, or speaker. If the one you are looking for is not yet uploaded, please try again later.

**Save The Date for the 2018 National Hurricane Conference  
March 26-29, 2018  
Hilton Orlando, Orlando, FL**

**CONCURRENT SESSIONS**      **Monday, April 17, 2017 8:30 am to 12:00 pm**

**Public Education/Media Workshop**

"Preparing the Public for Disasters: Examples of Current Public Outreach Programs to Increase Preparedness"

**Monday, April 17, 2017**

**Time: 8:30 am to 12:00 pm**

This workshop will provide examples of successful programs across the US that are using creative approaches to prepare their public for the next disaster. Learn how New York City's Award Winning Ready Girl Campaign has become a preparedness hero for the city's youth. Eye of the Storm is a collaborative community education outreach event at the Museum of Discovery and Science (MODS) in Fort Lauderdale that includes special hands-on, interactive activities and demonstrations teaching hurricane science, mitigation and preparedness, and learn how the City of New Orleans is educating its citizens on evacuation procedures with its Evacuteer program.

This session will also share the advantages of targeting youth in communicating preparedness messages and improving community resilience.

Moderator/Speaker:

**Greg Padgett**, Strategic Communications Analyst, ICF, Atlanta, GA

Speakers:

**Katelyn James**, Ready Girl Campaign, NYC Office of Emergency Management, Brooklyn, NY

**Eric Salna**, Associate Director, FIU Extreme Events Institute, Miami, FL

**Kali Rapp Roy**, Executive Director, Evacuteer Program, City of New Orleans, New Orleans, LA

**Erin Burns**, NOLA Ready Program, City of New Orleans, New Orleans, LA

**Response Training**

**"The Emergency Management Assistance Compact: The Process of EMAC"**

**Monday, April 17, 2017**

**Time: 8:30 am to 12:00 pm**

The Emergency Management Assistance Compact (EMAC), established in 1996 stands today as the corner stone of mutual aid. The EMAC aid agreement and partnership between member states exist because all states share a common enemy: the threat of disaster. EMAC is the first national disaster relief compact to be ratified by Congress since the Civil Defense and Disaster Compact of 1950. All 50 states, District of Columbia, Puerto Rico, Guam and the U.S. Virgin Islands have enacted legislation to become EMAC members. The strength of EMAC, and the quality that distinguishes it from other plans and compacts, lies in its ability to move any resource from state to state, including medical resources.

During hurricanes, having access to essential resources enables local governments to manage emergencies more effectively.

This training will focus on the 5 phase EMAC process, Pre-Event Preparation, Activation, Request & Offer, Response and Reimbursement, which enable local governments to request and provide assistance through EMAC more effectively. It will also clarify specific actions taken by local government within each phase as well as the concept of Mission Ready Packaging, part of pre-event preparation: and the use of which will greatly facilitate identifying, mobilizing and deploying city, county and state resources for both intrastate and interstate use. This session will conclude with an overview of initiating the reimbursement phase with resource providers, assisting state and deployed personnel.

Moderator:

**Rupert Lacy**, Harrison County EMA, Gulfport, MS

Instructor:

**Leon Shaifer**, EMAC Senior Advisor, National Emergency Management Agency, Brandon, MS

### **Recovery Training**

#### "Disaster Debris Monitoring and Contractor Procurement"

**Monday, April 17, 2017**

**Time: 8:30 am to 12:00 pm**

In today's world, a community cannot plan enough for a potential disaster, especially a flood, tornado, earthquake or hurricane. This session provides effective strategies and case studies that will help a community or utility manager plan, respond to and recover from a disaster. The strategies integrate the keys to debris management success such as leadership, planning, technology and organizational approaches, while providing proven hands-on examples to developing the strategies and approaches that will work best for your community.

The strategies address the key issues that face a community when preparing, responding and recovering from a hurricane or similar disaster. We look at the challenges from an administrative, engineering/operational, and financial perspective providing examples of the challenges, mistakes and lessons learned from previous disaster events drawing from various case studies and past experiences associated with ESF3 operations.

We will introduce participants to various debris management/damage assessment procedures, as well as introduce the participants to pertinent federal regulations for debris contracting and monitoring and financial reimbursements.

Instructor:

**Kirby McCrary**, Disaster Services Program Manager, Volkert, Inc., Winston-Salem, NC

## **Fire-Rescue/Law Enforcement Training**

### **"Utilizing Unmanned Aircraft Systems in Emergencies and Disasters"**

**Monday, April 17, 2017**

**Time: 8:30 am to 10:00 am**

This session will focus on the use cases for unmanned aircraft systems (UAS) as applied to emergencies and disasters. Examples will include USAR, wide area search, firefighting, and damage assessment. The session will discuss the regulatory issues, equipment, and training and development of UAS teams. The session is designed to familiarize policy makers and practitioners of what is possible and how to develop a UAS program.

Moderator/Speaker:

**David F. Merrick**, Center for Disaster Risk Policy Emergency Management and Homeland Security Program, Florida State University, Tallahassee, FL

## **Business, Industry & Economic Resiliency**

### **"Business Continuity Planning - So You Have a Plan, Let's Test It Out!"**

**Monday, April 17, 2017**

**Time: 8:30 am to 12:00 pm**

This training session uses a combination of lecture, discussion and hands-on activities that lead to the development of a table top exercise. This session will walk participants through the basic principles of a table top exercise and then how to build and execute a successful table top exercise. The goal of this session is to enable businesses of any size and capability to create, maintain and exercise a business continuity plan to contribute to the resiliency of the company and the community in which it operates.

Moderator/Speaker:

**Justen Noakes**, Director of Emergency Preparedness, H-E-B, San Antonio, TX

Speaker:

**Kimberly Carty**, Project Leader, Business Continuity/Disaster Recovery, ARI, Mt. Laurel, NC

## **Healthcare Workshop**

### **"Plans are Great, but Does Anyone Read Them?"**

**Monday, April 17, 2017**

**Time: 8:30 am to 12:00 pm**

This session discusses consolidating emergency plans and annexes into easily referenced "playbooks" for disasters. This concept has allowed very voluminous plans to be quickly referenced during emergency situations, allowing front-line staff to take necessary actions and provide an overall picture of the response to personnel operating at the command level. The session will include a walkthrough of how to

design a playbook based on an existing plan to provide learners with the tools they need to be able to do design playbooks for their own institutions.

Moderator:

**Larry Green**, Director of Safety, Johns Hopkins All Children's Hospital, St. Petersburg, FL

Speaker:

**Richard Smith**, Training Specialist, Vecio, New Haven, CT

### Reservation Required

**EMI L0202 Debris Management for State, Local and Tribal Officials**

**Monday, April 17, 2017 and Tuesday, April 18, 2017**

**Time: 8:30 am to 5:00 pm**

This **2-day** course provides an overview of issues and recommended actions to prepare for, respond to, and recover from a major debris-generating event (with emphasis on state and local responsibilities).

The course is intended for local, state and federal personnel who are responsible for planning and/or implementing debris removal and disposal.

Instructor:

**Martin DiGregory**, Emergency Management Institute, Emmitsburg, MD

### Reservation Required

**G290 Basic PIO Training**

**Monday, April 17, 2017 and Tuesday, April 18, 2017**

**Time: 8:30 am to 5:00 pm**

The emphasis of this 2-day course is on the basic skills and knowledge needed for public safety, emergency management, and government/municipal public information activities. Topics include communication tools, strategic communications, social media, news release writing skills, public speaking, and conducting on-camera interviews and news conferences. This is an elective course in the Advanced Professional Series program.

The primary audience for this training is public information officers who are new to the field or less experienced, or established PIOs who want to update their training responsibilities as their main job or as an auxiliary function at the federal, state, local, tribal or territorial level of government, and in the private and nongovernmental sectors.

Instructors:

**Brennan Matherne**, PIO, Lafourche Parish Sheriff's Office, Lockport, LA

**Michael Jachles**, PIO, Broward Sheriff's Office, Fort Lauderdale, FL

**Greg Flynn**, Communications Director, Mississippi Emergency Management Agency, Pearl, MS

### Reservation Required

#### **EMI L0311 Hurricane Readiness**

**Monday, April 17, 2017**

**Time: 8:30 am to 5:00 pm**

This 1 day course is an introduction to the National Hurricane Center's forecast procedures and products and the National Hurricane Program's tools for how to incorporate them into planning and response. Topics include hurricane hazards, how forecasters use model guidance, readiness checklists, decision aids, and evacuation planning.

This course is intended for planners responsible for developing or revising hurricane operations plans and procedures for coastal and inland communities.

Instructors:

**Tiffany Hersey**, FEMA Hurricane Program Liaison, National Hurricane Center, Miami, Florida

**John Boesch**, Hurricane Program Manager, FEMA Region VI, Denton, TX

### Reservation Required

#### **Intro to HURREVAC**

**Monday, April 17, 2017**

**Time: 8:30 am to 12:00 pm**

HURREVAC is a decision-support tool used by emergency managers to gather the information they need to assist their hurricane preparations and evacuation decisions. The software couples hurricane evacuation study (HES) data with real-time weather forecast data from the National Hurricane Center. This combination allows users to graphically display specific local evacuation decision time guidance to support decision-making as hurricanes approach.

The  $\frac{1}{2}$  day **Intro to HURREVAC** class includes the basics for beginners and provides an overview of how the software works and the features and functionality it includes. All HURREVAC classes are intended for Government Emergency Managers.

Instructors:

**Donald E. Cresitello**, Hurricane Program Manager, USACE-NY District, New York, NY

**Carla Quinn**, Hurricane Program Manager, USACE - Baltimore District, Baltimore, MD

## **Fire-Rescue/Law Enforcement Training**

### **"Incident Management Team Training Requirements and Team Development"**

**Monday, April 17, 2017**

**Time: 10:30 am to 12:00 pm**

Incident Management Teams (IMT) play an essential role in the management of, and response to, local/regional/national emergencies, natural disasters and public events. Fielding an IMT is more than just classroom training. Building a team starts with buy-in from stakeholders, discussion of potential legal issues, cost-sharing measures, day-to-day administration of the team, and continues with development and sustainment of team assets. The purpose of this session is to discuss the necessary communication skills, development of clear policies, recruitment of professional team members and effective training that are necessary for the successful development of highly reliable incident management teams.

Moderator:

**William A Wagner, III**, Fire Chief, Ret. Islamorada, FL

Instructors:

**Bob Koenig**, Director, All Hazard Training, Longview, TX

**Victoria Koenig**, Manager, All Hazard Training, Longview, TX

## **CONCURRENT SESSIONS**

**Monday, April 17, 2017**

**1:30 pm to 5:00 pm**

## **Public Education/Media Training**

### **"A Social Media Experiment: Simulating Disaster Response Using Real Life Social Media Messages"**

**Monday, April 17, 2017**

**Time: 1:30 pm to 5:00 pm**

In this Social Media Role Playing Exercise, participants will respond to "actual" social media injects from the public during Hurricane Matthews impact on the Southeast Coast. The attendees will play the role of agency PIOs and Directors to provide responses and manage the flow of information from the monitoring of social media.

Instructors:

**Derrec Becker**, PIO, SC Emergency Management Division, West Columbia, SC

**Omar Bourne**, Deputy Press Secretary, NY Office of Emergency Management, Brooklyn, NY

**Michael Walter**, PIO, City of Houston Emergency Management, Houston, TX

**Erin Coughlin**, Simulation Deck Specialist, Nusura, Inc., Denver, CO

## Evacuation Planning

### "Evacuation Traffic and Transportation Planning and Management"

Monday, April 17, 2017

Time: 1:30 pm to 5:00 pm

Brian Wolshon is working with a group at the University of Hawaii's FEMA-sponsored National Disaster Preparedness Training Center to develop a traffic and transportation-oriented evacuation course targeted at first-responders and possibly DOT/DPW personnel. This would be a pilot offering of the course.

Moderator/Speaker:

**Brian Wolshon**, Professor, Louisiana State University, Baton Rouge, LA

## Hurricane History Workshop

### "The History of New Orleans Flood Protection and the 1947 Hurricane"

Monday, April 17, 2017

Time: 1:30 pm to 3:00 pm

Since the founding of New Orleans in 1718, the city has battled flooding. Construction was initially limited to the slightly higher ground along old natural river levees and bayous; the largest section of this being near the Mississippi River front. Between the developed higher ground near the Mississippi and the shores of Lake Pontchartrain, most of the area was wetlands only slightly above the level of Lake Pontchartrain and sea level. The earliest drainage works elevated the river's natural levees and excavate drainage canals. Later, the swamps were drained to counter mosquito-borne diseases and to expand development. As the land subsided in the 19th century, steam pumps were set up on canals to push the water out, but were inadequate. Throughout this period, buildings flooded after heavy rainfall, and epidemics of yellow fever and malaria occurred.

This workshop will discuss the development of the initial levee systems, the ambitious plans to counter pervasive flooding with Tulane professor, Albert Baldwin Wood's revolutionary wood screw pump as the centerpiece. These talks will also discuss the evolution of the levee system for protection against hurricane storm surge. Hurricane Katrina demonstrated the need for a comprehensive risk reduction system for the greater New Orleans area. Following Katrina, Congress authorized and funded the construction of the 100-year level risk reduction system, known as the Hurricane and Storm Damage Risk Reduction System (HSDRRS). The HSDRRS includes five parishes (Orleans, Jefferson, St. Bernard, St. Charles, and Plaquemines) and consists of 350 miles of levees and floodwalls; 73 non-Federal pumping stations; 3 canal closure structures with pumps; and 4 gated outlets. The Greater New Orleans HSDRRS provides the 100-year level of risk reduction against tropical events and related rainfall and storm surges. The \$14 billion system includes the construction or improvement of 133 miles of perimeter risk reduction features, such as levees, floodwalls, floodgates, surge barriers, and pump stations. A brief overview will be provided on: 1) the infrastructure improvements; 2) the science behind the storm

surge and levee overtopping modeling; 3) possible deficiencies in HSDRRS; and 4) the communities left without protection from HSDRRS. As another example of the importance of levee protection, we will remember the 75th anniversary of the 1947 Hurricane.

Moderator:

**Pat Fitzpatrick**, Associate Research Professor, Mississippi State University, Starkville, MS

Speakers:

**Robert A. Turner, Jr.**, Director of Engineering & Operations, SLFPAE, New Orleans, LA

**David Bernard**, Chief Meteorologist, FOX 8, New Orleans, LA

**Joseph Becker**, General Superintendent, New Orleans Sewerage and Water Board, New Orleans, LA

### **Security**

#### **"Active Shooter Topic - Incorporating Best Practices"**

**Monday, April 17, 2017**

**Time: 1:30 pm to 3:00 pm**

There is a section of the OSHA Act of 1970 that specifies that employers are required to provide their employees with a place of employment that free from recognizable hazards that are causing or are likely to cause death or serious harm to employees. Today companies across the nation are providing Active Shooter training and conducting Active Shooter exercises so their employees are prepared to react during an actual event. This session will discuss Active Shooter best practices and highlight the evolution of these practices.

Moderator:

**Anthony Hurley**, Witt|O'Brien's Utility Practice, Georgetown, TX

Speaker:

**TBA**

### **Recovery Training**

#### **"You Are the Help Until Help Arrives"**

**Monday, April 17, 2017**

**Time: 1:30 pm to 3:00 pm**

For a community and the nation, public awareness and preparedness is at the heart of resilience. Research has shown that people hesitate to act when they feel they don't know what to do or are afraid action may result in making the situation worse. This presentation highlights how the national campaign "You Are the Help Until Help Arrives" works to empower the uninjured to provide life-saving care until professional help arrives. To be successful we need to spread the word and make this a collaborative effort at the national and local levels. Local leaders in emergency management, public

health, and first response are the most important voices to share the message of this campaign with the public.

This campaign is a multi-agency effort spearheaded by the U.S. Department Health and Human Services Office of the Assistant Secretary for Preparedness (ASPR) and the Medical Reserve Corps (MRC), the Federal Emergency Management Agency (FEMA), and the Uniformed Services University of Health Sciences (USUHS). Numerous federal agencies and community partners also contributed to the development of these materials and have signed on to support the campaign. Tools and resources to engage your partners and the public on this topic will be included.

Moderator/Instructor:

**Andrew Burrows**, Citizen Responder Lead, U.S. DHS/FEMA, Washington, DC

### **Accessibility & Functional Needs Training**

["Who is TRACIE and What Can She Do for Me? Introducing the ASPR Technical Resources Assistance Center and Information Exchange"](#)

**Monday, April 17, 2017**

**Time: 1:30 pm to 3:00 pm**

The HHS Assistant Secretary for Preparedness and Response has launched the Technical Resources Assistance Center and Information Exchange (TRACIE) to promote better access to information, promising practices and relevant new knowledge. TRACIE is designed to identify and remedy knowledge gaps and assist with unique and complex technical assistance to states, healthcare coalitions, communities, and involved individuals in meeting healthcare system and public health preparedness objectives. During this workshop, attendees will be introduced to the entire spectrum of support services offered by ASPR TRACIE including the website, tool kits, and offerings.

Moderator:

**Elizabeth Davis**, Executive Director, EAD & Associates, LLC, Brooklyn, NY

**Bridget Kanawati**, Assistance Center Manager, ICF TRACIE Support Team, Fairfax, VA

### **Reservation Required**

**Applying HURREVAC**

**Monday, April 17, 2017**

**Time: 1:30 pm to 5:00 pm**

HURREVAC is a decision-support tool used by emergency managers to gather the information they need to assist their hurricane preparations and evacuation decisions. The software couples hurricane evacuation study (HES) data with real-time weather forecast data from the National Hurricane

Center. This combination allows users to graphically display specific local evacuation decision time guidance to support decision-making as hurricanes approach.

The  $\frac{1}{2}$  day **Applying HURREVAC** is an intermediate level course that will focus on applying the more important features that could be useful during a hurricane approach. The Applying HURREVAC students will be expected to have a basic understanding of HURREVAC- where the buttons are and what they do. All HURREVAC classes are intended for Government Emergency Managers.

Instructors:

**Donald E. Cresitello**, Hurricane Program Manager, USACE-NY District, New York, NY

**Carla Quinn**, Hurricane Program Manager, USACE - Baltimore District, Baltimore, MD

### **2017 Outlook**

["Atlantic Basin Seasonal Hurricane Prediction and the Outlook for the 2017 Season"](#)

**Monday, April 17, 2017**

**Time: 3:30 pm to 5:00 pm**

Colorado State University's (CSU) latest forecast for the 2017 Atlantic hurricane season will be discussed in detail. An update on the current and projected trends in both El Nino and Atlantic sea surface temperatures will be presented. The 2016 hurricane seasonal forecast will be reviewed. Landfall probabilities for the United States and the Caribbean will be presented. New forecast innovations will be described such as the two- week forecasts for the Atlantic basin. The causes of observed multi-decadal variability in Atlantic basin hurricane activity will also be examined, including a discussion of whether we have moved out of the recent active Atlantic hurricane era.

Presenter:

**Dr. Philip Klotzbach**, Department of Atmospheric Science, Colorado State University, Fort Collins, CO

### **Security Workshop**

**"The Terrorist Surveillance and Planning Cycle"**

**Monday, April 17, 2017**

**Time: 3:30 pm to 5:00 pm**

During the surveillance process, a criminal or terrorist will determine if a soft or hard target is suitable for entry or attack. After research and surveillance, they will make a preliminary decision on weaknesses and strengths and conduct additional surveillance as needed. They may decide to continue with the planning of an attack (verification), or determine that the target is not as vulnerable as initially thought and decide to identify a different target. We will identify key surveillance indicators and ways to disrupt the attack planning process.

Moderator:

Anthony Hurley, Witt|O'Brien's Utility Practice, Georgetown, TX

Speaker:

TBA

### Recovery Training

#### "Post-Disaster Population Retention Strategies"

Monday, April 17, 2017

Time: 3:30 pm to 5:00 pm

This presentation will be an interactive discussion between presenters and participants to explore strategies to assist survivors to remain in their neighborhoods, which can aid post-disaster economic development by assisting small businesses to avoid closing due to a loss of customers. Strategies include the use of FEMA's STEP program to perform modest repairs to disaster-damaged homes to speed repopulation.

Instructors:

Matthew Herlocker, M.Ed, CEM, Director, Emergency Management, CB&I, Sacramento, CA

W. Kipp Nelson, JD, MBA, Director, Disaster Management Services, CB&I, Baton Rouge, LA

### Healthcare Workshop

#### "Planning and Designing Facilities to Enhance Shelter-in-Place Opportunities"

Monday, April 17, 2017

Time: 3:30 pm to 5:00 pm

This session will include an interactive discussion focusing on the various considerations facilities should make when planning and designing for Shelter-in-Place operations. The discussion will include examples of initiatives at Long Term Care, Assisted Living, Independent Living, and Acute Care Hospital settings in Florida and Rhode Island.

Moderator/Speaker:

Richard B. Smith, Training Specialist, Veoci, New Haven, CT

Speaker:

Larry Green, Director of Safety, Johns Hopkins All Children's Hospital, St. Petersburg, FL

**CONCURRENT SESSIONS Tuesday, April 18, 2017 8:30 am to 12:00 pm**

#### "ABC's of EOCs"

Tuesday, April 18, 2017

**Time: 8:30 am to 12:00 pm**

A must-see primer for those interested in learning more about what is an Emergency Operations Center, and for those considering constructing and operating such a facility. Listen to a renowned architect go over design considerations in building such a center. Also, hear emergency managers provide insight on planning for operating in an emergency operation center environment, and lessons learned in building a recently completed emergency operation center facility.

**Moderator:**

**John D. Wilson**, Chairman, Planning Committee, National Hurricane Conference, Fort Myers, FL

**Speakers:**

"Emerging Trends...and...their Impacts on EOCs"

**I.S.K. Reeves V**, President, Architects Design Group, Winter Park, FL

"Plans and the Planning Process in the Emergency Operations Center"

**Gerald Campbell**, Emergency Manager, Florida Gulf Coast University, Fort Myers, FL

"The D,E,F & G's of EOCs - Lessons Learned in Building an EOC"

**Earl Eues, Jr.**, Director, Terrebonne Parish OHSEP, Houma, LA

### **Fire-Rescue/Law Enforcement Workshop**

["Virtual Reality Simulation-Supported Hurricane Tabletop Exercises"](#)

**Tuesday, April 18, 2017**

**Time: 8:30 am to 10:00 am**

This workshop highlights the benefits and availability of virtual reality simulation technology to enhanced multi-jurisdictional training for response to or recovery from a hurricane or tropical storm. This type of training allows multiple cities, counties, and jurisdictions to participate in training that will connect multiple organizations and jurisdictions together to exercise current plans for response to or recovery from a hurricane or tropical storm. The workshop will focus on the benefits and capabilities of virtual reality simulation technology and how it can increase readiness and response for a region.

**Moderator:**

**William A. Wagner, III, CEM**, Fire Chief, Ret., Islamorada, FL

**Speaker:**

**Dan Buchanan**, Associate Training Specialist - Preparedness, TEEX | Emergency Services Training Institute, College Station, TX

### **Hurricane History Workshop**

## "The History and Outlook of Satellite Remote Sensing in Hurricanes"

**Tuesday, April 18, 2017**

**Time: 8:30 am to 10:00 am**

Hurricanes occur in the data-void ocean, and monitoring the storms have been a challenge. The advent of the satellite era in the 1960's provided a means of continuous imagery which has evolved into data products, higher resolution, and improved model predictions. The next satellite era has begun with the launch of GOES-R. Presentations will expound on satellite history, the upcoming GOES-R products, and the Cyclone Global Navigation Satellite System (CYGNSS).

Moderator/Speaker:

**Pat Fitzpatrick**, Associate Research Professor, Mississippi State University, National Hurricane Center, Starkville, MS

Speakers:

**Bradley Zavodsky**, Research Meteorologist, NASA, Huntsville, AL

**Mike Brennan**, Senior Hurricane Specialist, National Hurricane Center, Miami, FL

## **Response Training**

### **"Using Census Bureau Data for Emergency Response and Recovery"**

**Tuesday, April 18, 2017**

**Time: 8:30 am to 10:00 am**

When hurricanes strike, timely information is key in guiding effective operations for emergency response, mitigation and recovery. The U.S. Census Bureau has publicly available statistics and is the leading source of quality data about the nation's people and economy.

In this training session, you will learn how to access these free tools and datasets including: OnTheMap for Emergency Management: An intuitive web-based data tool that allows you to access detailed workforce, population, and housing characteristics for the hurricane areas in real time; American Community Survey (ACS): The only reliable and timely source of comprehensive social, economic, housing, and demographic characteristics of the U.S. population at the community level; and American FactFinder: a detailed data tool that allows you to access over 11 billion ACS statistic every year on topics such as language, disability status, vehicle availability, and much more.

Moderator:

**Rupert H. Lacy**, Director, Harrison County Emergency Management, Gulfport, MS

Instructors:

**Tyson Weister**, American Community Survey Office, U.S. Census Bureau, Suitland, MD

**Robert Sienkiewicz, PhD, MBA, Center for Economic Studies, U.S. Census Bureau, Suitland, MD**

### **Tropical Islands/Latin America Workshop**

#### **"Development and Track of Hurricane Matthew Through the Caribbean"**

**Tuesday, April 18, 2017**

**Time: 8:30 am to 10:00 am**

This presentation will focus on linking storm forecasting with National Disaster Office and Disaster Management Early Warning, including national and regional decision making.

**Moderator:**

**Clive Lorde, Disaster Risk Management Specialist, USAID/OFDA/LAC/RTI, Barbados**

**Speakers:**

**Dr. David A. Farrell, Principal, Caribbean Institute for Meteorology & Hydrology, Barbados**

**Ronald Jackson, Executive Director, Caribbean Disaster Emergency Management Agency, Barbados**

**Major Clive Davis, Director General, Office of Disaster Preparedness and Emergency Management, Kingston, Jamaica**

### **Security Training**

#### **"Physical Attack Lessons Learned from Overseas Events"**

**Tuesday, April 18, 2017**

**Time: 8:30 am to 10:00 am**

We will present observations and lessons learned from attacks, both successful and unsuccessful, that were planned and in some cases executed. These discussions, although based overseas, will highlight opportunities to evaluate our own security procedures, intelligence processes, and policies, to improve our individual security plans. As with any effective security plan, our lessons learned will focus on the multi-layer concept used by companies to protect facilities, assets and employees.

**Moderator:**

**Anthony Hurley, Witt|O'Brien's, Utility Practice, Georgetown, TX**

**Instructor:**

**TBA**

### **Recovery Workshop**

## **"Passing the Torch: How to Expedite and Enhance the Transition from Response (FEMA) to Recovery (HUD)"**

**Tuesday, April 18, 2017**

**Time: 8:30 am to 10:00 am**

Panel discussion of FEMA and HUD experts, as well as DNR practitioners, to explore potential synergies that can be utilized for future mutual benefit. Panel will discuss potential ways to reduce duplication of efforts, how to collect and share data early on, identify program needs, and how this information can be used for early recovery program design.

Moderator:

**W. Kipp Nelson, JD, MBA**, Director, Disaster Management Services, CB&I, Baton Rouge, LA

Speakers:

**Jo Carroll**, Program Manager, CB&I, Trenton, NJ

**John Moody**, Director of Operations, CB&I, Austin, TX

**Amy Peterson**, Director, NYC Housing Recovery Office, New York, NY

**Rudy Giuliani**, Bureau Director, NYC Housing Recovery Office, New York, NY

## **Healthcare Workshop**

### **"The New CMS Rule and Implications for Healthcare Planning and Response"**

**Tuesday, April 18, 2017**

**Time: 8:30 am to 10:00 am**

This session will include an interactive discussion between the session moderator, presenter, and participants on the various aspects of the new CMS rule affecting healthcare planning, training, and exercises. The session will outline the basics of the new rule, the facilities affected, and discuss overlaps and gaps with other standards healthcare organizations typically comply with.

Moderator:

**Richard Smith**, Training Specialist, Veoci, New Haven, CT

Speaker:

**Larry Green**, Director of Safety, Johns Hopkins All Children's Hospital, St. Petersburg, FL

## **Insurance Training**

### **"Tools to Put More Management into Risk Management"**

**Tuesday, April 18, 2017**

**Time: 10:30 am to 12:00 pm**

Risk can be mitigated through insurance, but uncertainty in the degree of risk can increase what people pay to mitigate that risk. In the case of a hurricane, there is the risk of direct impact on insured assets, but there is also risk due to indirect impacts from damage to infrastructures related to those assets. These complex interactions can lead to elevated levels of uncertainty. But modeling tools and techniques are now available, or are emerging, to model these combined impacts, to quantify the risk, and to lower the uncertainty and cost of mitigation. This session will provide an overview of some of these tools.

Instructors:

**Scott Backhaus**, DHS Critical Infrastructure Program Manager, Los Alamos National Laboratory, Los Alamos, NM

**Dr. Lorilee Medders**, Director, FL Catastrophic Storm Risk Management Center, Florida State University, Tallahassee, FL

**Marilee Orr**, Senior Infrastructure Analyst, Office of Cyber & Infrastructure Analysis, DHS, Washington, DC

### **Meteorology/Public Education/Media Workshop**

["Communicating Forecast Uncertainty in Hurricane Hermine and Hurricane Matthew"](#)

**Tuesday, April 18, 2017**

**Time: 10:30 am to 12:00 pm**

This workshop will be an interactive town hall in which media, emergency management, and National Hurricane Center officials discuss ways to effectively communicate potential impacts from tropical cyclones. The workshop will focus on public awareness and communicating potential threats and impacts from the 2016 Atlantic tropical cyclones Colin, Hermine, Matthew, Earl and Nicole. Panelists will discuss their first impressions of the NWS Prototype Storm Surge Watch/Warning map and the NHC Potential Storm Surge Flooding map as well as any challenges communicating storm surge, inland flood, and wind hazards.

The workshop will also include a discussion on how the NWS/NHC plans to issue forecasts, as well as tropical storm and hurricane watches and warnings, for "potential" tropical cyclones; this new service should improve message consistency for disturbances threatening land. Panelists will provide short introductory information on how their organizations communicate this information to the public. A lengthy audience-led discussion will follow.

Moderator:

**Dennis Feltgen**, Public Affairs Officer, National Hurricane Center, Miami, FL

Panelists:

**Dr. Rick Knabb**, Director, National Hurricane Center, Miami, FL

**Jamie Rhome**, Team Lead, Storm Surge Unit, National Hurricane Center, Miami, FL

**Ed Piotrowski**, Chief Meteorologist, WPDE-TV, Florence, SC

**Randy Webster**, Director, Horry County Emergency Management, Conway, SC

**Mike Daniska**, Assistant Director for Planning and Homeland Security, North Carolina Division of Emergency Management, Raleigh, NC

### **Evacuation Planning Training**

#### **"New Orleans Special Needs Registry - A System for Homebound Evacuations"**

**Tuesday, April 18, 2017**

**Time: 10:30 am to 12:00 pm**

After Hurricanes Gustav and Isaac, the New Orleans Health Department and Emergency Medical Services developed a system for identifying, triaging, and evacuating individuals with medical or mobility needs. The New Orleans Special Needs Registry identifies residents with medical or mobility needs that need extra assistance evacuating or sheltering during an emergency. The primary use of this information is to assist the evacuation of homebound individuals, pre-hurricane during a mandatory evacuation, but it has also been used while sheltering in place, during extreme temperature events, power outage and boil water advisories. This presentation will cover identifying vulnerable populations; registration and triage of individuals on the Special Needs Registry; and evacuating homebound individuals by ambulance, para-transit vehicle and bus. It will also cover topics such as HIPAA compliance, resident willingness to be registered, and guarantee of service.

Moderator:

**Dev Jani**, Chief, Planning & Preparedness, New Orleans OHSEP, New Orleans, LA

Speakers:

**Sarah Babcock**, Healthy Population & Planning Manager, City Health Department, New Orleans, LA

**Lt. Elizabeth Belcher**, Community Outreach and PIO, City Emergency Medical Services, New Orleans, LA

### **Tropical Islands/Latin America Workshop**

#### **"Impacts of Hurricane Matthew in the Eastern Caribbean"**

**Tuesday, April 18, 2017**

**Time: 10:30 am to 12:00 pm**

In this presentation, we will briefly discuss impacts of Hurricane Matthew in the Eastern Caribbean nations of Barbados, Saint Lucia, Saint Vincent, Dominica, Colombia, Jamaica, Dominican Republic and Turks & Caicos. A more thorough discussion will focus on the impacts in Haiti and The Bahamas.

Moderator:

**Audrey Mullings**, Disaster Risk Management Specialist, USAID/OFDA/LAC/RTI, Kingston, Jamaica

Speakers:

**Dr. David A. Farrell**, Principal, Caribbean Institute for Meteorology & Hydrology, Barbados  
**Ronald Jackson**, Executive Director, Caribbean Disaster Emergency Management Agency, Barbados  
**Major Clive Davis**, Director General, Office of Disaster Preparedness and Emergency Management, Kingston, Jamaica

### **Security Training**

#### **"Protecting Critical Infrastructure/Key Resources (CI/KR)"**

**Tuesday, April 18, 2017**

**Time: 10:30 am to 12:00 pm**

The U.S. Department of Homeland Security identifies Critical Infrastructure (CI) in 16 sectors. The assets, systems and networks, whether physical or virtual, that reside within these sectors, are considered so vital to the United States, that their incapacitation or destruction would have a debilitating effect on security, national economic security, national public health or safety, or any combination thereof. We will discuss the Presidential Policy Directive (PPD) that establishes policy to maintain security, sector specific agencies (SSA's), and some sector specific plans. We will also discuss vulnerability and risk assessments.

Moderator:

**Anthony Hurley**, Witt|O'Brien's, Utility Practice, Georgetown, TX

Instructor:

**TBA**

### **Recovery Training**

#### **"Who's on First - FEMA or Insurance? Recovering Uninsured Losses Through the Federal Disaster Grant Programs"**

**Tuesday, April 18, 2017**

**Time: 10:30 am to 12:00 pm**

Catastrophic hurricanes, floods, tornadoes, and other extreme events can wreak havoc on organizations. Swift and complete financial recovery is only possible when you understand the available sources of funding, what types of expenses are eligible, and how the programs interact with one another. This topic will help you understand available Federal Emergency Management Agency (FEMA), Housing and Urban Development (HUD), and other federal disaster programs; how they must be coordinated with existing commercial insurance policies; and the process of applying for assistance. Additional emphasis will be placed on leading practices to implement before disaster strikes; major disaster grant audit issues; and top disputed items in commercial insurance claims.

Moderator:

**Matt Jadacki**, Executive Director, Ernst & Young, LLP, Washington, DC

Instructor:

**Bradley Nichols**, Partner, Ernst & Young, LLP, Washington, DC

### **Healthcare Workshop**

#### **"An Integrated Healthcare System Response to a Hurricane"**

**Tuesday, April 18, 2017**

**Time: 10:30 pm to 12:00 pm**

This session will cover best practices of an integrated healthcare system response to a hurricane. The following objectives will be covered during this session: How a healthcare system can utilize population intelligence data in preparation to an approaching hurricane; What response adjustments an integrated healthcare system can make during a hurricane; and the actions an integrated healthcare system can take during recovery from a hurricane.

Moderator:

**Richard Smith**, Training Specialist, Veoci, New Haven, CT

Speaker:

**Gregory Scott**, Evolution Health, Kissimmee, FL

**CONCURRENT SESSIONS      Tuesday, April 18, 2017      1:30 pm to 5:00 pm**

### **Meteorology/Emergency Management**

#### **"Evacuation Decision Making with the New National Weather Service Storm Surge Products"**

**Tuesday, April 18, 2017**

**Time: 1:30 pm to 5:00 pm**

This training session will provide examples of the new National Weather Service/National Hurricane Center storm surge watch/warning graphic and Potential Storm Surge Flooding map. These products were available during the 2016 hurricane season and provided additional emergency management decision making tools during hurricanes Hermine and Matthew. Representatives from the NHC Storm Surge Unit will give an overview of the new products and provide information on how to use the associated GIS data. Local and state emergency management officials will describe how these products were used in decision making during hurricane threats.

Moderator/Instructor:

**Jamie Rhome**, Team Lead, Storm Surge Unit, National Hurricane Center, Miami, FL

Instructors:

**Randy Webster**, Director, Horry County Emergency Management, Conway, SC

**Jeffrey Alexander**, Deputy Director, St Johns County Emergency Management, St Augustine, FL

**William Booth**, Storm Surge Unit, National Hurricane Center, Miami, FL

**Dr. Anthony Lapadula**, Software Architect, MIT Lincoln Laboratory, Lexington, MA

**Andrew Sussman**, Hurricane Program/Catastrophic Planning Manager, FL Division of Emergency Management, Tallahassee, FL

### Reservation Required

### **Introduction to the Next-Gen Hurricane Decision Support Platform for EM**

**Tuesday, April 18, 2017**

**Time: 1:30 pm to 5:00 pm**

The  $\frac{1}{2}$  day Intro to the Next Generation Hurricane Decision Support Platform for Emergency Managers course includes an overview of new prototype technology being developed in support of the National Hurricane Program. Students will be introduced to how the platform will function and be accessed, how existing functionality has been maintained, what new functionality has been developed, and the planned timeline for transition to an operational system. Students will also receive a log-in to access the prototype decision support platform so they can follow along with the demonstration, participate in an interactive exercise, and participate in future platform testing to provide feedback. Please note that each student will need to bring a laptop if they wish to use the platform during the class. If students have the ability to provide their own internet access during the course, they should plan to do so.

Instructor:

**Christopher Penney**, National Hurricane Program Manager, FEMA HQ, Washington, DC

### **Public Education/Media Workshop**

### **"#HurricaneStrong: The New National Hurricane Resilience Initiative"**

**Tuesday, April 18, 2017**

**Time: 1:30 pm to 3:00 pm**

During 2016, FEMA, FLASH, and NOAA introduced *#HurricaneStrong*--a new national hurricane resilience initiative designed to save lives and protect property through enhanced outreach and coordination with local, state, federal and private sector partners. Campaign elements focused on events like the NOAA Hurricane Awareness Tour, targeted leadership messaging through the Presidentially-declared National Hurricane Preparedness Week, high energy social media outreach, and much more. Thanks to engagement by committed participants, including national media partners from The Weather Channel, the first-year of the effort garnered widespread success with national television programming, national Public Service Announcements, 695 Home Depot workshops, 11,000 Tweets, 3,500 contributors on Twitter, and audience reach exceeding 22.5 million.

This workshop will explore last year's success and serve as a planning and recruitment session for 2017 to ensure that all interested stakeholders understand their opportunity to participate in and leverage the #HurricaneStrong opportunity. Each speaker will cover opportunities within the five key messages of the campaign including, Personal Safety, Family Preparedness, Financial Security, Damage Prevention, and Community Service.

Moderator/Speaker:

**Leslie Chapman-Henderson**, President & CEO, Federal Alliance for Safe Homes (FLASH), Tallahassee, FL

Speakers:

**Dr. Rick Knabb**, Director, National Hurricane Center, Miami, FL

**Joel May**, Program Manager, BASF Corporation, Detroit, MI

**John Rabin**, Deputy Assistant Administrator, National Preparedness Directorate, FEMA, Washington, DC

### **Hurricane History Workshop**

**"Twenty-Five Years Later - A Review of Hurricane Andrew and its Legacy"**

**Tuesday, April 18, 2017**

**Time: 1:30 pm to 3:00 pm**

Still the last landfalling Category 5 hurricane, Andrew remains one of the costliest natural disaster in U.S. history in terms of insurance payouts to people whose homes, vehicles and businesses were damaged by the storm when it struck Florida and Louisiana in 1992. South of Miami, Andrew destroyed entire blocks of homes - 25,000 houses in Miami-Dade County alone - and nearly 100,000 more were severely damaged. Andrew revealed Florida and other coastal state vulnerability to hurricanes had been seriously underestimated, that the insurance industry needed to reassess their exposure to catastrophic storm damage, and more government involvement in managing coastal mitigation and post-storm recovery. It also altered media coverage of landfalling hurricanes and recovery methodology. While Florida suffered catastrophic loss, Andrew made landfall in central rural Louisiana. However, the Atchafalaya Basin experienced severely damaged willow and cypress trees, and an estimated 182 million freshwater fish perished because of the resuspension of anaerobic bottom materials in the water column. Louisiana's coastal marsh in Terrebonne and St. Mary Parishes was damaged and eroded. Storm surge of at least 8 feet occurred from Vermilion Bay to Lake Borgne. Andrew spawned an F3 tornado in Laplace. The sugar and soybean crops were devastated. Talks are planned from media, post-storm impact, insurance, and natural resource impacts from Andrew.

Moderator:

**Pat Fitzpatrick**, Associate Research Professor, Mississippi State University, Starkville, MS

Speakers:

**Michael Weston**, President, Servision, Inc., Miami Shores, FL

**Bryan Norcross**, Senior Hurricane Specialist, The Weather Channel, Atlanta, GA

**Lynne McChristian**, Florida Representative, Insurance Information Institute, Tallahassee, FL

### **Tropical Islands/Latin America Workshop**

#### **"Hurricane Matthew - Preparedness, Response and Recovery in Haiti"**

**Tuesday, April 18, 2017**

**Time: 1:30 pm to 3:00 pm**

This session will involve an in-depth discussion of Hurricane Matthew concerning the pre-strike preparedness efforts, post-strike response efforts, coordination, and recovery efforts in Haiti, including lessons learned to date.

**Moderator:**

**Paul Martens**, Section Head, Disaster Management, Sint Maarten Fire Department, Sint Maarten

**Speakers:**

**Timothy Callaghan**, Team Leader, USAID DART Team, San Jose, Costa Rica

**TBA**

### **Fire-Rescue/Law Enforcement Workshop**

#### **"Field Data for Fire and EMS Departments - Challenges with Offline and Online Collection"**

**Tuesday, April 18, 2017**

**Time: 1:30 pm to 3:00 pm**

Fire and EMS Communities face a variety of challenges related to the timely dissemination of information and data from field operations, especially post hurricane impact. This panel will focus on the challenges with obtaining and submitting field data in areas with connectivity vs areas without. We will highlight different technologies, tools and solutions that could be implemented and utilized.

**Moderator:**

**Brian Head**, President/Foreman, Cobleskill Fire Department, Blasdell, NY

**Speakers:**

**Tim Masterson**, Product Manager, Buffalo Computer Graphics, Blasdell, NY

**Leidy Smith**, President, ZipBridge, New Hope, PA

### **Recovery Workshop**

#### **"Achieving LMI Goals in High Income Communities Impacted by Disasters"**

**Tuesday, April 18, 2017**

**Time: 1:30 pm to 3:00 pm**

Disasters occur throughout our nation that impact communities that are both of low income as well as high income. As we continue to have more disasters across large geographic areas, the impact within higher income communities have provided challenges to grantees who leverage CDBG-DR funds to achieve the Low and Moderate Income (LMI) goal requirements. This session would identify strategies and examples from impacted communities and provide a discussion on how to best leverage the CDBG-DR funding source to design programs that will achieve these objectives.

Moderator:

**Spurgeon Robinson**, President, MPACT Strategic Consulting, Inc., Houston, TX

Speakers:

**Tony Hebert**, Disaster Recovery Coordinator, U.S. Dept. of Housing & Urban Development, Washington, DC

**Adrienne Duncan**, Project Manager, GCR, Inc., New Orleans, LA

**Lauren Nichols**, Deputy Director of Recovery, LA Disaster Recovery Unit, Baton Rouge, LA

### **Accessibility & Functional Needs Workshop**

**["A Citywide Approach to Long Term Care Emergency Management"](#)**

**Tuesday, April 18, 2017**

**Time: 1:30 pm to 3:00 pm**

Events such as Hurricane Katrina, H1N1 and Superstorm Sandy have highlighted the role of nursing homes and adult care facilities, also known as long term care facilities (LTC) in emergencies. The NYC Dept. of Health and Mental Hygiene, Office of Emergency Preparedness and Response is highly invested in strengthening and sustaining facility emergency preparedness capabilities and in response developed the Long-Term Care Emergency Management Programs. Three programs, LTC Emergency Management Program, LTC Exercise Program and LTC Continuity Planning Program are offered in a staged approach allowing facilities to build upon each years' increased understanding of the concepts. Attendees will learn key emergency preparedness concepts relevant to LTC facilities, identify steps to be taken to develop an all-hazard emergency management program, and develop plans to assure residents' continuity of care as well as enhance the facility's continuity of operations during an emergency event.

Moderator/Speaker:

**Elizabeth Davis**, President, EAD & Associates, LLC, Brooklyn, NY

Speaker:

**Zachary Goldfarb**, EMT-P, CHSP, CHEP, CHSO, CEM, Incident Management Solutions, Inc., Uniondale, NY

## **2017 Outlook Encore**

### **"Atlantic Basin Seasonal Hurricane Prediction and the Outlook for the 2017 Season"**

**Tuesday, April 18, 2017**

**Time: 3:30 pm to 5:00 pm**

Colorado State University's (CSU) latest forecast for the 2017 Atlantic hurricane season will be discussed in detail. An update on the current and projected trends in both El Niño and Atlantic sea surface temperatures will be presented. The 2016 hurricane seasonal forecast will be reviewed. Landfall probabilities for the United States and the Caribbean will be presented. New forecast innovations will be described such as the two-week forecasts for the Atlantic basin. The causes of observed multi-decadal variability in Atlantic basin hurricane activity will also be examined, including a discussion of whether we have moved out of the recent active Atlantic hurricane era.

Presenter:

**Dr. Philip Klotzbach**, Department of Atmospheric Science, Colorado State University, Fort Collins, CO

## **Business, Industry and Economic Resiliency Workshop**

### **"Building Resilience Through Short-Term, Public-Private Collaboration: A Moderated Discussion of Best Practices and Competing Values"**

**Tuesday, April 18, 2017**

**Time: 3:30 pm to 5:00 pm**

The goals of private and public organizations are inherently different, and ultimately, these goals drive each sector's approach to emergency management. During an incident, these divergent objectives, on some level, must converge. This collaboration creates challenges for leaders who must respond to a multitude of situations across their key stakeholder groups. This session will start with a brief presentation of recent research on the drivers of short-term, public-private collaboration. The moderators will then lead participants through an interactive session on challenges, needs, and best-practices associated with public-private collaboration. The aim is to not only share current ideas and techniques but to set an actionable research agenda for continued exploration in this critical domain.

Moderator/Speaker:

**Geoffrey T. Stewart**, The Moody Company/BORSF Endowed Chair in Regional Business Development, College of Business, University of Louisiana, Lafayette, LA

Speakers:

**Glenn Richey**, Raymond J. Harbert Eminent Scholar in Supply Chain Management, College of Business, Auburn University, Auburn, AL

**Colin Gabler**, Freeman Fellow of Marketing, College of Business, Ohio University, Athens, OH

## **Tropical Islands/Latin America Workshop**

### **"Hurricane Earl in Belize and [Hurricane Otto in Costa Rica](#)"**

**Tuesday, April 18, 2017**

**Time: 3:30 pm to 5:00 pm**

Discussion will focus on preparedness and response efforts for Hurricane Earl in Belize (August 2016) and Hurricane Otto in Costa Rica (November 2016).

Moderator:

**Cecil Shillingford**, Disaster Risk Management Specialist, USAID/OFDA/LAC/RTI, The Commonwealth of Dominica

Speakers:

**Jose Zuniga**, Disaster Risk Management Specialist, USAID/OFDA/LAC/RTI, Belize

**Fernando Calderon**, Disaster Risk Management Specialist, USAID/OFDA/LAC/RTI, Costa Rica

[Lourdes Rivera Gomez](#), Liaison Officer, National Emergency Commission, San Jose, Costa Rica

## **Fire-Rescue/Law Enforcement Training**

### **"Utilizing Unmanned Aircraft Systems in Emergencies and Disasters - Encore"**

**Tuesday, April 18, 2017**

**Time: 3:30 pm to 5:00 pm**

This session will focus on the use cases for unmanned aircraft systems (UAS) as applied to emergencies and disasters. Examples will include USAR, wide area search, firefighting, and damage assessment. The session will discuss the regulatory issues, equipment, and training and development of UAS teams. The session is designed to familiarize policy makers and practitioners of what is possible and how to develop a UAS program.

Moderator/Speaker:

**David Merrick**, Center for Disaster Risk Policy, Emergency Management and Homeland Security Program, Florida State University, Tallahassee, FL

## **Recovery Workshop**

### **"Top 10 Lessons Learned from Hurricane Sandy DR Programs"**

**Tuesday, April 18, 2017**

**Time: 3:30 pm to 5:00 pm**

Program and construction managers from NY and NJ recovery efforts discuss and collaborate on the top 10 lessons learned from Superstorm Sandy Disaster Recovery Programs. The goal is to understand the lessons learned and employ them to improve future endeavors.

Moderator:

**Sheila Manek**, Director, Program Management, CB&I, New York City, NY

Speakers:

**Jo Carroll**, Program Manager, CB&I, Trenton, NJ

**John Grathwol**, Deputy Director, NYC Mayor's Office of Management and Budget, New York, NY

**Amy Peterson**, Director, NYC Housing Recovery Office, New York, NY

**Rudy Giuliani**, Bureau Director, NYC Housing Recovery Office, New York, NY

### **Accessibility & Functional Needs Workshop**

#### **"Everyone, Everywhere: Infusing Equity into Emergency Management"**

**Tuesday, April 18, 2017**

**Time: 3:30 pm to 5:00 pm**

How to structurally integrate equity into emergency management in a meaningful way is not an easy task. Multnomah County, Oregon has developed an Equity Lens guidance tool for sheltering that can be tailored to other emergency management programs. In this session attendees will learn about the tool, how it was developed, how it is being applied, realistic hurdles and how to move the equity agenda forward in your community.

Moderator:

**Elizabeth Davis**, Executive Director, EAD & Associates, LLC, Brooklyn, NY

Speakers:

**Jennifer Masotja**, LMSW, Nonprofit Liaison, Multnomah County Dept. of Human Services, Portland, OR

**Sarah Tuneberg**, President, Rock Park, Inc., Denver, CO

### **DELEGATE RAP SESSIONS Wednesday, April 19, 2017 8:30 am to 10:00 am**

**An opportunity for professionals to meet and share ideas with their fellow professionals on issues of mutual interest.**

### **Healthcare RAP**

Facilitator:

**Richard B. Smith**, Training Specialist, Veoci, New Haven, CT

**Engineering/Mitigation RAP**  
**"Current Trends in Hazard Mitigation"**

Facilitator:

**Leroy Thompson**, Effective Mitigation Management, Tallahassee, FL

**Public Education/Media/Meteorology/Emergency Management RAP**  
**"Connecting the Communicators - A Dialogue with Messengers from Academia, Emergency Management, Meteorology, News Media and More"**

This rap session is an annual favorite as it brings together news media, emergency managers, information officers, and national meteorology leaders in a rare forum to examine the latest trends and challenges in hurricane messaging before, during and after a storm. This year's session will examine challenges and success arising out of the 2016 season; discussion of "hurricane amnesia vs. hysteria"; and exploration of the unique challenges of evacuation and flood insurance messaging in advance of flooding events.

Facilitator:

**Leslie Chapman-Henderson**, President/CEO, Federal Alliance for Safe Homes, Inc. (FLASH), Tallahassee, FL

Participants:

**Dr. Rick Knabb**, Director, National Hurricane Center, Miami, FL

**Jeff Huffman**, Chief Meteorologist, Florida Public Media, Gainesville, FL

**Omar Bourne**, Deputy Press Secretary, NY Office of Emergency Management, Brooklyn, NY

**Mark Schleifstein**, The Times-Picayune, New Orleans, LA

**Nicondra Norwood**, FOX 8 WVUE (invited)

**Insurance RAP**

**"All About Hurricane Deductibles: How They Work and Why We Have Them"**

Facilitator:

**Lynne McChristian**, Florida Representative, Insurance Information Institute, Tallahassee, FL

**Utilities RAP**

Facilitator:

**Anthony Hurley**, Witt|O'Brien's Utility Practice, Georgetown, TX

**Voluntary Agencies RAP**

Facilitator:

TBA

### **Fire-Rescue/Law Enforcement RAP**

Facilitator:

**William Wagner, III**, Fire Chief, Ret., Islamorada, FL

### **Business, Industry & Economic Resiliency RAP**

Facilitator:

**Chris Hebert**, StormGeo, Inc., Houston, TX

### **Accessibility and Functional Needs RAP**

Facilitator:

**Elizabeth Davis**, Executive Director, EAD & Associates, LLC, Brooklyn, NY

### **Recovery/FEMA RAP**

Facilitator:

**Alex Amparo**, Assistant Administrator, FEMA Recovery Directorate, Washington, DC

### **Amateur Radio Workshop**

["Tropical Systems and Disaster Communications"](#)

**Tuesday, April 19, 2017**

**Time: 8:30 pm to 12:00 pm**

This training session will discuss general Amateur Radio involvement when tropical systems impact coastal areas of the Atlantic as well as cover historic hurricanes of significance and Amateur Radio's involvement in those situations. Specific presentation topics will include National Hurricane Center (NHC) Director Dr. Rick Knabb, who will present the importance of Amateur Radio surface reports to the hurricane forecasting process, an overview of WX4NHC-The National Hurricane Center Amateur Radio station operations, the Hurricane Watch Net and how Amateur Operators maintain their stations when hurricanes cause damage to Amateur Radio reporting stations and the VoIP Hurricane Net and Best Practices in Amateur Radio SKYWARN operations during tropical system impacts. A topic regarding Amateur Radio hurricane preparedness and response for newly licensed Amateurs will also be given. A presentation and overview of Canadian Hurricane Centre and Amateur Radio Operations along with the meteorological impacts of Hurricane Hermine and Hurricane Matthew during the Atlantic Hurricane Season will be presented along with how tropical systems that become post tropical pose a threat to the northern parts of the US East Coast and Canadian Maritimes. A

moderated Q & A session will be completed and other related topics on tropical systems will be presented as time allows.

Moderator/Speaker:

**Dennis Dura**, VoIP Hurricane Net, Ewing, NJ

Speakers:

**Ken Bailey**, Emergency Preparedness Assistant, ARRL HQ, Gates Ferry, CT

**Bobby Graves**, Net Manager, Hurricane Watch Net

**Dr. Richard Knabb**, Director, National Hurricane Center, Miami, FL

**Rob Macedo**, Director of Operations, VoIP Hurricane Net, New Bedford, MA

**Jim Palmer**, Assistant Director of Operations, VoIP Hurricane Net, Peabody, MA

**Julio Ripoll**, Amateur Radio Coordinator, National Hurricane Center Station WX4NHC, Miami, FL

[Bob Robichaud](#), Canadian Hurricane Centre, Fall River, Nova Scotia, Canada

**Wednesday, April 19, 2017**

**10:00 am to 1:00 pm**    **Dedicated time to tour Exhibit Hall**

## **General Session**

**The Celestin Ballroom, Level 3**

- 1:00 pm    "Welcome" - **John Wilson**, Chair, NHC Planning Committee, Fort Myers, FL
- 1:05 pm    "Welcome to the Crescent City - How New Orleans Has Changed Since Katrina" - **Mitch Landrieu**, Mayor, City of New Orleans
- 1:15 pm    "Hurricane Matthew: A Panel Discussion"  
Moderator:  
**Max Mayfield**, Vice Chair, NHC Planning Committee and Hurricane Specialist, WPLG-TV, Miami, FL
- Bryan Koon**, Director, Florida Division of Emergency Management, Tallahassee, FL  
**Tom Moore**, Deputy Director, Georgia Emergency Management & Homeland Security Agency, Atlanta, GA  
**Steve Batson**, Chief of Staff, South Carolina Emergency Management Division, West Columbia, SC  
**Mike Daniska**, Assistant Director for Planning and Homeland Security, North Carolina Division of Emergency Management, Raleigh, NC
- 2:30 pm    Annual Awards Presentation
- 3:00 pm    Break
- 3:30 pm    "The Risk of Not Changing in a Changing World" - **Craig Fugate**, Former Administration, Federal Emergency Management Agency (FEMA), Washington, DC
- 4:00 pm    "Ongoing Changes to National Hurricane Center Products and Warnings" - **Dr. Rick Knabb**, Director, National Hurricane Center, Miami, FL
- 4:20 pm    "National Hurricane Resilience Initiative" - **Leslie Chapman Henderson**, CEO & President, Federal Alliance for Safe Homes (FLASH), Tallahassee, FL
- 4:30 pm    "Effectively Communicating Hurricane Threats and Potential Impacts: A Panel Discussion"

Moderator:

**Dennis Feltgen**, Public Affairs and Communications Officer, National Hurricane Center, Miami, FL

**Dr. Rick Knabb**, Director, National Hurricane Center, Miami, FL

**Bryan Koon**, Director, Florida Division of Emergency Management, Tallahassee, FL

**Tom Lea**, VP Newsgathering, The Weather Group, Atlanta, GA

**Gina Eosco**, Ph.D., Senior Social Scientist & Risk Communications Specialist, Eastern Research Group, Arlington, VA

**Leslie Chapman Henderson**, CEO & President, Federal Alliance for Safe Homes (FLASH), Tallahassee, FL

5:30 pm      Session Adjourns

**CONCURRENT SESSIONS      Thursday, April 20    8:30 am to 10:00 am**

**A1 Meteorology Workshop**

**"Recent Tropical Cyclone Forecast Challenges"**

Thursday, April 20, 2017

Time: 8:30 am to 10:00 am

This workshop will discuss recent tropical cyclone forecast challenges. The workshop will begin with a look at the current state of tropical cyclone forecasting and how these forecasts have improved during the past few decades. NHC hurricane forecasters will also discuss how track and intensity forecasts are made and describe some recent forecast challenges, including the large uncertainty in Joaquin's (2015) track, the unexpected rapid intensification of Matthew (2016) in the Caribbean, and the coastline-hugging track of Matthew near the southeastern United States.

Moderator:

**Robbie Berg**, Hurricane Specialist, National Hurricane Center, Miami, FL

Speakers:

**"Recent Trends in Tropical Cyclone Track and Intensity Forecasting"**

**James Franklin**, Branch Chief, Hurricane Specialist Unit, National Hurricane Center, Miami, FL

**"Recent Challenges in Track Forecasting"**

**Dr. Michael Brennan**, Senior Hurricane Specialist, National Hurricane Center, Miami, FL

**"Recent Challenges in Intensity Forecasting"**

**Daniel Brown**, Senior Hurricane Specialist, National Hurricane Center, Miami, FL

**B1 Evacuation Planning Workshop**

**"National Hurricane Program Technology Modernization"**

Thursday, April 20, 2017

Time: 8:30 am to 10:00 am

This session will provide an overview and status update for the ongoing National Hurricane Program (NHP) Technology Modernization Project, which includes the development of the next general version of HURREVAC and improvements to the Real Time Evacuation Planning Model (RtePM). The session will focus on the progress of the NHP Technology Modernization Project to this point, demonstrate the next generation HURREVAC prototype (known as HVX), review the plan and schedule for transition to the next generation HURREVAC, provide an overview of the current status of the RtePM model, planned improvements to the RtePM, and the integration of RtePM into the Hurricane Evacuation Study process.

Moderator:

**Carla Quinn**, National Hurricane Program Manager, USACE Baltimore District, Baltimore, MD

Speakers:

**Chris Penney**, National Hurricane Program Manager, FEMA HQ, Washington, DC

**Dr. Anthony Lapadula**, Software Architect, MIT Lincoln Laboratory, Lexington, MA

### **C1 Mass Care Workshop**

**["The Shelter Transition Process"](#)**

**Thursday, April 20, 2017**

**Time: 8:30 am to 10:00 am**

Shelter transition is the process by which shelter residents are transitioned to appropriate housing after a disaster. The American Red Cross and the Federal Emergency Management Agency organized a multi-agency and multi-jurisdictional working group in order to create documents that describe the process and make best practices available to local jurisdictions. The purpose of this Workshop is to provide an update on the focus and direction of the Working Group in addressing this important issue. During the workshop, facilitators will share examples of the complex shelter transition issues that many jurisdictions faced after the flooding in Louisiana in Aug 2016 and in the Carolinas after the impact of Hurricane Matthew in Sep 2016. A multi-agency team will present on what they learned from their participation in this process.

Moderator:

**Michael Whitehead**, Emergency Management Manager, American Red Cross HQ, Washington, DC

Speakers:

**Nicole Sweazy**, Executive Director, Louisiana Housing Authority, Baton Rouge, LA

**Elizabeth DiPaolo**, Mass Care Emergency Assistance Specialist, FEMA Region VIII, Denver, CO

**Bruce Cuber**, Disaster Cycle Services, American Red Cross, Abita Springs, LA

**Chris Andrews**, Senior Planner, The Cloudburst Group, Landover, MD

**David Canavan**, HUD TA Provider, Canavan Associates, Cambridge MA

### **D1 Business, Industry & Economic Resiliency Workshop**

**["How to Foster Brand Resilience During and After a Crisis"](#)**

**Thursday, April 20, 2017**

**Time: 8:30 am to 10:00 am**

The last 10 years in New Orleans have been a showcase in recovery and resilience unlike any other. The city has become a universal success story of how a community can not only rebuild, but also transform in the wake of a disaster. John Deveney, a national leader in strategic marketing and crisis communication, will explore what communities must do to anticipate change, reduce the impacts of

major events and come back from a devastating blow stronger than ever. In this presentation, we will highlight key members of the business community who have contributed to New Orleans' resilience during times of crisis, examining their experiences and sharing their expert advice on what to do when a crucial situation hits your community.

Moderator:

**Justen Noakes**, Director of Emergency Preparedness, H-E-B, San Antonio, TX

Speaker:

**John Deveney**, ABC, APR, Fellow PRSA, IABC Fellow, President, DEVENEY, New Orleans, LA

## **E1 Response Workshop**

### **"Defense Support of Civil Authorities"**

**Thursday, April 20, 2017**

**Time: 8:30 am to 10:00 am**

The Department of Defense plays a significant role in support of the National Response System, specifically in response to hurricanes. Several large-scale hurricane responses over the past several years have highlighted the contributions of the Department of Defense in support of civil authorities at all levels. Presenters will focus on key aspects of DoD support of civil authorities that pertain to their Component and area of expertise, such as immediate response; mutual aid agreements (importance, who to contact); preparedness (planning, training, exercising, equipping, and assessing); DoD technology and equipment transfer; the role of DoD installations (emergency management, mutual aid, interface with communities); and National Guard support. The discussion will also include challenges, gaps and shortfall, and ways to improve how DoD interfaces with civil authorities and how support is provided. Whenever possible, panelists will make remarks on key roles and contributions from their components for past hurricane support. The Secretary of Defense-approved Actions to Improve Defense Support in complex Catastrophes, as well as DoD support of national preparedness will provide good discussion points on areas where DoD could improve coordination and support of civil authorities.

Moderator:

**Clark R. Lystra**, Civilian Advisor, Defense Support of Civil Authorities, Department of Defense, Washington, DC

Speakers:

**Tom LaCrosse**, Director, Defense Support of Civil Authorities, Department of Defense, Washington, DC

**Tim Russell**, Vice Director, Future Operations, U.S. Northern Command, Peterson AFB, CO

**Col. Jim Hawkins**, Director of Military Support, Alabama National Guard, Montgomery, AL

**Col. Barry Graham**, Defense Coordinating Officer, FEMA, Region VI, Denton, TX

## **F1 Utilities Workshop**

### **"Tropical Storm/Hurricane Impact on Island Infrastructure"**

**Thursday, April 20, 2017**

**Time: 8:30 am to 10:00 am**

Tropical Islands can be a paradise, but due to their unique remote locations, they, like any other coastal land mass, are vulnerable to the destructive damage of tropical storms and hurricanes. We will discuss the unique challenges faced when a tropical storm or hurricane impacts an island's utility infrastructure - electric, communications, water supply and wastewater treatment. Challenges in getting utility employees and first responders in place, coordinating mutual assistance and logistics issues associated with the material supply chain.

**Moderator:**

**Anthony Hurley, Witt|O'Brien's, Utility Practice, Georgetown, TX**

**Speakers:**

**TBA**

## **G1 Fire-Rescue/Law Enforcement Workshop**

### **"Law Enforcement Support to Hurricane Evacuation"**

**Thursday, April 20, 2017**

**Time: 8:30 am to 10:00 am**

Initiating and phasing out an evacuation requires coordination from local and state emergency personnel. Law enforcement plays a key role in addressing the challenges faced during this type of operation, and ultimately its successful conclusion. This Workshop will focus on the role law enforcement plays during a major hurricane evacuation.

**Moderator:**

**William A Wagner, III, CEM, Fire Chief, Ret., Islamorada, FL**

**Speaker:**

**Capt. Penny Phelps, Captain, Monroe County Sheriff's Office, Key West, FL**

## **H1 Public Education/Media/Accessibility & Functional Needs Workshop**

### **"Communicating Risk to the Whole Community: Best Practices and Programs Aimed at Reaching Those with Disabilities, Cultural Differences, and Non-English Speaking Populations"**

**Thursday, April 20, 2017**

**Time: 8:30 am to 10:00 am**

As emergency management, public safety, and elected officials develop plans for communicating with the public during emergencies, there are certain best practices that can help ensure that the whole community has equal access to emergency information. This includes the use of ASL, Captioning, pre-scripted multiple language information, etc. This training will share examples of programs that are helping to reach this targeted population group, and support steps in developing a comprehensive communication capability.

Speakers:

**Omar Bourne**, Deputy Press Secretary, NY Office of Emergency Management, Brooklyn, NY

**Michael Walter**, PIO, Houston Office of Emergency Management, Houston, TX

**Laura Mellem**, Deputy Director, Mayor's Office of Neighborhood Engagement, New Orleans, LA

### **I1 Recovery Workshop**

#### **"Office of the Inspector General: FY 2015 Audit Findings"**

**Thursday, April 20, 2017**

**Time: 8:30 am to 10:00 am**

The OIG has been pro-active in the front end of recent disasters and in publishing their finds quickly. We will talk about OIG's FY 2015 "Capping Report", a summary of FY 2015 audit findings concerning disaster relief fund grants, programs, and operations.

Speaker:

**Larry Arnold**, Regional Audit Director, Emergency Management Oversight, Office of the Inspector General, DHS, Gulfport, MS

### **J1 Engineering: Buildings & Structures Workshop**

#### **"Risk Assessment, Operation and Maintenance Considerations for Community Storm Shelters"**

**Thursday, April 20, 2017**

**Time: 8:30 am to 10:00 am**

Disaster preparedness is crucial for quick and effective responses during emergency situations. Accordingly, communities should assess risk to protect the most vulnerable and/or critical populations and have plans to optimize emergency management performance for a community storm shelter before, during, and after a hurricane or tornado event. This session presents information that safe room designers, owners, and emergency management officials may find useful in planning and operating a community safe room. Information includes guidance and recommendations related to safe room design and construction oversight, risk assessment and analysis, and operation and maintenance (O&M) considerations for community safe rooms.

Moderator:

TBA

Speakers:

**Glenn Overcash**, Senior Civil Engineer, AECOM, Germantown, MD

**James Bell**, Windstorm Coordinator, ASSA ABLOY Americas, Smithville, TN

### **K1 Mitigation Workshop**

#### **"Integrating Community Plans to Reduce Losses: A Tool"**

Thursday, April 20, 2017

Time: 8:30 am to 10:00 am

Prior to the destruction from Hurricane Sandy, a New Jersey city's hazard mitigation plan called for acquisitions and buy-outs in high-hazard areas, while the comprehensive plan set goals to increase investments in the same location. These plans were not only incompatible, but increased hazard vulnerabilities. Unfortunately, this is commonplace in planning practice as the "network" of local plans — the inventory of comprehensive plans, hazard mitigation plans, small area plans, or other functional plans which govern local land use — often lack the integration required to effectively reduce vulnerability to hazards. This session focuses on the newly developed user-friendly tool, the Plan Integration for Resilience Scorecard. The scorecard provides local planning practitioners the opportunity to identify when and where their community plans are in conflict, as well as how well they target areas of the community that are most vulnerable. Armed with this new knowledge, planners can inform the public and decision-makers regarding opportunities to strengthen local hazard mitigation planning and reduce aggregate risk for the community by improving the integration, consistency, and responsiveness of their networks of plans.

Moderator:

**Quinton Williams**, Recovery Bureau, Florida Division of Emergency Management, Tallahassee, FL

Speakers:

**Jaimie Hick Masterson**, Associate Director, Texas Target Communities Program, Texas A&M University, College Station, TX

**John T. Cooper, Jr. PhD**, Outreach Director, Hazard Reduction and Recovery Center, Texas A&M University, College Station, TX

**CONCURRENT SESSIONS**      Thursday, April 20, 2017      10:30am to 12:00 pm

### **A2 Meteorology/Hydrology Workshop**

#### **"New Technology and Products to Aid in Hurricane Forecasting and Hazard Communication"**

**Thursday, April 20, 2017**

**Time: 10:30 am to 12:00 pm**

This session will discuss new technology and products that are expected to enhance hurricane forecasting and hazard communication. The first presentation will focus on the next generation U.S. geostationary weather satellite that was launched in late 2016. This presentation will describe how this new satellite is expected to improve tropical cyclone analysis and forecasting by providing meteorologists with new capabilities, higher-resolution pictures, and more-frequent imagery. The second presentation in this session will discuss the Hurricane Forecast Improvement Project and its impacts on hurricane prediction. The workshop will conclude with a look at a potential future NHC product that could assist in communicating the arrival time of tropical-storm-force winds.

**Moderator:**

**Daniel Brown**, Senior Hurricane Specialist, National Hurricane Center, Miami, FL

**Speakers:**

**"Enhancing Forecasting Capabilities Through the Next Generation Geostationary Weather Satellite"**

**Dr. Mike Brennan**, Sr Hurricane Specialist, National Hurricane Center, Miami, FL

**"What's New and What's Next in Tropical Cyclone Forecasting and Observations"**

**James Franklin**, Branch Chief, Hurricane Specialist Unit, National Hurricane Center, Miami, FL

**"New Products to Communicate Potential Tropical Cyclone Hazard Arrival Times"**

**Robbie Berg**, Hurricane Specialist, National Hurricane Center, Miami, FL

## **B2 Evacuation Planning Workshop**

**"Implications for Evacuation Planning from the Academic Research Community"**

**Thursday, April 20, 2017**

**Time: 10:30 am to 12:00 pm**

Professor Wilmot and his students at the Louisiana Transportation Research Center have conducted a number of statistical analyses of evacuations and have developed an integrated evacuation modeling package using TransCAD and TransModeler. It predicts a number of evacuation behaviors and outcomes. He will describe how the software was developed and how it can be used to for planning and for real-time applications. Following Sandy, the New York, Connecticut, and New Jersey Sea Grant programs pooled their resources to fund studies at a number of universities dealing with risk communication and evacuation in Sandy. Sea Grant has produced a 23-minute documentary based on findings from the studies emphasizing evacuation compliance and communicating risk. Mr. Wise, Director of the NY Sea Grant program will introduce and show the video.

**Moderator:**

**Jay Baker**, Hazards Management Group, Tallahassee, FL

Speakers:

**"Evacuation Demand Modeling"**

**Chester Wilmot, PhD, PE**, Professor, Dept. of Civil and Environmental Engineering, Louisiana State University, Baton Rouge, LA

**"Coastal Storm Awareness: Research Lessons from Sandy"**

**William M. Wise**, Director, New York Sea Grant, Stony Brook, NY

**C2 Mass Care Workshop**

**"2017 Federal Support to Voluntary Organizations Active in Disasters (VOAD)"**

**Thursday, April 20, 2017**

**Time: 10:30 am to 12:00 pm**

This workshop will focus on how FEMA will supplement VOAD feeding operations during times of declared disasters. In a large or catastrophic disaster, the lack of food or accessibility to food sources in the impacted area(s), can threaten life at the local level. The goal of providing an uninterrupted food supply chain during time during disasters is a priority for FEMA's Emergency Support Function (ESF) #6 and Emergency Support Function (ESF) #7. Discussion will focus on different feeding concepts, introduction of products and federal integration into the VOAD feeding supply chains.

Moderator:

**Deonna Johnson**, Emergency Management Specialist, FEMA, Washington, DC

Speakers:

**Darrell Ransom**, Distribution Management Division, FEMA, Washington, DC

**Gonzalo Hernandez**, Emergency Management Specialist, FEMA, Washington, DC

**Rick Schofield**, Division Director, Disaster Services, American Red Cross, New Orleans, LA

**Mickey Caison**, Executive Director, Southern Baptist Disaster Relief, NAMB, Alpharetta, GA

**D2 Business, Industry and Economic Resiliency Workshop**

**"Implementing Private-Public Partnerships in 2016: Putting What's on Paper into Action and What We Learned in the Process"**

**Thursday, April 20, 2017**

**Time: 10:30 am to 12:00 pm**

There are many ways to engage the private sector with emergency managers. But the last decade was witness to a proliferation of partnerships that attempted to address preparedness, response and recovery challenges within communities. Speakers will share their experiences in 2016, a year in which the call came to put the partnerships to work. What did they learn in the process and how will they apply those lessons next time? They will engage the workshop participants in an active discussion to

identify methods to motivate partner engagement, deploy collaborative response and recovery missions and sustain momentum.

Moderator:

**Mickie Valente**, President, Valente Strategic Advisers, LLC, St Petersburg, FL

Speakers:

**Beverly Byerts**, External Affairs, Florida Division of Emergency Management, Tallahassee, FL

**Persia Payne-Hurley**, Private Sector Manager, Department of Public Safety, NC Division of Emergency Management, Raleigh, NC

**Phil Strouse**, External Affairs, FEMA Region IV, Atlanta, GA

## **E2 Response Workshop**

**["Refresh of the National Incident Management System \(NIMS\)"](#)**

**Thursday, April 20, 2017**

**Time: 10:30 am to 12:00 pm**

This workshop will provide participants with information regarding changes and updates to the National Incident Management System (NIMS) as well as to answer questions related to NIMS. The 2016 revision of NIMS incorporates best practices from the community, lessons learned from major disasters and exercises and policy updates, such as National Preparedness System and NIMS-related guidance, including the 2013 NIMS Intelligence/Investigation (I/I) Function Guidance and Field Operations Guide.

Moderator:

**Randy Webster**, Director, Horry County Emergency Management, Conway, SC

Speakers:

**Michael Docterman**, Program Manager, National Integration Center, FEMA HQ, Washington, DC

**Lucia Schmit**, National Integration Center, FEMA HQ, Washington, DC

## **F2 Utilities Workshop**

**["Fleet Movement and Response from Across North America"](#)**

**Thursday, April 20, 2017**

**Time: 10:30 am to 12:00 pm**

Utilities, such as electric, natural gas, communications, water and wastewater treatment, have either mutual aid agreements, or can be contacted directly to request their assistance for like utilities. This aid can come from across the United States as well as Canada and South America. In most cases, the

responding crews travel to their requested locations over-the-road, driving their utility vehicles, and transporting equipment and materials. A single incident, such as an issue at a weigh or toll station, or the lack of a permit, can delay their ability to respond in a timely fashion. This then delays the impacted utility's ability to restore services which delays the community's ability to recover. We will discuss the work that has been done since Hurricane Sandy to address fleet movement across the U.S. We will highlight the education initiative that has recently taken place and the information now available to ensure effective mutual aid fleet movement. We will also discuss lessons learned from a recent exercise.

Moderator:

**Anthony Hurley**, Witt|O'Brien's, Utility Practice, Georgetown, TX

Speakers:

**TBA**

## **G2 Fire-Rescue/Law Enforcement Workshop**

**["First Responder - Getting Back to Basics"](#)**

**Thursday, April 20, 2017**

**Time: 10:30 am to 12:00 pm**

Workshop for planning by emergency first responders using hurricane and hybrid storm advisories. In recent years, there have been many changes in the delivery of meteorology information to the first responders. Now, in some cases, the click of a mouse gives the first responder all the information he or she thinks they need to know. Technology is revolutionizing how the first responder handles emergencies and will redefine how the first responder community interacts with each other and with citizens. There is a critical need for the emergency responder to be "informationally rich". But does the responder understand what they are being shown, and is the responder aware of the information that is needed to prepare for a response of their agency to the actual threat? The educated first responder should be among our most important priorities for the protection and preservation of life and property. The workshop will discuss the importance of the forecast products to the decision making and planning process. And to show the responder how to use the advisories information for creating a timeline of actions that is so vital to his/her agencies response. The goal of the workshop is to greatly enhance situational awareness of NHC and NWS product outputs.

**["Getting Back to Basics" - Handout](#)**

Moderator:

**William A Wagner, III, CEM**, Fire Chief, ret. Islamorada, FL

Speakers:

**Chief John Baroni**, Co-Chair, Nassau County Fire Commission, BEOCC, Long Island, NY  
**Leonard B. Symons**, Deputy Commissioner, Chief Forecaster, Town of Oyster Bay Public Safety, Long Island, NY

## **H2 Public Education/Media Workshop**

### **"Lessons Learned from Monitoring Social Media in Hurricanes Hermine and Matthew"**

**Thursday, April 20, 2017**

**Time: 10:30 am to 12:00 pm**

Social media allows the public to engage in the disaster response and recovery process in new and exciting ways. This session facilitates discussion on the benefits and challenges of using social media to create situational awareness during disasters. This session will feature a discussion on the experiences of FSU staff and student volunteers who activated VOST (Virtual Operations Support Team) in support of social media monitoring efforts during Hurricane Hermine and Matthew. These activations contribute to the continuing knowledge of the use of social media during disasters and are applicable to other communities who desire to utilize these tools for their own practice.

Speaker:

**David Merrick**, Center for Disaster Risk Policy, Emergency Management and Homeland Security Program, Florida State University, Tallahassee, FL

## **I2 Recovery Workshop**

### **"FEMA Public Assistance: New Delivery Model"**

**Thursday, April 20, 2017**

**Time: 10:30 am to 12:00 pm**

FEMA will present their new Public Assistance Program and will discuss the states/disasters that the new has been implemented to date. FEMA will discuss the issues that have come up under these new procedures. There will be time for question and answers.

Speaker:

**Chris Logan**, Division Director, Public Assistance, Recovery Directorate, FEMA, Washington, DC

## **J2 Insurance Workshop**

### **"Stronger than the Wind: Building Better, Being Resilient"**

**Thursday, April 20, 2017**

**Time: 10:30 am to 12:00 pm**

When people talk about building a new home, the words of the conversation are typically "granite counter tops," "open concept," "stainless steel appliances." The conversation needs to change. In hurricane-prone states, talk of new construction should include words such as "structural integrity," "reinforced masonry," "impermeable surfaces," "infiltration trenches," and "safe rooms." Building fortified homes has always made sense, and now more than ever. Learn about innovation in new buildings and mitigation in existing structures to turn a home improvement project be a life and resiliency project. The challenge is not in coming up with innovative ideas, but in getting individuals and communities to recognize the payoffs in saving lives, protecting property and reducing the costs to society from ever costlier natural disasters. This session will track innovation today and the benefits for tomorrow.

Moderator:

**Lynne McChristian**, Florida Representative, Insurance Information Institute, Tallahassee, FL

Speaker:

**Rob Galbraith**, Director of Property Underwriting, USAA, San Antonio, TX

**Julie Shiyou-Woodard**, President & CEO, Smart Home America, Inc., Mobile, AL

**Alex Cary**, FORTIFIED Coastal Programs Manager, IBHS, Fairhope, AL

### **K2 Mitigation Workshop**

#### **"Capturing Cost Share and Leveraging Funds from Multiple Sources"**

**Thursday, April 20, 2017**

**Time: 10:30 am to 12:00 pm**

Panel format with input from subject matter experts from public, private and local applicants outlining successful strategies and options for future consideration. Cost share continues to be a significant challenge to fully funding HMGP (and other mitigation) projects. Processes developed in response to those challenges can provide solutions for many potential applicants.

Moderator:

**Keith Cranford**, Vice President, Program Management, Hunt, Guillot and Associates, Baton Rouge, LA

Speakers:

**Franki Coons**, Owner, AFC Partners, LLC, Baton Rouge, LA

**Jamelyn Trucks**, Project Manager, Atkins Global, New Orleans, LA

**CONCURRENT SESSIONS Thursday, April 20, 2017 1:30 pm to 3:00 pm**

### **A3 Meteorology Workshop**

#### **"Potential Tropical Cyclone Forecasts and Warnings"**

**Thursday, April 20, 2017**

**Time: 1:30 pm to 3:00 pm**

This workshop will focus on tropical weather systems that have not yet become a tropical cyclone. The first presentation will describe the requirements that a system needs to be classified as a tropical cyclone, and the tools NHC has available to help them make that determination. The second presentation will show how NHC makes tropical cyclone genesis forecasts and creates the Tropical Weather Outlook. The final presentation will discuss a service change in 2017, in which NHC/NWS will issue advisories on disturbances that pose a significant risk of becoming a tropical cyclone, and which could bring tropical storm conditions to land areas within the standard watch/warning time period.

**Moderator:**

**Robbie Berg**, Hurricane Specialist, National Hurricane Center, Miami, FL

**Speakers:**

**"What is a Tropical Cyclone?"**

**James Franklin**, Branch Chief, Hurricane Specialist Unit, National Hurricane Center, Miami, FL

**"Tropical Cyclone Genesis Forecasting"**

**Dr. Michael Brennan**, Senior Hurricane Specialist, National Hurricane Center, Miami, FL

**"Potential Tropical Cyclone Advisories: Providing Tropical Storm and Hurricane Watches and Warnings Before Formation"**

**Daniel Brown**, Senior Hurricane Specialist, National Hurricane Center, Miami, FL

**B3 Evacuation Planning Workshop**

**"Changes in Evacuation Policies and Procedures Since Katrina"**

**Thursday, April 20, 2017**

**Time: 1:30 pm to 3:00 pm**

Evacuation difficulties in Hurricane Katrina have caused communities to rethink how evacuations in certain locations need to be planned and conducted. Mr. Jani will describe changes made by the City of New Orleans to their hurricane evacuation plans and procedures since Katrina. Ms. Roy will describe the New Orleans Evacuateer program, which trains volunteers to assist in effecting a successful evacuation. Mr. Long will describe a cutting-edge, all-hazards, shelter-in-place and evacuation planning project designed for the Baltimore UASI to reduce the number of people placed under evacuation orders and the distance evacuees must travel to seek safe refuge.

**Moderator:**

**Brian Wolshon**, Professor, Dept. of Civil and Environmental Engineering, LSU, Baton Rouge, LA

**Speakers:**

### **"Hurricane Evacuation in New Orleans, Post-Katrina"**

**Dev Jani**, Chief, Planning & Preparedness, New Orleans OHSEP, New Orleans, LA

### **"Innovative Strategies for Facilitating City-Assisted Evacuation"**

**Kali Rapp Roy**, Executive Director, Evacuateer, New Orleans, LA

### **"Sustainable Planning Innovations for Future Evacuations"**

**Brock Long**, Executive Vice President, and **Kyle McPhee**, Director of Preparedness Programs, Hagerty Consulting, Evanston, IL

### **C3 Mass Care Workshop**

### **"Mass Care Site Selection Criteria"**

**Thursday, April 20, 2017**

**Time: 1:30 pm to 3:00 pm**

An important part of mass care planning and preparedness is the identification of potential mass care service delivery sites. These sites include points of distribution of emergency supplies to the public, shelters and sites for the employment of field kitchens. The criteria for these sites are unique in order to meet the different service delivery requirements. The pre-selection of these sites is a multi-agency process involving local emergency management and the voluntary agencies involved in delivering the services.

Speakers:

**Eddie Blackmon**, Disaster Relief Coordinator, Southern Baptist Disaster Relief, Alpharetta, GA

**Rick Schofield**, Division Disaster Director, American Red Cross, New Orleans, LA

**Robbie D. Averett**, Plans Section Chief, LA Department of Agriculture & Forestry, Baton Rouge, LA

### **D3 Business, Industry & Economic Resiliency Workshop**

### **"Weather Detection in the Post GOES-R Era"**

**Thursday, April 20, 2017**

**Time: 1:30 pm to 3:00 pm**

With the launch of GOES-R Satellite on November 19, 2016, the Weather Enterprise and Weather Ready Nation initiative enter a new era of severe weather detection and warning capabilities. This session covers the historical development of Space-borne Lightning Mapping technology, the science behind both ground and space based technologies, the estimated benefits in saving lives and protecting property using the electrical nature of storms as projected by MIT, and the future direction of storm and tornado detection and warning systems.

Moderator:

**Hans K Wagner**, CPM, CEO, Early Alert, Inc. & All Hazard Training, Palm City, FL

Speakers:

**John B. Copenhaver**, CBCP, CEO, Contingency Management Group, Inc., Alpharetta, GA

**Richard Carlisle**, Chief Technology Officer, Vulcan Technologies, Valrico, FL

### **E3 Response Workshop**

#### **"National Guard Hurricane Response"**

**Thursday, April 20, 2017**

**Time: 1:30 pm to 3:00 pm**

This presentation provides information to federal, state, and local partners on National Guard support in planning, preparing, and executing response to a hurricane. It incorporates lessons learned from the 2015 and 2016 hurricane seasons; shares Best Practices, outlines pre-scripted missions; reviews legal considerations for employing the National Guard (NG); describes capabilities and capability gaps; identifies other planning considerations response/mobilization and demobilization/recovery time, financial impact upon the Soldiers/Airmen, impact on readiness, etc.; discusses T10 DoD support and Dual Status Command; as well as other topics associated with the National Guard supporting civil authorities.

Moderator:

**Chip Patterson**, Disaster Services, J.B. Coxwell Contracting, Inc., Jacksonville, FL

Speakers:

**Col Jeffrey C. Dickerson**, Director of Domestic Operations, GA Dept. of Defense, Marietta, GA

**LTC J. Michael Smith**, Director of Military Support, Mississippi National Guard

**Col David S. Gayle**, Director of Military Support, South Carolina National Guard

**Col John A. Pelleriti**, Florida National Guard

### **F3 Utilities Workshop**

#### **"Hurricane Matthew Impact on Florida - Infrastructure Investments Over the Past 10 Years"**

**Thursday, April 20, 2017**

**Time: 1:30 pm to 3:00 pm**

In October of 2016, Hurricane Matthew impacted the United States after wreaking havoc across several Caribbean Islands. Matthew was the first major storm to impact Florida since October of 2005. Georgia, South Carolina, North Carolina and the northeast coastline were also impacted. We will discuss the forecasting and impact of Hurricane Matthew on Florida and highlight how utility infrastructure operated during the event. We will highlight preparedness processes, improvements, and mitigation that have taken place over the past 10 years and how those investments have enabled utilities to sustain the impact of such events and restore services more quickly.

Moderator:

**Anthony Hurley**, Witt|O'Brien's, Utility Practice, Georgetown, TX

Speaker:

**Joel DuBow**, Cyber Team Leader, Fulcrum Co, Centerville, VA

### **H3 Public Education/Media/Meteorology Workshop**

#### **"Understanding Weather and Warning Information Dissemination Needs: A National Weather Service Transformation Change Project"**

**Thursday, April 20, 2017**

**Time: 1:30 pm to 3:00 pm**

NOAA National Weather Service Office of Dissemination is leading the agency's first Transformational Change Project to explore new ways to disseminate critical, life-saving weather and warning information to the public and across the Weather enterprise in a way that improves functionality, leverages technical capabilities and strengthens decision support services. Since the mid-1950s NOAA Weather Radio (NWR) has served as a primary, multi-mission program broadcasting official warnings, watches, forecasts and other hazard information 24/7 using broadcast Radio Frequency technology. But societal shifts over the years and advances in technology have changed how the public receives weather information and how that information is used. There are numerous technologies or modalities that have evolved as part of the warning process over many decades of use, with several new technologies that appear to extend the reach, timing, and importance of alerting to populations who might not have received those alerts under older, more traditional technologies.

The first phase of this project focused primarily on stakeholder engagement to obtain and analyze current and future user needs. This presentation reports on the weather information needs of end users in the warning partnership and the use of weather information delivery modalities in actual weather events and situations, including mobile apps, NOAA Weather Radio, alert notification systems, social media, and more. The strengths and weaknesses of the various modalities will be discussed, along with an analysis of what may work best in various event scenarios and with different populations and warning partners. Implications for the warning delivery process will be discussed.

Moderator:

**Frank Revitte**, Warning Coordination Meteorologist, NWS Field Office, New Orleans, LA

Speakers:

**Dr. Tyra Brown**, Project Manager, Office of Dissemination, NWS, Plantation, FL

**Dr. Laura Myers**, Director, The Center for Advanced Public Safety, UA, Tuscaloosa, AL

### **I3 Recovery Workshop**

#### **"Impacts of Cross-Cutting Regulations on Recovery"**

**Thursday, April 20, 2017**

**Time: 1:30 pm to 3:00 pm**

Federal cross-cutting regulations, such as HUD Section 3, federal and state Minority and Women-owned Business Enterprises (WMBE), and Davis-Bacon/Prevailing Wage and Fair Housing, provide issues for grantees, subrecipients and contractors that fail to acknowledge and comply with these requirements during procurement and program delivery. Preparing and implementing these requirements into your program and contracting vehicles prior to and during implementation will relieve you from potential audit findings and/or violations.

**Moderator:**

**Spurgeon Robinson**, MPACT Strategic Consulting, LLC, Houston, TX

**Speakers:**

**John Buri**, Director, Post Disaster Programs, Tetra Tech, Houston, TX

**Kevin Hamby**, President, Remora Consulting, LLC, Austin, TX

### **J3 Insurance Workshop**

#### **"Catastrophe Claims Management: Putting Policyholders First"**

**Thursday, April 20, 2017**

**Time: 1:30 pm to 3:00 pm**

Catastrophic weather puts everyone into overdrive, and that includes insurance professionals who are focused on getting policyholders back into their homes and back to business after a major storm. See how two state-sponsored insurance entities do it in two of the most disaster-prone states in the U.S. - Texas and Louisiana. The Texas Windstorm Insurance Association (TWIA) has an enterprise-wide catastrophe planning model that includes storm monitoring and preparation, a robust communications plan, and community claims centers. Pre-storm outreach is equally important to post-storm recovery, and Louisiana's Citizens Property Insurance will show how it's what upfront that counts. The presentation shows how to build a culture of continuous improvement with annual testing, training & exercises, after action plans, and policyholder surveys. Lessons learned from the natural disasters of 2016 will also be part of the conversation.

**Speaker:**

**Dave Williams**, Chief Claims Officer, Texas Windstorm Underwriting Association, Austin, TX

**Stephanie Jackson**, Director of Claims, LA Citizens Property Insurance, Metairie, LA

### **K3 Mitigation Workshop**

## **"Flood Economics"**

**Thursday, April 20, 2017**

**Time: 1:30 pm to 3:00 pm**

Convincing local elected officials to invest in mitigation can be difficult. It is human nature to do what will pay off the most now, even if it means we may have to suffer more in the future. Considering that the effects of flooding are typically far removed from a focus on the immediate, it is difficult for decision makers to rationalize the required funding needed for mitigation action to protect their communities from future flood risk. Flood Economics ([www.floodeconomics.com](http://www.floodeconomics.com)), developed by the EIU on behalf of Resilience Action Partners and FEMA, is a new, web-based information resource developed to overcome aversion to mitigating future flood risk and to combat the lack of resources and information about why communities should invest. It is designed to help local elected officials, mitigation professionals, and stakeholders: (1) improve awareness of the multitude of economic, social, and environmental benefits to communities; (2) highlight how communities are funding mitigation efforts; and (3) encourage people to share this knowledge with key industry experts and affected stakeholders, creating a ripple effect. This presentation will explain the methodology and analysis driving Flood Economics and discuss ways it can be utilized to encourage mitigation action. A live demonstration of Flood Economics will also take place to demonstrate the core capabilities of the website: the five key takeaways, 11 case studies, and state-level mitigation data.

**Moderator:**

**Quinton Williams**, Recovery Bureau, Florida Division of Emergency Management, Tallahassee, FL

**Speaker:**

**Leo Abruzzese**, Global Director of Public Policy Organization, The Economist Intelligence Unit, New York, NY

**Hilary Steiner**, Principal, EIU Consulting, San Francisco, CA

**Cara Spidle**, National Communications Team, Resilience Action Partners, Washington, DC

**CONCURRENT SESSIONS      Thursday, April 20, 2017      3:30pm to 5:00 pm**

## **A4 Meteorology/Hydrology Workshop**

### **"NWS Storm Surge Products"**

**Thursday, April 20, 2017**

**Time: 3:30 pm to 5:00 pm**

This session will discuss how NHC storm surge forecasts are made and describe the new real-time storm surge products that are available during hurricane threats in the United States. The session will include a look at the now operational Potential Storm Surge Flooding map, and provide examples of how the map and data can assist in emergency management decision making. The new National Weather Service storm surge watch and warning that is expected to become operational in 2017 will also be discussed. First

impressions of the prototype storm surge watches and warnings that were issued during hurricanes Hermine and Matthew will be shared.

Moderator:

**Daniel Brown**, Senior Hurricane Specialist, National Hurricane Center, Miami, FL

Speakers:

**"How NHC Real-Time Storm Surge Products are Created"**

**Robbie Berg**, Hurricane Specialist, National Hurricane Center, Miami, FL

**"First Impression of the New NWS Storm Surge Watch/Warning Graphic"**

**Jamie Rhone**, Team Lead, Storm Surge Unit, National Hurricane Center, Miami, FL

**"Use of Real-Time Storm Surge Products in Decision Making"**

**Randy Webster**, Director, Horry County Emergency Management, Conway, SC

#### **B4 Evacuation Planning Workshop**

["Hurricane Matthew Evacuations: Lessons Learned and Use of the Latest NHC Products"](#)

**Thursday, April 20, 2017**

**Time: 3:30 pm to 5:00 pm**

Speakers from Florida, Georgia, South Carolina, and North Carolina will be presenting their experiences and lessons learned from the evacuations they carried out for the Hurricane Matthew event. Lessons learned will focus on evacuation decision making, implementation, and timing as well as related shelter issues. Use of the latest NHC products for the 2016 season experiences will also be shared. Session attendees will be able to ask questions about evacuation mechanics applicable to their home regions.

Moderator:

**Donald Lewis**, Vice President, Atkins North America, Tallahassee, FL

Speakers:

**Andrew Sussman**, Hurricane Program/Catastrophic Planning Manager, FL Division of Emergency Management, Tallahassee, FL

**David Fite**, Assistant Director of Operations, GA Emergency Management and Homeland Security Agency, Atlanta, GA

**Charles Tripp**, Area Coordinator, NC Emergency Management, Kinston, NC

[Steve Batson](#), Chief of Staff, SC Emergency Management Division, West Columbia, SC

#### **D4 Business, Industry & Economic Resiliency Workshop**

**"Building and Enhancing Public-Private Partnerships"**

**Thursday, April 20, 2017**

**Time: 3:30 pm to 5:00 pm**

The presenters will discuss the importance of developing public-private partnerships to aid in emergency planning, response and recovery as well as strategies to enhance and sustain existing partnerships.

Moderator:

**Justen Noakes**, Director of Emergency Preparedness, H-E-B, San Antonio, TX

Speakers:

**Paul Latham**, FPEM, CBCP, Senior Risk Analyst, Raymond James Financial, St. Petersburg, FL

**Robert C. Glenn**, Director, Private Sector Division, FEMA, Washington, DC

### **E4 Response/Public Education/Media Workshop**

#### **"The Role of Social Media in Emergency Management"**

**Thursday, April 20, 2017**

**Time: 3:30 pm to 5:00 pm**

Social Media is changing how people communicate. So much so, that police departments now remind citizens to CALL 911, NOT tweet a request for help. Social Media isn't a 911 substitute, but it's great for: Communicating information during a crisis; Preparing the public ahead of anticipated weather events; Educating the public during non-emergency times; and Culling situational data. This class will help you leverage the social media accounts you have and how to build on them. We'll go beyond the basic to explore social strategy development, the best tools for managing multiple accounts, create use policies, and ensure government compliance.

Moderator:

**Rupert H. Lacy**, Director, Harrison County Emergency Management Agency, Gulfport, MS

Speaker:

**Denise Spell**, Founder & CEO, Currant, Newark, NJ

### **F4 Utilities Workshop**

#### **"Hurricane Matthew and Electric Power Infrastructure"**

**Thursday, April 20, 2017**

**Time: 3:30 pm to 5:00 pm**

In October of 2016, Hurricane Matthew impacted the United States after wreaking havoc across several Caribbean Islands. Matthew impacted Florida, Georgia, South Carolina, North Carolina and the northeast coast. We will discuss the forecasting and impact of Hurricane Matthew on overall electric

infrastructure and highlight how impacted electric utilities were able to prepare and restore power. There will be an overview of the electric mutual assistance that was requested and provided.

Moderator:

**Anthony Hurley**, Witt|O'Brien's, Utility Practice, Georgetown, TX

Speaker:

**TBA**

#### **I4 Insurance Workshop**

["What It Looks Like from Here: Perspectives on the National Flood Insurance Program from an Insurance Adjuster's View"](#)

**Thursday, April 20, 2017**

**Time: 3:30 pm to 5:00 pm**

Every natural disaster leaves a lesson or two, and the 2016 flood events were no exception. Floods in Louisiana and in North Carolina from Hurricane Matthew gave FEMA an opportunity to demonstrate its Customer Centric model. H2O Partners has a training contract with the National Flood Insurance Program (NFIP) and it will have a forum on lessons and characteristics of recent flood events. This session will also demonstrate how the NFIP is adapting to the recent changes and mandates it faces.

Moderator:

**Jeanne Salvatore**, Chief Communications Officer, Insurance Information Institute, New York, NY

Panelists:

**Lisa Davis**, Flood Insurance Specialist, H2O Partners, Inc., Lacombe, LA

**Melanie Graham**, Training Manager, H2O Partners, Inc./NFIP Training, Belmont, NC

#### **J4 Engineering Workshop**

["Recovering from Disasters with Building Codes"](#)

**Thursday, April 20, 2017**

**Time: 3:30 pm to 5:00 pm**

Building code enforcement is an important part of post-disaster recovery. Hazard-resistant provisions in building codes reduce damage to buildings, increase public safety, and allow communities to recover more quickly from natural disasters such as hurricanes. This session will cover FEMA's new policy "Disaster Risk Reduction Minimum Codes and Standards" and its application to Public Assistance, as well as planning for pre- and post-disaster building code enforcement. FEMA will require integration of building codes and standards for programs that fund buildings. The first presentation will focus on how this policy applies to Public Assistance, explain the reasoning behind the policy and highlight wind and flood provisions in the International Codes and the referenced standard ASCE 24, Flood Resistant Design and Construction. The second presentation will address getting building code enforcement help

after a disaster and what to do before a disaster to ensure that help will be there when you need it. This includes funding for post-disaster code enforcement, as well as funding to improve local codes. The presenters will also discuss how the Emergency Management Assistance Compact (EMAC) can be used for post-disaster building code enforcement and how that ties into the Public Assistance program. Through EMAC, states can share their resources with affected states in need of assistance.

Moderator:

**Stuart Adams**, Program Manager, STARR II/Stantec, College Park, MD

Speaker:

**John Ingargiola**, Senior Engineer, FEMA Building Science, Washington, DC