

2012 National Hurricane Conference

Speaker Presentations

March 26-29, 2012

Hilton Orlando

Orlando, Florida

Following are the Training Sessions and Workshops offered during the 2012 Conference. **If a speaker has submitted their presentation to us, it will be linked to their session below.**

Please use the find or search button to search for a specific training session, workshop, or for a particular speaker.

Concurrent Sessions Monday, March 26, 2012

8:30 am to 10:00 am

A1 Mass Care TS

When the Big One Hits Will You Be Able to Make Mass Care Happen?

Monday, March 26, 2012

Time: 8:30 am to 10:00 am

Location: Lake Concord A

A catastrophic event presents a lot of mass care questions for emergency managers. How much food will we need? How many shelters? Where will these resources come from? Who will bring them here? In this session, participants will explore the answers to these questions by playing the role of one of the many players in a catastrophic mass care drama. Teams will be formed to represent FEMA, state and local governments, voluntary agencies, and businesses. As facilitators unveil a catastrophic scenario affecting multiple states and FEMA regions, each team will have to decide how they will prioritize their available resources to meet competing demands as well as how they will overcome the constraints posed by the event. The ramifications are explored in a facilitated discussion.

Instructors:

Michael Whitehead, CEM, State Mass Care Coordinator, Florida DBPR, Tallahassee, FL
Rick Schofield, Area Director – Southern U.S., American Red Cross, Houston, TX

B1-B2 Engineering: Buildings and Structures TS

Retrofitting Existing Homes to Reduce Their Hurricane Vulnerability: The IBHS FORTIFIED Existing Home Program

Monday, March 26, 2012

Time: 8:30 am to 12:00 pm

Location: Lake Concord B

The Insurance Institute for Business & Home Safety has developed a systems based approach to evaluating existing homes to assess their vulnerability to hurricane damage and has produced a graduated series of designations that can be achieved as home owners retrofit their homes. The retrofits target the areas of most common damage first and set out steps by which home owners can bring key elements of their homes up to or above the minimum values specified in current building codes. This system has been evaluated by risk modelers and the States of Alabama and North Carolina have begun recognizing the program for insurance discounts. Participants will learn the basics needed to inspect homes to determine their current condition and identify common weaknesses that make the homes vulnerable to hurricane damage. Participants will gain a clearer understanding of hurricane related vulnerabilities, will be able to conduct a preliminary assessment of their own property, and will be well on their way to becoming IBHS certified FORTIFIED Existing Home Hurricane inspectors, provided they have the required education and/or experience.

Instructors:

Fred Malik, FORTIFIED Program Manager, IIBHS, Tampa, FL
William York, President, WH York Consulting, Orlando, FL

C1-C4 Public Education/Media TS

Spokesperson Training

Monday, March 26, 2012

Time: 8:30 am to 5:00 pm

Location: Lake Hart A

How to stay on message, get your point across, and work congenially with the media. This course is designed for those who serve as media spokespersons for their organizations. The course will cover tips for developing your message, delivering your message and for identifying media traps to avoid. In addition, a panel of media professionals will provide perspective on how to prepare to work with the media, and offer tips on what makes a good interview.

Instructors:

Mary Hudak, External Affairs Director, FEMA Region IV, Atlanta, GA

E1-E2 Healthcare/Accessibility and Functional Needs TS

Implementing a System Information Resource Center (SIRC) and Decision Making Tools to Enhance Response to Severe Weather

Monday, March 26, 2012

Time: 8:30 am to 12:00 pm

Location: Lake Lucerne

In its role as the Yale New Haven Health System (YNHHS) SIRC, the Yale New Haven Center for Emergency Preparedness and Disaster Response (YNH-CEPDR) has developed, tested and implemented several tools and processes to assist YNHHS and its delivery network hospitals during severe weather events such as Hurricane Irene. This was accomplished through fusion of a wide variety of information, timely dissemination of streamlined summaries and demonstration of flexibility and adaptability during severe weather. This training session will provide an overview of tools including the regularly disseminated Atlantic Basin Brief, the threat-specific SIRC Weather Update, the Hurricane Synchronization Matrix and ad-hoc information summaries utilized during the response to Hurricane Irene. Additionally, the processes for activation of the SIRC, staff-specific duties and lessons learned from YNHHS's response to Hurricane Irene will be reviewed.

Instructor:

Richard B. Smith, Training and Evaluation Specialist, Yale New Haven Health, New Haven, CT

Jeff Schlegelmilch, MPH, MEP, Manager, Emergency Management Services, Yale New Haven Health, New Haven, CT

F1 NYCOEM WS

Adopting a Disaster Logistics Doctrine: The Universal Logistics Standard

Monday, March 26, 2012

Time: 8:30 am to 10:00 am

Location: Lake Highland A

In 2005, Hurricane Katrina highlighted how a weakness in logistics can have disastrous results. One of the most glaring weaknesses was a lack of unity of effort between each level of government. To combat this, emergency managers have come together to develop baseline standards for measuring the effectiveness of disaster logistics operations. This panel-led session presents an outline of what a nationwide, "universal" doctrine for disaster logistics should contain and some relevant, current best practices at the local, state and federal levels that illustrate a few of its proposed features. A roadmap for building an effective disaster logistics response capability will be presented, including discussion on automated tools, capability assessments and resource staging and distribution.

Moderator:

Jim Penta, Deputy Logistics Program Manager, Regional Integration Center, New York, NY

Speakers:

Kiran Dhanji, Regional Logistics Program Manager, NYC office of Emergency Management, Brooklyn, NY

Paul Latham, Deputy Logistics Chief, NC Division of Emergency Management, Raleigh, NC

Jason Wind, Logistics Branch Chief, FEMA Region II, New York, NY

G1-G4 Public Education/Media/Private Industry TS

Reach Out with Outreach: From Social Media to Video – A Creative Approach to Preparedness and Emergency Public Information

Monday, March 26, 2012

Time: 8:30 am to 5:00 pm

Location: Lake Highland B

Preparedness is a key component in preventing a disaster from becoming a tragedy. This training session will highlight creative and innovative ways to develop your local public education outreach. It will teach the basics of social media – what is social media, who is using it, the different platforms and services available. In addition, several examples of social media use in the emergency management field will be provided. Learn how to design a creative and effective outreach program that will meet your audience's specific needs. For example, take your preparedness message online through video. From the simplest plan to a full-on studio shoot, there are options for every sized jurisdiction AND every sized budget.

Instructors:

Tom Iovino, Communications Specialist, Pinellas County Dept. of Communications, Clearwater, FL

[Lynne McChristian](#), ABC, Florida Representative, Insurance Information Institute, Tampa, FL

[Jeff Suggs](#), Emergency Management Coordinator/Public Information Director, City of La Porte, TX

Dale Koning, First Responders Program, Pinellas High School, Largo, FL

Chad Magnuson, American Red Cross, Orlando, FL

[William Vola](#), Emergency Management Coordinator, Baytown, TX

[Dan Peterson](#), Vice President, Connect 4 Gov, Blackboard, Inc., Washington, DC

Cherie Boyce, EM Specialist, Orange County Emergency Management, Winter Park, FL

H1-H2 ABC's of EOCs

Monday, March 26, 2012

Time: 8:30 am to 12:00 pm

Location: Lake Eola A

A must – see primer for those interested in learning more about an Emergency Operations Center and for those considering constructing and operating such a facility.

Moderator:

“Your EOC: An Overview”

John D. Wilson, Director, Lee County Public Safety, Fort Myers, FL

“Designing EOC's for the 21st Century: an Evolving Art Form”

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

“Incorporating Emergency/Incident Action Planning into the Emergency Operations Center”

Gerald Campbell, Planning Chief, Lee County Emergency Management, Fort Myers, FL

“The D, E, F & G's of EOCs – Lessons Learned in Building an EOC”

Jerry Smith, Division Manager, Lake County Emergency Management, Tavares, FL

I1-I4 Fire/EMS TS

Tactical GIS Support for Emergency and Disaster Management

Monday, March 26, 2012

Time: 8:30 am to 5:00 pm

Location: Lake Eola B

This interactive training session will bring together decision makers, first responders, and GIS practitioners to consider lessons learned, socialize best practices, investigate emerging technologies, and understand field requirements for the tactical application of GIS support in emergencies and disaster management. Using hands on practical examples, participants with operational and support roles from every level of disaster response – strategic and tactical – will interact with lo-tech, web-based, and desktop GIS tools to assist them in preparing for, responding to, and recovering from disasters. Training session activities will include identification of operational areas, mission planning, and visual situational awareness across disciplines.

Instructors:

[Soheila Ajabshir](#), Systems Manager, Miami-Dade Emergency Management, Miami, FL

Michael Maloney, USNG Coordinator, Center for Interdisciplinary Geospatial Information Technologies, Delta State University, West Cleveland, MS

Scott Chappell, US&R/HazMat Program Coordinator, Division of State Fire Marshal, Ocala, FL

Carla Boyce, Director, National Integration Center, FEMA, Washington, DC

J1-J2 Response TS

Emergency Management Assistance Compact: The Process of EMAC

Monday, March 26, 2012

Time: 8:30 am to 12:00 pm

Location: Lake Sheen A

The Emergency Management Assistance Compact (EMAC), established in 1996, stands today as the cornerstone of mutual aid. The EMAC mutual aid agreement and partnership between member states exists because all states share a common enemy: the threat of disaster. EMAC is the first national disaster-relief compact since the Civil Defense and Disaster Compact of 1950 to be ratified by Congress. All 50 states, the 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, access to essential resources enables local governments to manage emergencies more effectively. This workshop will focus on the 5-phase EMAC process, Pre-Event Preparation, Activation, Request & Offer, Response and Reimbursement, which enables local government to request and provide assistance through EMAC more effectively. This session will also clarify specific actions to be taken by local government within each phase as well as the concept of Mission Ready Packaging, part of pre-event preparation; and whose use will greatly facilitate identifying, mobilizing and deploying city, county and state resources for both intrastate and interstate. The session will conclude with an overview of initiating the reimbursement phase with resource providers, assisting states and deployed personnel.

Moderator:

Elaine Wathen, NC Division of Emergency Management, Raleigh, NC

Instructor:

Leon Shaifer, EMAC Senior Advisor, NEMA, Brandon, MS

K1-K2 Recovery TS

FEMA CEF: The 50% Rule, Private Property Demo and other FEMA Policies

Monday, March 26, 2012

Time: 8:30 am to 12:00 pm

Location: Lake Sheen B

This training will include the various policies within FEMA and their application across the program, including how CEF works and how to use it effectively; Repair vs Replacement combined with CEF training-specific to hospitals and schools. The focus will be on flood damaged structures, mold and asbestos, HVAC systems, etc. What are the high dollar damage elements that will push a replacement in the 50% rule?

Instructors:

Wendy Duncan, Public Assistance Coordinator, FEMA Region VIII, Golden, CO

John Marini, VP and Chief Operating Officer, Adjusters International, Utica, NY

Jonathan Hoyes, Vice President, Disaster Services, ATCS PLC, Dulles, VA

Concurrent Sessions Monday, March 26, 2012 10:30 am to 12:00 pm

A2 Recovery WS

“Dollars & Sense” – Progressive Financial Disaster Management

Monday, March 26, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Concord A

Many communities have faced or experienced multi-million dollar de-obligations after a disaster due to simple mistakes. In some cases communities have lost credit ratings due to negative audit findings which negatively impact a jurisdiction’s ability to recover in the long term. This presentation is designed to provide emergency managers and finance departments with sound financial disaster management techniques and innovative solutions to maximize, track and appropriately obligate disaster grant funding. It will engage participants by asking them to present questions regarding disaster grant issues and policies that guide how funding may be utilized.

Speakers:

Anthony Trasatti, Project Executive, Katrina Disaster Recovery Financial Management Project, New Orleans, LA

D2 Hurricane History WS

Tools and Lessons to Assist Decision Makers and Local Emergency Management

Monday, March 26, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Hart B

After taking this workshop, attendees will be better able to understand The Atlantic Hurricane Database (HURDAT) - how and who maintains it; the uses of HURDAT; and why a re-analysis of the database is needed. Understanding your “local” hurricane impact history can be a very important lesson.

Moderator:

Pat Fitzpatrick, Associate Research Professor, Geosystems Research Institute, Mississippi State University, SSC, MS

Speakers:

“The Atlantic Hurricane Database – What is a “Best Track” and How is it Determined?”

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

“Historical Hurricane Tracks Tools – How Do I Access Historic Hurricane Info for my Area?”

Dave Eslinger, NOAA/NHC, Silver Spring, MD

“A Re-Analysis of the Atlantic Hurricane Database – Why Should We Care about Old Storms”

Chris Landsea, Science and Operations Officer, NOAA/NWS/National Hurricane Center, Miami, FL

F2 NYCOEM WS

NYC Citywide Logistics Program: Hurricane Irene Preparation and Response

Monday, March 26, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Highland A

Emergency supply stockpiling and deployment planning for coastal storm shelter support are important components of disaster preparation in hurricane-prone areas. Coordination between government partners and private sector capabilities is critical to a successful deployment of emergency supplies. In this workshop, you will hear about stockpiling, shelter support operations, and deployment and demobilization from three perspectives: 1. the EOC, 2. the facility site operators, and 3. the Third-Party Logistics Provider (3PL). The panel will discuss the following topics based on recent deployments during Hurricane Irene in New York City:

- NYC Citywide Logistics Program and the NYC Emergency Supply Stockpile (ESS)
- Citywide shelter support strategies, partners, and planning/preparedness efforts
- Private sector integration into planning/preparedness efforts
- Deployment timelines and scenarios
- Demobilization
- Continued planning and preparedness, post-Irene

Moderator:

Kelly McKinney, Deputy Commissioner, NYC Office of Emergency Management, Brooklyn, NY

Speakers:

Erin Bores, Senior Logistician, NYC Office of Emergency Management, Brooklyn, NY

Angelo Lisa, Director of Emergency Management, NYC Department of Education, Long Island City, NY

Faith Ross, Director of Programs/Operations, Menlo Worldwide Logistics, Aurora, IL

Concurrent Sessions Monday, March 26, 2012

1:30 pm to 3:00 pm

A3-A4 Amateur Radio TS

Disaster Communications Before, During and After Hurricanes

Monday, March 26, 2012

Time: 1:30 pm to 5:00 pm

Location: Lake Concord A

This training session will discuss the general Amateur Radio involvement in the tropical events of 2011 and the Haiti Earthquake involvement of the WX4NHC Amateur Radio support group from 2010. Specific presentation topics will include WX4NHC-The National Hurricane Center Amateur Radio station, the Hurricane Watch Net, and the VoIP Hurricane Net. A review of the Emergency Communications and Interoperability involved in the deployment of operators in the aftermath of the massive earthquake in Haiti will be presented. A National Hurricane Center (NHC) hurricane specialist will present the importance of Amateur Radio surface reports to the hurricane forecasting process. An in-depth look at the New England response to Tropical Storm/Hurricane Irene will also be given followed by an ARRL Emergency Communications Overview.

Instructors:

John McHugh, K4AG, WX4NHC, National Hurricane Center, Miami, FL

Julio Ripoll, WD4R, WX4NHC, National Hurricane Center, Miami, FL

Robert Macedo, KD1CY, VoIP Hurricane Net, New Bedford, MA

Greg Sarratt, W4OZK, ARRL, Huntsville, AL

Jim Palmer, KB1KQW, Videographer, Peabody, MA

Dennis Dura, K2DCD, American Red Cross, Washington, DC

Mike Corey, K5MPC, Manager of Preparedness and Response, ARRL HQ, Newington, CT

Hurricane Specialist, National Hurricane Center, Miami, FL

B3 Fire/EMS TS

TReC-Coming to a City Near You!

Monday, March 26, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Concord B

Emergencies, both man-made and natural, do not respect the borders of any one jurisdiction. Complex incidents show the ever-growing need for collaboration among responders before, during and after an emergency event. The Training for Regional Collaboration (TReC) is a free program that assists emergency services leaders in their efforts to improve their working relationships with other agencies and response partners. Attendees will gain knowledge of TReC's unique approach to collaboration, including its innovative blended-learning process. They will also become familiar with TReC's unique baseline data gathering modeled after the IAFC Terrorism and Homeland Security Committee's Terrorism Response: A Checklist and Guide for Fire Chiefs and Community Preparedness Leaders. This tool was recently updated to encompass a broader approach to preparedness, including all risks and hazards. The session will conclude with an opportunity for attendees to share their collaborative practices. TReC is managed by the IAFC in cooperation with FEMA's National Training and Exercise Division.

Instructors:

Melissa Hebert, Program Manager, IAFC, Fairfax, VA

P Michael Freeman, Fire Chief, retired, Los Angeles County Fire Department, Whittier, CA

D3 Healthcare/Accessibility and Functional Needs WS

Findings on the Utility of Meteorological Data to Protect Hospital Buildings and Continuity of Care

Monday, March 26, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Hart B

The United States has over 16,000 (mostly private) hospital facilities from coast to coast. Individually they service local urban and rural communities with life-saving services that cannot be duplicated by any other sector. Collectively, however, they form a critical response and recovery chain when disasters strike. In both cases, functional hospital buildings permit medical and health professionals to render patient care. Severe weather that imperils the infrastructure or critical non-structural elements (e.g., rolling beds, carts, equipment) takes attention away from patient care (to that of building care), and drastically removes a critical arm of disaster response operations in addition to making the response more costly. Several disciplines--engineering, emergency management, meteorology, and finance--carry a piece of the solution to building a robust national healthcare infrastructure. This panel convenes the engineering, emergency management, and meteorological components to address the problems and solutions to a National infrastructure problem that needs more attention.

Speakers:

Wendy Marie Thomas, Policy Analyst/Meteorologist, American Meteorological Society, Washington, DC

Paul Tertell, FEMA, Washington, DC

Andrew D. McGuire, BS, EMT-P, President, ADM Group, LLC, Danbury CT

E3-E4 Healthcare/Accessibility and Functional Needs TS

Preparing the Public Health Workforce for Hurricanes

Monday, March 26, 2012

Time: 1:30 pm – 5:00 pm

Location: Lake Lucerne

The University of South Florida's Public Health Training Center and Leadership in Public Health Practice conducted a statewide needs assessment of Florida's Department of Health Workers and initiated two innovative programs to 1) train Florida counties' public health workforce to enhance their preparedness and response systems and, 2) increase knowledge and skill in crisis leadership disaster management in the tropical islands and Central America. Dr. Brown will present methods for conducting an assessment to focus program efforts that includes selection of questions, pilot-testing, and interpretation of results. Mr. Gardner will describe the development and delivery of Sarasota's county-wide preparedness model and approaches to coalition building and sustainment. Mr. Rogoff will discuss crisis leadership in preparing resource poor communities for disasters. Diminished funds for support of disaster programs make it imperative that resources are strategically used to strengthen and sustain the public health workforce.

Instructors:

Lisa M. Brown, Associate Professor, USF College of Public Health, Tampa, FL

Dave Rogoff, USF Center for Leadership in Public Health Practice, Tampa, FL

Patrick Gardner, USF Center for Leadership in Public Health Practice, Tampa, FL

F3 NYCOEM WS

Healthcare Facility Evacuation: The NYC Experience

Monday, March 26, 2012

Time: 1:30 pm to 3:30 pm

Location: Lake Highland A

On August 27, 2011, Hurricane Irene made landfall in New York City. In the hours leading up to this incident, the interagency Healthcare Facility Evacuation Center (HEC) helped individual facilities initiate resource assessments, staging, and operational planning. The HEC supported the evacuation of nearly 7200 patients from over 40 health care facilities in evacuation zones. In this workshop you will hear from professionals who staffed the HEC and are involved with implementing the lessons learned. They will share their experiences and detail: Tactics used to execute coordinated healthcare facility evacuation; Evacuation and shelter-in-place decisions; Transportation coordination; Coordinated planning to take corrective actions prior to the next storm season. New York City's experience illustrates that it is possible for a large urban center with excellent organizational preparedness to rapidly evacuate many patients.

Moderator:

Mordechai Goldfeder, Sr Health and Medical Planner, NYC OEM, Brooklyn, NY

Speakers:

Kristin Stevens, Director of Emergency Management, NYU Langone Medical Center, New York, NY

Jonathan Pistilli, Division Chief, Bureau of EMS, Fire Department of NYC, Brooklyn, NY

Judy Walker, Deputy Director, Emergency and Ops Support, Metropolitan Transportation Authority, New York, NY

Erich Giebelhaus, Director of Interagency and Vulnerable Populations Planning, NYC Department of Health and Mental Hygiene, Long Island City, NY

H3-H4 Evacuation Decision Making TS

Basic Training on NWS and NHC Products and Services and Storm Surge 101 for Decision Makers

Monday, March 26, 2012

Time: 1:30 pm to 5:00 pm

Location: Lake Eola A

Emergency managers and decision makers will learn about NHC products that can help to determine a location's wind and surge threats. Participants will learn how to use and interpret all of NHC's tropical cyclone products; however, the session will primarily focus on NHC's probabilistic wind speed and storm surge products. The session will also present changes to be considered in developing decision making structures that account for the decoupling of storm surge from the Saffir-Simpson Wind Scale. Information will also be presented that suggests what needs to be communicated to the public and how, in order to implement successful evacuations.

Instructors:

Jamie Rhome, Storm Surge Specialist, National Hurricane Center, Miami, FL

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

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

Dr. Jay Baker, Department of Geography, Florida State University, Tallahassee, FL

John D. Wilson, Director, Lee County Public Safety, Fort Myers, FL

J3 Response TS

Military Support of Civil Authorities During Natural Disaster

Monday, March 26, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Sheen A

This training session will cover the multi-faceted role the Department of Defense resources plays in supporting civilian authorities during natural disasters. Speakers from various Department of Defense organizations will discuss their role in support of DHS/FEMA in the federal response. They will discuss how to access Dept. of Defense resources. What are the criteria for active duty and National Guard resources to assist civilian authorities during a disaster? What assistance can they provide and what assistance can't they provide?

Moderator:

Clark Lystra, Office of Assistant Secretary of Defense, Washington, DC

Speakers:

Eric Robinson, Deputy DCO, FEMA Region IV DCOE, Atlanta, GA

Tom LaCrosse, Director, Defense Support of Civil Authorities, Office of the Secretary of Defense, Springfield, VA

Tim Russell, Deputy Director, Future Operations, US Northern Command, Peterson AFB, CO

Colonel Barrett Holmes, Defense Coordinating Officer, FEMA Region IV, Atlanta, GA

Colonel Barry Keeling, Director of the Joint Staff, Louisiana National Guard, New Orleans, LA

K3-K4 Recovery TS

Debris Management

Monday, March 26, 2012

Time: 1:30 pm to 5:00 pm

Location: Lake Sheen B

It's all about preparedness! A Debris Management Plan allows for a faster and more thorough response to a debris-generating event and will ultimately save a community time and money. This session will discuss the various personnel and resources available to you for your Debris Management Team and how to best utilize their expertise and experience in developing your jurisdiction's Debris Management Plan.

Instructors:

Wendy Duncan, Public Assistance Coordinator, FEMA Region VIII, Golden, CO

CONCURRENT SESSIONS Monday, March 26, 2012

3:30 pm to 5:00 pm

B4 Fire/EMS WS

DHS IMT 3: Position Specific Training Requirements

Monday, March 26, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Concord B

ICS Position-Specific Professional Development DHS/Incident Management System Integration Division, along with NWCG, USFA, the U.S. Coast Guard, and the Environmental Protection Agency, has developed ICS Type 3 position specific professional development opportunities. The performance-based position-specific development consists of classroom-based courses and field mentoring. Field mentoring consists of Type 3 Incident Management Team (IMT) members deployed to an incident where they will be mentored by an experienced Type 1 or Type 2 IMT. This allows the Type 3 IMT member to become actively involved in or monitor the functions, tasks, and responsibilities of the position they will be performing on their Type 3 IMT. Field mentoring provides Type 3 IMT members with hands-on experience through meaningful tasks and assignments enhancing knowledge of their position - to learn first-hand about IMT operations during major emergencies/incidents. Type 3 IMT members may have some tasks reviewed and signed off in their ICS position task books (PTB) during these assignments. Assignments are intended to be both personal and professional development opportunities.

Instructors:

Robert Ridgeway, IMT Position Specific Training Program Director, DHS/EMI, Emmitsburg, MD

D4 Insurance WS

Building Local Flood Awareness and Action Using NFIP's FloodSmart Tools

Monday, March 26, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Hart B

The National Flood Insurance Program (NFIP) uses the FloodSmart program for marketing, education and outreach to communities about flood risk. This workshop will introduce best practices for building awareness and participation around community issues, and it will explain how to apply these lessons to building FloodSmart communities. Participants will learn about new and improved FloodSmart outreach toolkits and partner tools. They will know how to put the tools to work to increase flood preparedness conversations, along with building cooperation among local organizations to encourage individual flood coverage. Topics include flood map changes, levee communities, new home purchase and post-flood actions. Attendees will leave with tools, messages and ideas to develop a community outreach campaign.

Speakers:

Jim Cowen, Vice President, Ogilvy Public Relations, Washington, DC

Kitty Harding, Team FloodSmart, Washington, DC

F4 NYCOEM WS

NY-NJ-CT-PA Regional Logistics Program: Decision Making Pre-Irene

Monday, March 26, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Highland A

“On August 24, with Hurricane Irene off the coast of Cuba the National Weather Service advised local emergency managers of a 30% chance that tropical storm force winds would impact them beginning Saturday night, August 27.”

This session will focus on preparation and response in the ensuing hours and days...

- What evacuation decisions were made and who were the decision-makers? How did emergency management support the decision-making process?
- Describe storm tracking and notification. How and when did local elected officials communicate with the public?
- How did emergency managers activate plans and coordinate stakeholder preparations?
- How did roadways and mass transportation work to move people in Evacuation Zones to higher ground?
- How did Healthcare Facility Evacuation operations work to move patients in Evacuation Zones HCFs to like facilities on higher ground?
- Did local governments coordinate well with the state? Did local governments coordinate well with each other?

Moderator:

Kelly R. McKinney, Deputy Commissioner, NYC Office of Emergency Management, Brooklyn, NY

Speakers:

Craig J. Craft, Nassau County Office of Emergency Management, Bethpage, NY

Robert F. Kenny, Emergency Management Area Coordinator, Connecticut Department of Emergency Services and Public Protection, Bridgeport, CT

J4 Response TS

Expediting the Delivery of Temporary Emergency Power to Critical Facilities

Monday, March 26, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Sheen A

This training session will provide participants with an overview of the temporary emergency power mission and will also introduce an online facility assessment tool that can be used to collect the data required to expedite the installation of generators. Topics will include discussion of Prime Power, Planning Response Teams, Pre-installation Assessments and the Emergency Power – Facility Assessment Tool (EP-FAT).

Instructors:

David Bishop, Temporary Emergency Power Subject Matter Expert, USACE, Cincinnati, OH

Darrell Ransom, Director, Distribution Management Division, FEMA HQ, Washington, DC

Peter Navesky, Disaster Program Manager, USACE HQ, Washington, DC

[Temporary Emergency Power Video](#)

[Emergency Power Facility Assessment Tool \(EPFAT\) Tutorial](#)

General Session

Tuesday March 27, 2012

Moderator: John Wilson, Chair, National Hurricane Conference

- 10:25 am Welcome – John Wilson, Chair, National Hurricane Conference
- 10:30 am 2011 Hurricane Season Recap – Bill Read, Director, National Hurricane Center, Miami, FL
- 10:50 am “Broadening the Emergency Management Team” - Craig Fugate, Administrator, FEMA, Washington, DC
Followed by open Roundtable Discussion with:
- Craig Fugate, Administrator, FEMA, Washington, DC
 - Bill Read, Director, National Hurricane Center, Miami, FL
 - Bryan Koon, Director, Florida Division of Emergency Management, Tallahassee, FL
 - Jim Williams, Walgreens Security Operations Center, Deerfield, IL
- 12:15 pm Lunch on your own

Moderator: Max Mayfield, Vice Chair, National Hurricane Conference

- 2:00 pm [“Coastal Crossroads: Hurricanes and the Shifting Nature of Catastrophic Loss in the U.S.”](#)
– Steven Weisbart, Chief Economist and Senior Vice President, Insurance Information Institute, New York, NY
- 2:30 pm [“USACE Hurricane Preparedness and the New Orleans Hurricane Storm Damage Risk Reduction System”](#) - Karen Durham-Aguilera, P.E., Director of Contingency Operations and Office of Homeland Security, Headquarters, USACE, Washington, DC
- 3:00 pm Coffee Break - Exhibit Hall – Orlando Ballroom, Lower Level
- 3:30 pm Annual Awards Ceremony
- 4:00 pm “Andrew’s Legacy: Are We Applying the Lessons Learned 20 Years Ago?”
- Bryan Norcross, Hurricane Specialist, The Weather Channel, Atlanta, GA
 - Kate Hale, Director of Emergency Services, James City Co., VA
 - Bill Massey, Director, Hurricane & Emergency management Programs, Dewberry, Atlanta, GA
 - Julie Rochman, President, Institute for Business & Home Safety, Tampa, FL
- 5:30 pm Adjourn

CONCURRENT SESSIONS Wednesday, March 28, 2012

8:30 am to 10:00 am

A1-A4 Mass Care TS

State Mass Care Coordination Training

Wednesday, March 28, 2012

Time: 8:30 am to 5:00 pm

Location: Lake Concord A

The state plays an important role in effective mass care coordination during a disaster. If the event is sufficiently large so as to exceed the available resources of the voluntary agencies, then the state must step in to meet the shortfall, or coordinate with FEMA to secure additional resources. This workshop introduces the important tasks performed by the state mass care coordinator and defines the roles that FEMA, the voluntary agencies and local governments play in ensuring that adequate mass care resources are available for the event. The workshop develops awareness about state mass care and emergency assistance as well as mass evacuations, functional needs support, household pets and service animals and reunification services. The facilitators for this workshop are state staff with mass care and emergency assistance operational experience.

Instructors:

Michael Whitehead, CEM, State Mass Care Coordinator, Florida DBPR, Tallahassee, FL

Margaret "Peggy" Mott, Mass Care Specialist FEMA HQ, Washington, DC

William Schaffer, State Mass Care Coordinator, Department of Human Services, Trenton, NJ

B1 Evacuation WS

State of the Art Research on Hurricane Risk Communication Using Simulation Experiments

Wednesday, March 28, 2012

Time: 8:30 am to 10:00 am

Location: Lake Concord B

Behavioral research on public response to hurricane threats usually relies on pre-storm or post-storm surveys of the public to identify statistical associations or self-reports to explain public response. A number of recent research projects have used computer graphics or hurricane effect simulators to represent hurricane threat information or conditions. The studies permitted researchers to isolate the effect of selected factors on individual response. Important findings will be presented.

Moderator:

Jay Baker, Department of Geography, Florida State University, Tallahassee, FL

Speakers:

"Public Response to Time-Dependent, Audio-Visual Depictions of Hurricane Threats"

Chester Wilmot, Louisiana Transportation Research Center, LSU, Baton Rouge, LA

"Evaluation of Hurricane Information Displays in Threat Assessment and Comprehension"

Michael Lindell, Department of Landscape Architecture and Urban Planning, Texas A&M University, College Station, TX

"Dynamic Lab Simulations in Understanding Hurricane Risk Response"

Robert Meyer, Co-Director, Wharton Risk Management and Decision Processes Center, University of Pennsylvania, Philadelphia, PA

C1 Hurricane History WS

1992's Hurricane Andrew

Wednesday, March 28, 2012

Time: 8:30 am to 10:00 am

Location: Lake Hart A

Andrew was a small and ferocious Cape Verde hurricane that wrought unprecedented economic devastation along a path through the northwestern Bahamas, the southern Florida peninsula, and south-central Louisiana. Damage in the United States was estimated to be near 25 billion, making Andrew one of the most expensive natural disasters in U.S. history. The tropical cyclone struck southern Dade County, Florida especially hard, with violent winds and storm surges characteristic of a category 5 hurricane on the Saffir/Simpson Hurricane Wind Scale. In Dade County alone, the forces of Andrew resulted in 15 deaths and up to one-quarter million people left temporarily homeless. This session will review Hurricane Andrew and its impacts; discuss how the science, monitoring, and prediction of hurricanes has evolved in 20 years; and describe the improvements made in mitigating the harmful effects of hurricane wind since Hurricane Andrew.

Moderator:

Chris Landsea, Science and Operations Officer, NOAA/NWS/ National Hurricane Center, Miami, FL

Speakers:

Max Mayfield, Meteorologist, WPLG-10, Miami, FL

James Franklin, Branch Chief, Hurricane Specialists Unit, National Hurricane Center, Miami, FL

Forrest Masters, Ph.D., Hurricane Wind Engineer, University of Florida, Gainesville, FL

D1 Insurance WS

Strength in Numbers: How Collaboration Propels Mitigation

Wednesday, March 28, 2012

Time: 8:30 am to 10:00 am

Location: Lake Hart B

The saying goes that none of us is as strong as all of us. This is especially true when it comes to hurricane mitigation. Working with diverse audiences and distinct perspectives shows how actions converge – and where they may dissolve. Florida State University's Storm Risk Management Center has been researching how interconnectedness in mitigation measures translates into actions to help homeowners and businesses fortify their properties. Rebuild Northwest Florida is a public/private partnership with success stories on helping people rebuild and fortify their homes. This presentation will look at FSU's research and Rebuild's progress to offer insight into aligning commonalities to improve public awareness of the importance and benefits of property mitigation.

Speakers:

Dr. Lori Medders, Storm Risk Management Center, Florida State University, Tallahassee, FL

Garrett Walton, CEO, Rebuilding Northwest Florida, Pensacola, FL

Rod Matthews, P & C Operations VP, State Farm, Bloomington, IL

E1 Private Industry WS

Chains are Only as Strong as their Weakest Links...Where are Yours?

Wednesday, March 28, 2012

Time: 8:30 am to 10:00 am

Location: Lake Lucerne

While some common elements may apply, industry professionals often focus on actions that have worked in one set of circumstances and apply them to all, without considering unique aspects that may require different approaches. In this workshop, you will hear from professionals representing businesses up and down the eastern seaboard who have dealt with unique challenges head on. They will share personal experiences as well as lessons learned. Specifics ranging from role clarity and leadership support to evaluative tools and asset protection will be discussed.

Moderator:

Lucas McDonald, Emergency Operations Manager, Wal-Mart, Bentonville, AR

Speakers:

[“Crisis Planning and Managing a “Triple Threat”: Washington Earthquake, Hurricane Irene and Tropical Storm Lee”](#)

Dan Listrani and Beth Davis, Business Continuity Planning, Wegman’s Food Markets, Rochester, NY

“Texas on Fire! H-E-B’s Response to the Bastrop Complex Fire and the 2011 Record Drought”

Justen Noakes, Director of Emergency Preparedness, HEB Corporation, San Antonio, TX

“Disaster Preparation: Nuclear Power Plants in Harm’s Way”

R. D. Mothena, Director, Emergency Preparedness, Nuclear Division, NextEra Energy, Juno Beach, FL

F1 Utilities WS

What Critical Operations Power Systems (COPS) Means to Your Facilities

Wednesday, March 28, 2012

Time: 8:30 am to 10:00 am

Location: Lake Highland A

This workshop will highlight Critical Operations Power Systems (COPS) for facilities or parts of facilities that require continuous operation for public safety, emergency management, national security, or business continuity. Speakers will discuss how to identify Designated Critical Operations Areas (DCOA) within a facility or site, and the National Electric Code (NEC) sections that pertain to this critical infrastructure. Discussions will include electrical, mechanical and architectural facilities design criteria and lessons learned.

Moderator:

Speaker:

Spencer Perry, CDM Smith, Southeast Region Electrical Group Leader, Maitland, FL

G1-G2 Fire/EMS TS

US National Grid (USNG) for Planning, Operations and Situational Awareness

Wednesday, March 28, 2012

Time: 8:30 am to 12:00 pm

Location: Lake Highland B

This training session will teach students to understand and use the US National Grid (USNG) System to support planning, emergency and disaster operations, and build situational awareness. Using hands-on short desktop examples, students will interact with maps, compasses, and GPS as well as other simple tools that will assist them in preparing for and responding to emergencies of all sizes. Operational implementation of the USNG spans preparedness and response operations. Use of the USNG provides a uniform platform for pre-scripted mission planning, assigning and managing operational areas, and drives situational awareness across disciplines and jurisdictions. In response to after action reviews from nearly every large multi-jurisdictional incident jurisdictions from around the country are implementing the USNG across public safety and emergency management disciplines

Instructors:

Scott Chappell, US&R/HazMat Program Coordinator, Division of State Fire Marshal, Ocala, FL

Michael Maloney, USNG Coordinator/Lead Cartographer, Center for Interdisciplinary Geospatial Information Technologies, Delta State University, West Cleveland, MS

Carla Boyce, Director, National Integration Center, FEMA, Washington, DC

I1-I3 WAS*IS WS

Weather and Society-Integrated Studies

Wednesday, March 28, 2012

Time: 8:30 am to 12:00 pm

Location: Lake Eola B

Weather and Society*Integrated Studies (WAS*IS) is a grassroots movement that is changing the weather-emergency management enterprise by integrating social science into meteorological research and practice in comprehensive and sustained ways. The purpose of WAS*IS EM is to showcase real life examples of successful collaborations, and highlight integrated multidisciplinary projects throughout the Emergency Management, Meteorology, and Social Science fields. This year's WAS*IS EM workshop will take a closer look at how weather information can be used by emergency managers, behavioral studies and social science, social media and communication, and the Integrated Warning Team model.

- What is "social science" and why does it matter to emergency managers?
- How are advanced GIS technology, behavioral studies, and other multidisciplinary information being used to help better prepare us for hurricane hazards?
- What are real life examples of local emergency management collaboration with National Weather Service, Universities, and other partners to create new solutions to the same old problems?
- Who are our "End Users" and the various public groups who communicate with emergency managers? Why should we care?

Moderator:

David Odegard, FEMA Region III, Haddonfield, NJ

Speakers:

Dr. Richard Knabb, Tropical Program Manager, The Weather Channel, Atlanta, GA

Dr. Burrell Montz, Professor and Chair, Department of Geography, East Carolina University, Greenville, NC

[Dr. Betty Morrow](#), SocResearch, Miami, FL

Dr. Laura Myers, Community Disaster Resiliency, Mississippi State University, Starkville, MS

Jennifer Sprague, Hurricane Forecast Improvement Project, NOAA/NWS, Silver Spring, MD

J1-J2 Healthcare/Accessibility and Functional Needs TS
Hurricane and Tropical Storm Preparedness for Inland Healthcare Facilities

Wednesday, March 28, 2012

Time: 8:30 am to 12:00 pm

Location: Lake Mizell A

This presentation will examine several tropical case studies from the weather service of storms that had significant inland impacts. The case studies examine the effects of the land falling storms on transportation and infrastructure systems in the vicinity of major medical facilities, community hospitals, and non-hospital healthcare organizations. Updated best practices and lessons learned from a large academic health care system that includes a Level 1 Trauma Center, Community Hospital, Critical Access Hospital, field-deployable medical assistance team, Rehabilitation Center, Nursery and Newborn Critical Care Center, Adult and Pediatric Burn Center, Solid Organ Transplant Center, and hospital-based Home Health, Hospice and Homecare services will be included. A strong emphasis will be placed on the impacts on continuity of operations planning and coordination with community infrastructure partners to support in patients, out-patients, and medically vulnerable persons in the community.

Instructor:

Dalton Sawyer, Director, Emergency Preparedness and Continuity Planning, The University of NC Health Care System, Chapel Hill, NC

K1-K4 Public Education/Media TS
Joint Information Centers (JICs) and Field Deployment

Wednesday, March 28, 2012

Time: 8:30 am to 5:00 pm

Location: Lake Mizell B

This Seminar is designed to give participants an overview and insight into Joint Information System (JIS) and Joint Information Center (JIC) operations from the local, state and federal perspectives. The presenters will highlight the lessons learned and best practices that were developed during recent hurricane seasons. The first 3- hours of training will be followed by an interactive table-top exercise to facilitate an open discussion on practical ways to establish and maintain open lines of communication to the public, press and responders.

Instructors:

Mary Hudak, External Affairs Director, FEMA Region IV, Atlanta, GA

L1-L4 Fire/EMS TS**Logistics Management in Disasters – Part 1****Wednesday, March 28, 2012****Time: 8:30 am to 5:00 pm****Location: Florida 1-3**

This is an entry to mid-level logistics management course that will familiarize students with the various aspects of disaster logistics. Logistics is the foundation in a disaster, and will mean the success or failure of an operation. An emphasis will be placed on pre-identified push packages for US&R, LE, Mass Care and other missions that are established and/or contracted for pre-event. Core elements of the course include development of a unified logistics program across all levels of government, agencies, associations and organizations, as well as building self-sufficiency, and utilization of the Logistics Capability Assessment Tool (LCAT). Modules include logistics planning, training, forecast modeling, supply chain management, determining shortfalls, establishing essential resources, conventional and contingency contracting, purchasing, logistics management systems and Time Phased Force and Deployment Lists (TPFDDL), resource types and tracking of resources. There will be discussions on the first 72-hours of an event and the balance of pre-positioning resources and strategic outsourcing. Activation level topics include establishing and managing state and county Mobilization Areas, Logistics Staging Areas, County Points of Distribution, Forward Operating Bases, air, rail and sealift support for logistics operations, Emergency Worker Base Camps, and Catastrophic Client Shelter Complexes.

Instructors:

Chuck Hagan, State Logistics Chief, Florida Division of Emergency Management, Tallahassee, FL
Connie Nunn, Deputy Logistics Chief, Florida Division of Emergency Management, Tallahassee, FL

Concurrent Sessions Wednesday, March 28, 2012**10:30 am to 12:00 pm****B2 Atlantic Basin Seasonal Hurricane Prediction and the 2012 Outlook****Wednesday, March 28, 2012****Time: 10:30 am to 12:00 pm****Location: Lake Concord B****Speakers:**

Phil Klotzbach, Ph.D., Research Scientist, Department of Atmospheric Science, Colorado State University, Colorado Springs, CO

William Gray, Emeritus Professor, Department of Atmospheric Science, Colorado State University, Colorado Springs, CO

C2 Hurricane History WS

Hurricane Irene's Rainfall and Freshwater Flooding – Haven't We Seen this Before?

Wednesday, March 28, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Hart A

2011's Hurricane Irene made landfall in North Carolina and then tracked north, up the Atlantic Seaboard into New England. Even though it weakened to Tropical Storm status just before its eye reached Long Island and NYC, it still caused substantial damage caused by its heavy rainfall, and flash flooding. Many people were surprised by the destruction that Hurricane Irene wrought in their communities far inland. Today, inland flooding from tropical cyclones is a huge problem and concern. National Weather Service records show freshwater flooding deaths are second only to storm surge in causing fatalities from tropical storms and hurricanes in the United States. This workshop will compare Hurricane Irene's rainfall and flooding with other historic cyclones in the Mid-Atlantic and New England, describe how rainfall and fresh-water flooding are predicted and present research on how tropical storms and hurricanes often act in a beneficial way to end droughts.

Moderator:

Chris Landsea, Science and Operations Officer, NOAA/NWS/ National Hurricane Center, Miami, FL

Speakers:

David Roth, Meteorologist and Hurricane Historian, NWS/Hydrometeorological Prediction Center, Camp Springs, MD

Bill Read, Director, National Hurricane Center, Miami, FL

Pat Fitzpatrick, Ph.D., Meteorologist & Associate Research Professor, Geosystems Research Institute, Mississippi State University, SSC, MS

D2 Insurance WS

Life Interrupted: Tips for Resilient Homes and Businesses

Wednesday, March 28, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Hart B

A quick recovery from a hurricane depends on how well you deal with the vulnerabilities in advance. Hardening structures, conducting a home and business inventory, and the importance of getting proper insurance protection are routinely discussed. However, not enough attention is paid to protecting and securing what keeps the power on, the inside of a building dry and the indoor air temperature tolerable. This session will address functional resiliency – how to secure an exterior structure and physical equipment, such as air conditioning equipment and roofs, so they keep working and do not cause more property damage in high winds.

Speakers:

Chuck Miccolis, Commercial Lines Engineer, Insurance Institute for Business & Home Safety, Tampa, FL

Scott Koedel, President/COO, Don Meyler Inspection, Pompano Beach, FL

Bill York, WHYork Consulting, Inc., Richburg, SC

E2 Private Industry WS

If Knowledge is Power, Communications is the Relay Switch

Wednesday, March 28, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Lucerne

With the wealth of information and knowledge sources available today, most people agree that the plusses far outweigh the minuses. Yet, emergency planning professionals understand all too well how poorly planned and managed communications can derail the best sources of information. In this session, you will hear diverse organizations discuss harnessing information flow to generate strong effective crisis management plans. You'll receive professional insights on topics including effective use of weather and hurricane forecasts, the role of meteorologists, staffing challenges, outage predictions, decision-making factors, and constructing timely, effective and credible communications.

Moderator:

Brick Rule, President, Restoration Engineering, Port Charlotte, FL

Speakers:

"Hurricane Forecasting: It's Role in Electric Utility Emergency Planning"

Nick Keener, CCM, Duke Energy Meteorology, Charlotte, NC

"Know it All": The Value of Understanding the Source, Format and Recipients for your Communications"

David Hosier, Sr. Manager, Macy's, Inc., Cincinnati, OH

"Weather Data: How Weather Predictions Can Impact Decision Making at Theme Parks"

Ricky Ricks, Security Manager, Walt Disney World Parks & Resorts, Lake Buena Vista, FL

F2 Utilities TS

Staging Sites - Design, Preparedness and Management

Wednesday, March 28, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Highland A

After an area is devastated by a hurricane, a staging site usually becomes the home base for utility responders while they are providing assistance to a host organization. Identifying staging site locations in advance, and pre-designing site layouts, can accelerate the recovery process, and make the operations more effective. There are many factors that must be considered when planning a site, so this presentation will educate the audience about best practices, and identify design, preparedness and training needs. The session will include information and lessons learned from actual staging site operations.

Speaker:

Bill Howell, Jr., System Outage Response, Entergy Corporation, Clinton, MS

Jeff Badeaux, President and Managing Partner, Base Logistics, LLC, Harvey, LA

**H2 Public Education/Media/Insurance WS
Communications Challenges: From Andrew to Irene**

Wednesday, March 28, 2012

Time: 10:30 am to noon

Location: Lake Eola A

This workshop will look 20 years ago at the challenges during Hurricane Andrew, yet focus on public information challenges during Irene; the impact of extremely long lead times, the large geographic areas impacted, the network vs. local communications, the NYC component overshadowing communications to other areas, etc.

Speakers:

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

Bob Breck, Chief Meteorologist, WVUE-TV, New Orleans, LA

Kelly R. McKinney, P.E., Deputy Commissioner, NYC Office of Emergency Management, Brooklyn, NY

Concurrent Sessions Wednesday, March 28, 2012 1:30 pm to 3:00 pm

B3 Hurricane Preparedness and Planning Tools for the Island Environment

Wednesday, March 28, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Concord B

The U.S. Army Corps of Engineers has employed a multifaceted approach to address the unique tropical cyclone preparedness and planning issues for the Pacific and Caribbean islands. Although hurricanes and typhoons inflict the same general hazards on island jurisdictions as they do to their counterparts on the US mainland, their impacts to people and property there are quite different. Consequently, the protective actions and operational procedures required to safeguard those island interests can vary dramatically from those employed by communities in the rest of the coastal United States. This session will highlight those specialized measures including the data collection and surge and wave modeling efforts on reefs, as well as the development of an integrated computer dashboard that makes the results of that work available to state and local officials in planning for and executing their protective action procedures.

Moderator:

Milton Yoshimoto, USACE Honolulu District, Fort Shafter, HI

Speakers:

“Pacific Island Land-Ocean Typhoon (PILOT) Experiment”

Stanley Boc, Research Hydraulic Engineer, U.S. Engineer Research and Development Center, Vicksburg, MS

“Surge and Wave Island Modeling Studies (SWIMS)”

Jane Smith, Research Hydraulic Engineer, U.S. Engineer Research and Development Center, Vicksburg, MS

“The Mass Management System (MMS)”

Bob Collins, Senior Partner, Atkins, North American, Inc., Tallahassee, FL

Timothy Ledet, Senior Program Manager, Atkins, North American, Inc., Tallahassee, FL

“The Impact of MMS on State and Local Protective Action Planning”

Danny Tengan, State Hurricane Program Manager, Hawaii State Civil Defense, Honolulu, HI

**C3 Meteorology/Hydrology/Public Education/Media WS
Media Conceptions and Misconceptions During the 2011 Hurricane Season**

Wednesday, March 28, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Hart A

This session will address the successes, experience and concerns of the media and National Hurricane Center that arose during the 2011 hurricane season. These items will be addressed from the NHC, national and local perspectives.

Moderator:

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

Speakers:

"NHC and the Media in 2011"

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

"National Media and the 2011 Hurricane Season"

Chad Myers, Meteorologist, CNN, Atlanta, GA

"Local Media and the 2011 Hurricane Season"

Bob Breck, Chief Meteorologist, WVUE-TV8, New Orleans, LA

D3-D4 Insurance/Recovery/Mitigation WS

Understanding Your Risk; How to Read Your Insurance Policy; The Hazards of Underinsurance; After the Storm Recovery with Insurance, Grants & Loans

Wednesday, March 28, 2012

Time: 1:30 pm to 5:00 pm

Location: Lake Hart B

Fast recovery after a storm depends on what you do before the winds blow. This workshop will help you first understand your risks through some of the ways people are being educated about necessary risk-planning steps. It will then help you learn more about the insurance coverage you purchased to help you identify gaps that may need to be filled. Knowing where insurance coverage may need to be updated will prevent you from being underinsured – and knowing what happens when cost corners are cut too sharply is essential to proper protection. Additionally, the Small Business Administration will explain how their disaster loans work, eligibility requirements and ways to apply and how those loans are repaid. Avoiding the stress of recovery after a storm is dependent upon how well you take care of business in advance – and this workshop provides insight on how to financially protect yourself, your family and your property.

Speakers:

Lynn McChristian, Florida Representative, Insurance Information Institute, Tampa, FL

Michael Lampton, Public Affairs Director, Small Business Administration, Atlanta, GA

Rich Fidei, Esq., Partner, Colodny, Fass, Talenfeld, Karlinksy & Abate, Ft. Lauderdale, FL

Judy Copechal, VP Product Manager, Bankers Insurance Group, St. Petersburg, FL

Drew Davis, Agent, State Farm Insurance, Leesburg, FL

Bill Pancake, Agent, State Farm, Kissimmee, FL

E3 Private Industry WS

360 Degrees of Assessment and Response: Actions Speak Louder Than Words!

Wednesday, March 28, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Lucerne

When disaster strikes, predictability and reliability are extremely important to communities. Supporting organizations can achieve both by providing trusted service and a level of support to their customers that is second to none. Presenters in this workshop will speak to the elements of disaster preparation, assessment and communication. Within the broader topic, you'll learn how one company quickly assesses the extent of damage to the electric grid, and how another company deals with a ten-fold increase in workers in a very narrow timeframe as well as all of the associated challenges. Additionally you'll hear about (MCC's) Mobile Command Centers... what they are, how they help improve customer satisfaction and safety, etc. You'll walk through a crisis situation and examine how MCC's can help you successfully manage a plan.

Moderator:

Tom Janise, Safety/Adverse Weather Team, INVISTA, Vidor, TX

Speakers:

"Full Circle Assessment: How to Rapidly Assess Power Grid Damage, Plan a Response and Advise Millions of Customers"

Evermary Hickey, Manager, Emergency Preparedness and Restoration Support, Florida Power & Light, Plantation, FL

"Overnight Success: Effectively Scaling Up to a Diverse Workforce Tenfold in Little Time"

Rod Alsop, Logistics Manager, Florida Power & Light, Sarasota, FL

"Mobile Command Centers: Improving Safety, Service and Customer Satisfaction"

Aaron B. Strickland, Distribution Manager, Georgia Power, Atlanta, GA

F3 Utilities WS

Incident Command System (ICS) – Interface During Natural Disasters and National Emergencies

Wednesday, March 28, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Highland A

Emergency Management agencies, Police and Fire Services, and government agencies, utilize the Incident Command System (ICS) for their emergency response, including post-hurricane recovery efforts. For utilities, it is important for them to understand their role in this process, the nomenclature, and the functionality within this organizational structure. Understanding this will enable utilities to interface with those utilizing ICS, and will ensure that they can meet the expectations of the operation. This session will provide an overview of ICS, modules ICS-100 through ICS-400.

Speaker:

John Shaner, Emergency Preparedness Manager, PEPCO Holdings, Bethesda, MD

G3-G4 Fire/EMS WS

NIMS Resource Typing and Personnel Credentialing Update

Wednesday, March 28, 2012

Time: 1:30 pm to 5:00 pm

Location: Lake Highland B

This session will provide updates on the following initiatives: Resource typing definitions give emergency responders consistent information needed to make sure they receive the appropriate resources requested during an emergency or disaster. Ordering resources that have been typed using common definitions makes the resource request and dispatch process more accurate and efficient. The National Integration Center (NIC) has developed and published over 120 resource typing definitions. The NIC is continuing resource typing efforts and has established new working groups for the ongoing initiative. Additionally, working closely with state, tribal, and local partners the NIC developed the NIMS Guideline for the Credentialing of Personnel. The Guideline outlines processes for providing uniform credentials to authorized personnel who respond to and access disaster scenes – enabling responders to spend less time processing personnel and more time responding to the incident.

Speakers:

Mike Forgy, Branch Chief, FEMA/DHS, Washington, DC

H3 Public Education/Media WS

Social Media Capabilities During a Disaster: The Role of Social Media in Recent Disasters and Other Events

Wednesday, March 28, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Eola A

This workshop session will provide updates on how various media and emergency management support agencies are using Social Media as a tool for educating and communicating with the public. This workshop will utilize recent events to provide examples of social media capabilities

Moderator/Speaker:

Tom Iovino, Communications Specialist, Pinellas County Dept. of Communications, Clearwater, FL

Speakers:

Jeanne Salvatore, Senior Vice President, Insurance Information Institute, New York, NY

Kevin Smith, Director, Emergency Disaster Services, Florida Divisional HQ, Salvation Army, Tampa, FL

Erin Pavano, Special Project Coordinator, American Red Cross, Orlando, FL

I3 Response WS

The Cascading Impact of Hurricanes

Wednesday, March 28, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Eola B

When hurricanes strike, it isn't the wind, the storm surge or the flooding. In the aftermath of the storm, you are left dealing with widespread power outages, damage to roads and bridges, loss of communications, loss of Internet services, fuel shortages and other essential services. The loss of essential services not only impacts the survivors but also the response effort. How do we coordinate a timely and effective response without power, Internet or communications systems?

Moderator:

Elaine Wathen, Assistant Director, NC Division of Emergency Management, Raleigh, NC

Speakers:

Tom Collins, Director, Pender County Emergency Management, Burgaw, NC

Corey Johnson, Natural Hazards Planning Supervisor, NC Division of Emergency Management, Raleigh, NC

**J3-J4 Healthcare/Accessibility and Functional Needs TS
Disaster Sheltering Planning and Preparedness**

Wednesday, March 28, 2012

Time: 1:30 pm to 5:00 pm

Location: Lake Mizell A

Accommodating access and functional needs within general population shelters is an important topic at the forefront of many sheltering discussions. In addition, FEMA's Whole Community concept guides planners in providing support services reflective of the all residents in a community beyond just access and functional needs. These two important planning principles are integral components of emergency sheltering planning and New York City's shelter operations management.

Within this training session, participants will engage in multiple activities and facilitated discussions to:

- Gain an understanding of the principles behind access and functional needs support services and whole community planning and how they relate to effective shelter management operations.
- Learn how New York City accommodated access, functional and special medical needs and managed a network of 82 facilities during Hurricane Irene.
- Receive guidance on development of access and functional needs support services and shelter system management models.
- Learn the organizational framework developed, by the NY/NJ Regional Catastrophic Planning Team (RCPT) to provide emergency sheltering in response to a catastrophic event.

Instructors:

Dina Maniotis, Assistant Commissioner of Preparedness, NYC Office of Emergency Management, Brooklyn, NY

Kelly McKinney, Deputy Commissioner for Planning and Preparedness, NYC Office of Emergency Management, Brooklyn, NY

Mordechai Goldfeder, Senior Health & Medical Planner, NYC Office of Emergency Management, Brooklyn, NY

Concurrent Sessions Wednesday, March 28, 2012

3:30 pm to 5:00 pm

C4 Meteorology/Hydrology WS

Improving Hurricane Forecast Communication and Potential Improvements to NWS Tropical Cyclone Products and Services

Wednesday, March 28, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Hart A

The National Weather Service (NWS) is engaged in a long-term effort, the Hurricane Forecast Improvement Program (HFIP), to achieve more accurate and earlier forecasts of both track and intensity. Additionally, the NWS Surge Roadmap Project is working toward improved storm surge forecasting, including the possibility of a surge watch and warning, and new inundation graphics. Both projects have social science components designed to improve the communication of hurricane forecasts. This workshop will report findings from a national survey of coastal emergency managers about their use and assessment of current NWS hurricane forecast products, as well as some proposed ones. It will also report on-going efforts to test current and proposed NWS text and graphic products with a variety of stakeholders.

Moderator:

Betty Morrow, Consulting Sociologist, ERG and Dewberry, Miami, FL

Speakers:

Bryan Norcross, The Weather Channel, Atlanta, GA

Dan Summers, Director, Collier County Emergency Services, Naples, FL

Dave Sharp, Science Operations Officer, National Weather Service, Melbourne, FL

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

E4 Private Industry WS

Build Bridges, Not Barriers: How Communities Benefit from Private Industry and Public Sector Collaboration

Wednesday, March 28, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Lucerne

In a year marked by more costly natural disasters than any in recent history, the need for private industry and public sector collaboration has never been greater. This workshop looks at the full range of these partnerships from initial contact to repeatable solutions. One retailer will discuss working with state and local agencies throughout a storm to minimize losses and restore services ASAP. A county emergency planner details his county's relationship with public and private organizations and how those relationships not only support local emergent events, but serve as the foundation for a local Community Center that is collaboration among public, private and non-profit organizations.

Moderator:

Tom Janise, Safety/Adverse Weather Team, INVISTA, Vidor, TX

Speakers:

"Partnership to Prepare for and Recover from Hurricanes: A Retailer's Perspective"

Tim Shipman, Director of Corporate Investigations and Crisis Management, Food Lion/Delhaize America, LLC, Salisbury, NC

"Dream to Reality: How Planning, Partnership and Collaboration Built a Community Center"

Jeff Kelley, Emergency Management Coordinator, Orange, TX

F4 Utilities WS

Mutual Assistance – Responding to the Aid of Others

Wednesday, March 28, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Highland A

Utilities as a practice depend on mutual assistance from industry peers when they are impacted by major weather events such as hurricanes. Many have mutual assistance agreements in place, and share information such as safety and training in advance of requesting assistance. Many industry groups support mutual assistance through workgroups or by serving as coordination hubs. Having common issues understood in advance can enable a host company to receive assistance quicker, and can maximize the operations assignment. By having issues such as pay practices, invoicing, record-keeping, and equipment needs worked out in advance, mobilization and response are more efficient and timely.

Speaker:

Tim Kuruce, Vice President of Operations, Duquesne Light Company, Pittsburgh, PA

H4 Public Education/Media WS

Reaching Out: Social Vulnerability in Emergency Public Information

Wednesday, March 28, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Eola A

Traditional outreach tools can reach a large number of residents when a disaster happens. But what about those populations, which due to age, disability, economic status or language barriers can't get the information through these means? Learn how agencies are reaching out to the most vulnerable to get the right information to them in a timely and effective manner.

Moderator/Speaker:

Tom Iovino, Communications Specialist, Pinellas County Dept. of Communications, Clearwater, FL

Speakers:

"Building Disaster Resilient Communities for All Residents"

Paul Latham, FPEM, CHS, Emergency Manager, University of South Florida, Tampa, FL

"Knowing the Community You Serve"

Cherie Boyce, MPA, Emergency Management Specialist, Orange County Emergency Management, Winter Park, FL

"Overcoming Challenges of Emergency Communication with Disabled Residents"

Dr. Helen Mitchell, Ph.D., Executive Director, Center for Advanced Communications Policy, Georgia Institute of Technology, Atlanta, GA

I4 Response WS

How Many Resources Do You Really Need?

Wednesday, March 28, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Eola B

With a storm approaching, it is critical that you get resources in place prior to impact so that they can quickly respond following the storm. How many resources and what kind of resources do you need? Can the push from the state and federal government be too much? At what point does the burden of supporting responding resources become overwhelming? What impact did local, state and federal budgets play in activating/deploying resources this hurricane season? With so many active disasters ongoing at the same time – fires, tornados, flooding and hurricanes – resource management was essential. How can we better manage our resources?

Moderator:

R. Chip Patterson, Director, Coxwell Disaster Recovery Services, Jacksonville, FL

Speakers:

Don Wilson, Logistics Chief, Mississippi Emergency Management, Pearl, MS

Chuck Hagan, Chief, Logistics, Florida Division of Emergency Management, Tallahassee, FL

Kertz Hare, Logistics Chief, FEMA, Region IV, Atlanta, GA

Gordon "Buzz" Hackett, Director, Logistics Plans and Exercises Division, Logistics Management Directorate, FEMA HQ, Washington, DC

Concurrent Sessions - Thursday, March 29, 2012

8:30 am to 10:00 am

A1 Healthcare/Accessibility and Functional Needs WS

Hurricane and Tropical Storm Preparedness for Inland Healthcare Facilities

Thursday, March 29, 2012

Time: 8:30 am to 10:00 am

Location: Lake Concord A

This session will provide updates on the following initiatives: Resource typing definitions give emergency responders consistent information needed to make sure they receive the appropriate resources requested during an emergency or disaster. Ordering resources that have been typed using common definitions makes the resource request and dispatch process more accurate and efficient. The National Integration Center (NIC) has developed and published over 120 resource typing definitions. The NIC is continuing resource typing efforts and has established new working groups for the ongoing initiative. Additionally, working closely with state, tribal, and local partners the NIC developed the NIMS Guideline for the Credentialing of Personnel. The Guideline outlines processes for providing uniform credentials to authorized personnel who respond to and access disaster scenes – enabling responders to spend less time processing personnel and more time responding to the incident.

Speaker:

Dalton Sawyer, Director, Emergency Preparedness and Continuity Planning, The University of NC Health Care System, Chapel Hill, NC

B1 Engineering: Buildings and Structures WS

Hurricane Resistant Design and Construction – Superior Construction

Thursday, March 29, 2012

Time: 8:30 am to 10:00 am

Location: Lake Concord B

A collection of three presentations that deal with guidance for building hurricane resistant structures.

Moderator:

Vasso Koumoudis, CFM, Senior Civil Engineer, URS Corporation, Linthicum, MD

Speakers:

“Update to FEMA’s Coastal Construction Manual”

John “Bud” Plisich, Civil Engineer, FEMA Region IV, Atlanta, GA; and Glenn Overcash, P.E., URS Corporation, Germantown, MD

“Design and Construction of Office Building to Withstand 185 mph and Cat 5 Storms”

Reese McCauley, Executive VP, Construction Division, Procacci Development Corporation, Boca Raton, FL

“Disaster-Resistant Design and Construction in American Samoa”

Rich Opem, P.E., Principal Engineer, CDM Smith, Oakton, VA

C1 Mitigation WS

Development and Applications of the FEMA Region IV Coastal Flood Loss Atlas

Thursday, March 29, 2012

Time: 8:30 am to 10:00 am

Location: Lake Hart A

The FEMA Region IV office in Atlanta developed a Coastal Flood Loss Atlas (CFLA) over recent years in an effort to improve hurricane storm surge risk and vulnerability assessments for mitigation planning, response and recovery operations support, and long-term analyses of disaster data, GIS methodologies, and model performance. This study developed methodologies to use SLOSH model analyses to establish maximum potential storm surge depths by Saffir-Simpson hurricane category (MOM), which are incorporated into the HAZUS Coastal Flood Model to establish a baseline reference for hurricane surge losses. A case study of observed versus modeled surge and loss estimates for Hurricane Katrina in Mississippi is reviewed, and sensitivity analyses on low and high resolution raster data provide a basis for the ongoing national CFLA project. The methodologies developed in this study are currently used for real-time hurricane surge and tsunami hazard loss analyses in national and international applications.

Moderator:

Leroy Thompson, Witt and Associates

Speaker:

Herbert E. "Gene" Longenecker, III, MT-Risk Analysis Branch, FEMA Region IV, Atlanta, GA

D1 Business, Industry & Economic Stabilization WS

Public-Private Partnerships Respond to the Call

Thursday, March 29, 2012

Time: 8:30 am to 10:00 am

Location: Lake Hart B

Public-Private Partnerships are providing force multipliers, disaster assistance expertise and vital new resources to communities and states dealing with disaster. PPP leaders will share their first-hand experiences and how they answered the call following hurricanes, tornadoes, ice storms and other events that contributed to the costliest year for natural disasters around the world. These speakers will share how strategy turned to tactics and how their partnerships were tested and overcame challenges that came in the time of crisis.

Moderator:

Mickie Valente, Valente Strategic Advisers, St. Petersburg, FL

Speakers:

["FEMA Partners with the Private Sector During 2011's Major Disasters"](#)

Jeanie Moore, Sr. Advisor, Private Sector Division, FEMA, Washington, DC

["New Jersey Business Force Supports Response to Hurricane Irene"](#)

Col (ret) Henry L. Straub, Executive Director, New Jersey Business Force-BEOC Alliance, Newark, NJ

["Dream to Reality: How Planning, Partnership and Collaboration Built a Community Center"](#)

Jeff Kelley, Emergency Management Coordinator, Orange, TX

E1 Recovery WS

Automated Debris Management System – Using Technology to Manage Debris Operations

Thursday, March 29, 2012

Time: 8:30 am to 10:00 am

Location: Lake Lucerne

This workshop will provide participants with an overview of the debris management mission and will discuss the use of state-of-the-art technology to improve the debris removal and disposal process. USACE contractors have now deployed a tool known as the Automated Debris Management System (ADMS) that can monitor debris operations and process data faster than ever. By implementing ADMS into the overall debris mission, USACE has been able to significantly cut back on the number of personnel required to deploy to disasters, and eliminates the need for data input and accelerates the reconciliation of bills for auditing purposes.

Moderator:

Mark Clark, Disaster Program Manager, USACE, Washington, DC

Speakers:

“The Application of Automated Debris Management Systems, Experiences and Advice”

Allen Morse, Phillips and Jordan, Inc., Mobile, AL

“Tool for Rapid Prediction of Hurricane Damage Probability and Debris Generation”

William H. Cooke, III, Ph.D., Associate Director for Geospatial Technologies, MSU, Geosystems Research Institute, Mississippi State, MS

F1 Response WS

Disaster Response in Lean Times

Thursday, March 29, 2012

Time: 8:30 am to 10:00 am

Location: Lake Highland A

Faced with the tremendous budget limitations and hurting economy, how do local governments come together and work together knowing we may be one disaster away from a financial meltdown? Disasters know no boundaries – should local governments? Some ideas for working together and taking care of each other to try to minimize the financial hardships facing local governments. A discussion of best practices will include strategies, resources and emerging trends to assist the local agencies.

Moderator:

Randall S. Webster, Director, Horry County Emergency Management, Conway, SC

Speakers:

[JoAnn Smith](#), Director, Carteret County Emergency Management, Beaufort, NC

[Elaine Wathen](#), Assistant Director, NC Division of Emergency Management, Raleigh, NC

Don Wilson, Logistics Chief, Mississippi Emergency Management Agency, Pearl, MS

G1 Mass Care WS

Using EMAC to Augment Mass Care Capability

Thursday, March 29, 2012

Time: 8:30 am to 10:00 am

Location: Lake Highland B

When a state or locality faces large feeding and sheltering operations like those caused by Hurricane Irene, mass care coordination becomes a critical capability requiring additional resources. The Emergency Management Assistance Compact (EMAC) can help jurisdictions by providing trained emergency managers from another state. Peter Newman, the Assistance State Mass Care Coordinator for Florida deployed to Mississippi during Katrina, and Michael Whitehead, Florida's State Mass Care Coordinator, deployed to New Jersey. Both recount their experiences deploying to another state, and tell the other side of the story, of how they benefited in prior operations when people deployed to their disaster to offer assistance.

Speakers:

Peter P. Newman, Alternate Emergency Coordination Officer, Florida DBPR, Tallahassee, FL
Michael Whitehead, State Mass care Coordinator, FL DBPR, Tallahassee, FL

H1 Public Education/Media WS

Communicating Flood Risks: Hurricane Season and Beyond

Thursday, March 29, 2012

Time: 8:30 am to 10:00 am

Location: Lake Eola A

Although flooding is the most expensive disaster, only 44% of Americans have flood insurance. This workshop will discuss communication strategies used by the National Flood Insurance Program's FloodSmart campaign to communicate flood risk before, during and after hurricane season. New tools and resources will also be presented that can be used by local officials to alert their constituents to the flood risks associated with hurricanes.

Moderator:

Trenise Lyons, Project Manager, Federal Alliance for Safe Homes – FLASH, Inc., Tallahassee, FL

Speakers:

Jim Cowen, Senior Vice President, Ogilvy Public Relations, Washington, DC
Jeanne Salvatore, Senior Vice President, Public Affairs, Insurance Information Institute, New York, NY
Greig Powers, External Affairs, FEMA Region IV, Atlanta, GA

I1 Meteorology/Hydrology WS

Hurricane Irene Forecasts

Thursday, March 29, 2012

Time: 8:30 am to 10:00 am

Location: Lake Eola B

This session will discuss National Hurricane Center track and intensity forecasts for Hurricane Irene that affected the east coast of the United States in 2011. NHC hurricane forecasters will talk about the accuracy of the track forecasts and difficulties in predicting intensity for this hurricane. The session will conclude with a discussion on NHC's use of new track and intensity guidance from the Hurricane Forecast Improvement Project during the 2011 season. Promising results from these new forecast models will be shown.

Moderator:

Daniel Brown, Warning Coordination Meteorologist, National Hurricane Center, Miami, FL

Speakers:

"Track Forecasts: Can We Expect that Level of Accuracy all the Time?"

John Cangialosi, Hurricane Specialist, National Hurricane Center, Miami, FL

"Intensity Forecasts: Hyped or Not?"

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

"Hurricane Forecast Improvement Project (HFIP) Track and Intensity Guidance: What the Future May Hold"

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

J1 Evacuation Planning WS

Evacuation in Hurricane Irene

Thursday, March 29, 2012

Time: 8:30 am to 10:00 am

Location: Lake Mizell A

Irene prompted evacuation in a number of locations that haven't had significant evacuations in a number of years, including parts of New York City. There were interesting issues relating to the forecast uncertainty, operations, and public response. We will invite local or state officials to describe preparations, decision making, and outcomes of their evacuations, with an emphasis on lessons learned.

Moderator:

Mike Schuster, USACE Baltimore District, Baltimore, MD

Speakers:

Diane Curtis, E Branch Manager, Division of Emergency Management, Kinston, NC

Joe Theobald, Director of Emergency Services, Town of Ocean City, Ocean City, MD

Lt. Kevin Fowler, Emergency Response Bureau, North Region, New Jersey State Police, Fairfield, NJ

Kelly R. McKinney, PE, Deputy Commissioner, Preparedness, NYC Office of Emergency Management, Brooklyn, NY

Robert F. Kenny, Jr., Emergency Management Area Coordinator, Connecticut Department of Emergency Services and Public Protection, Bridgeport, CT

K1 Fire/EMS WS

Dare County, NC Response to Hurricane Irene – An Emergency Services Perspective

Thursday, March 29, 2012

Time: 8:30 am to 10:00 am

Location: Lake Mizell B

This workshop features the unique problems that Emergency Services personnel encountered during one of the most devastating storms to hit the Dare County Outer Banks. This session will detail how the sound and ocean water cut the County into three parts and how a new emergency communications system initiative provided a positive outcome during the event. The ongoing effects from damage recovery to the County and its municipalities are documented through a dramatic slide presentation.

Moderator:

TBD

Speakers:

Chief Douglas A. Remaley, Dare County Fire Marshal, Manteo, NC

Kevin Brinkley, Chief of Police, Town of Nags Head, NC

L1-L4 Fire/EMS TS

Logistics Management in Disasters – Part 2

Thursday, March 29, 2012

Time: 8:30 am to 5:00 pm

Location: Florida 1-3

This is an entry to mid-level logistics management course that will familiarize students with the various aspects of disaster logistics. Logistics is the foundation in a disaster, and will mean the success or failure of an operation. An emphasis will be placed on pre-identified push packages for US&R, LE, Mass Care and other missions that are established and/or contracted for pre-event. Core elements of the course include development of a unified logistics program across all levels of government, agencies, associations and organizations, as well as building self-sufficiency, and utilization of the Logistics Capability Assessment Tool (LCAT). Modules include logistics planning, training, forecast modeling, supply chain management, determining shortfalls, establishing essential resources, conventional and contingency contracting, purchasing, logistics management systems and Time Phased Force and Deployment Lists (TPFDDL), resource types and tracking of resources. There will be discussions on the first 72-hours of an event and the balance of pre-positioning resources and strategic outsourcing. Activation level topics include establishing and managing state and county Mobilization Areas, Logistics Staging Areas, County Points of Distribution, Forward Operating Bases, air, rail and sealift support for logistics operations, Emergency Worker Base Camps, and Catastrophic Client Shelter Complexes.

Instructors:

Chuck Hagan, State Logistics Chief, Florida Division of Emergency Management, Tallahassee, FL

Connie Nunn, Deputy Logistics Chief, Florida Division of Emergency Management, Tallahassee, FL

Concurrent Sessions - Thursday, March 29, 2012

10:30 am to 12:00 pm

**A2 Healthcare/Accessibility & Functional Needs WS
Disaster Sheltering - Planning and Preparedness**

Thursday, March 29, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Concord A

Disaster sheltering is an essential tool in the emergency management toolbox and preparedness means knowing how to immediately and effectively open, operate, and close shelters. Jurisdictions must provide evacuees housed in shelters need more than just food and cots; we must also identify and provide support services for the full spectrum of resident needs, from accommodating all access and functional needs to providing child care and crises counseling. This region has been developing sheltering operational plans. We will present the work experiences of NY and NJ in this session. As a case study NY spent the past six years building the Coastal Storm Shelter Plan, one of the most comprehensive and operational plans in the nation. This plan was activated for the first time in response to Hurricane Irene, where more than 5,000 city employees were mobilized to run 65 Evacuation Centers, 82 Hurricane Shelters, and 8 Special Medical Needs Shelters, sheltering approximately 10,000 evacuees and their pets.

In this workshop, participants will learn about the development of New York City's Coastal Storm Shelter Plan and NJ Sheltering operations, their activation during Hurricane Irene and lessons learned.

Moderator:

TBD

Speakers:

Dina Maniotis, Assistant Commissioner of Preparedness, NYC Office of Emergency Management, Brooklyn, NY

Lt. Kevin Fowler, Emergency Response Bureau, North Region, NJ State Police, Fairfield, NJ

Mordechai Goldfeder, Senior Health & Medical Planner, NYC Office of Emergency Management, Brooklyn, NY

**B2 Engineering: Buildings and Structures WS
Surge and Flood Protection**

Thursday, March 29, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Concord B

A collection of three presentations that deal with surge and flood issues.

Moderator:

Tim Reinhold, Ph.D., P.E., Sr. VP for Research, Chief Engineer, Insurance Institute for Business & Home Safety, Tampa, FL

Speakers:

“Goodnight Irene? Protecting Manhattan from a Category 3 Hurricane Storm Surge”

Larry Murphy, P.E., Transportation Market Leader, CDM Smith, New York, NY

“If You Try to Build This Project We WILL Sue You!”

Timothy Connell, Project Manager, GIWW West Closure Complex, USACE, New Orleans, LA

“Higher Standards: When Paying a Little More Costs a Lot Less”

Eric Kenney, P.E., Environmental Engineer, CDM Smith, Chantilly, VA

C2 Mitigation WS

Improvements in Construction and Mitigation Standards – Reducing Risk and Improving Structure Survivability

Thursday, March 29, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Hart A

FEMA Building Science has been conducting post-hurricane investigations for over 20 years, leading to the development of 11 publicly available hurricane Mitigation Assessment Team (MAT) reports. Hurricane Andrew taught valuable lessons about hurricane wind damage. As evidenced in MAT reports, more stringent design practices implemented as a result of Hurricane Andrew performed well during subsequent hurricanes. Based on the observations in MAT reports, FEMA has published hazard mitigation manuals and other best practices documents to help design professionals, state and local officials, and builders mitigate natural hazards. The best practices presented in these publications have been used to develop successful mitigation projects funded through FEMA’s Hazard Mitigation Assistance (HMA) grant programs. This presentation highlights how far we’ve come in hurricane mitigation since Hurricane Andrew, and where we can still improve. It also presents mitigation success stories developed using FEMA guidance and funded through FEMA HMA grants.

Moderator:

Leroy Thompson, Mitigation Specialist, Witt and Associates, Baton Rouge, LA

Speakers:

“Lessons Learned Since Hurricane Andrew – A 20th Anniversary Retrospective”

John Ingargiola, EI, CFM, CBO, Senior Engineer, FEMA, Washington, DC; and Erin Ashley, Ph.D., LEED, AP, Principal Engineer, URS Corporation, Linthicum, MD

[“Comprehensive Hazard Mitigation at the Munster WWP following Hurricane Katrina, St. Bernard Parish, Louisiana”](#)

Chris Munson, CDM Smith, New Orleans, LA; and Adam Faschan, Senior Project Engineer, CDM Smith

D2 Business, Industry & Economic Stabilization WS

Finding Common Ground: Aligning Business Contingency and Emergency Management

Thursday, March 29, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Hart B

During planning, preparation, response and recovery, the private sector brings enormous resources to the incident management arena. Employing NIMS guidelines, private sector EOC operations, Strike Teams and Task Forces, and Corporate Emergency Management Plans directly supports Emergency Management response and enhances business continuity and community resiliency. The speakers will share the details of their corporate plans and explain how they align those plans with emergency management guidelines.

Moderator:

John Cherry, Private Sector Coordinator, Florida Division of Emergency Management, Tallahassee, FL

Speakers:

[Todd T. Biebel](#), Manager of Business Continuity/Disaster Recovery, Verizon Wireless, Basking Ridge, NJ
Bowman Olds, Emergency Operations Manager, Science Applications International Corporation, McLean, VA

Tim Shipman, Director of Corporate Investigations and Crisis Management, Food Lion/Delhaize America, LLC, Salisbury, NC

E2 Recovery WS

The Salvation Army's EnviRenew Program: Lessons for Long-Term Recovery and Resiliency

Thursday, March 29, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Lucerne

Following the disaster response to Hurricane Katrina and 45 months of funding the rebuilding effort, The Salvation Army acknowledged a critical need for more innovative solutions to the long-term recovery of New Orleans neighborhoods and households. Through the EnviRenew program, The Salvation Army embarked on a radically different approach to long-term community recovery. As a private capital fund drawing on national and global expertise, EnviRenew advocated for a comprehensive energy-efficient building standard to deliver long-term affordability and improve the quality of life for households. Using a defined geographic strategy based on the "tipping point" theory, EnviRenew funded households through their local neighborhood organizations, developing the communities' capacity and supporting households' long-term recovery. By funding five different neighborhoods simultaneously in New Orleans, EnviRenew provided a unique perspective to aggregate long-term recovery efforts after a hurricane-induced disaster.

Speaker:

Lindsay Jonker, Director, EnviRenew, The Salvation Army, New Orleans, LA

F2 Response WS**Law Enforcement Changing Roles in Disaster Response****Thursday, March 29, 2012****Time: 10:30 am to 12:00 pm****Location: Lake Highland A**

Law enforcement plays an essential role in responding to disasters. Research and shared experiences on lessons learned from past hurricane responses demonstrate areas of focus for law enforcement. This session will provide an open forum to discuss prior challenges and review proactive strategies focused on addressing challenges in operational command and control in coordination of response efforts; the critical role of redundant and interoperable communications systems; the benefits of mutual aids; methods to ensure the availability of appropriate equipment and personnel; and the need for increased psychological and medical care. In addition, the presenters will provide templates for developing disaster plans and tools for increasing targeting training and exercises. A discussion of best practices will include strategies, resources and emerging trends to enhance the mission of saving lives, safeguarding property and maintaining public order during a hurricane response.

Moderator:

Rupert Lacy, MCEM, Director, Harrison County Emergency Management, Gulfport, MS

Speakers:

Deputy Mike Danner, Maricopa County Sheriff's Department, Phoenix, AZ

Dr. Katie McCarthy-Barnett, DHS/FEMA, Boston, MA

G2 Mass Care WS

Emergency Planning for Household Pets and Service Animals: Providing Rescue, Care, Shelter and Essential Needs – Is Your Community Ready?

Thursday, March 29, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Highland B

Some people are more concerned for their animals in disasters than they are for themselves. Concern for their pets may affect their ability to make prudent decisions about their own safety and that of rescue workers. The new paradigm is to view the issues related to providing options for evacuation and sheltering of household pets is that it is a people safety issue, not an animal safety issue. This presentation will provide an introduction to the effect animals have on our society; the human-animal bond; a historic perspective of disasters involving pets, applicable laws, regulations, and policies; background on service animals; and some pet-related considerations for each phase of the emergency management process: preparedness, response, recovery, and mitigation.

Moderator:

Dick Green, Director, Disaster Ops, ASPCA, Yarmouth Port, MA

Speakers:

“The Federal Legislative & Policy Perspective / Potential Reimbursement for Operations”

Mark Tinsman, Mass Care Program Specialist, FEMA, New Castle, DE

“Federal Response/Recovery Support & the Broader Animal Response Perspective”

Ann McCann, National Emergency Programs Coordinator, USDA/APHIS/Animal Care, Riverdale, MD

“The Role of Animal Control/Welfare Organizations and Private Sector Engagement”

Debrah Schnackenberg, Sr VP, Emergency Services Program, American Humane Association, Franktown, CO

H2 Public Education/Media WS
The Great Hurricane Blowout Year Three!

Thursday, March 29, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Eola A

Overview of Edutainment and Grassroots Approach to Hurricane Season Preparedness

2010 saw the launch of the Great Hurricane Blowout, a first of its kind awareness campaign using social media tools and fun engaging activities to encourage families to be proactive about their hurricane preparedness. Find out what new tools have been created for local officials to bring the Blowout to your town!

Moderator:

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

Speakers:

Trenise Lyons, Project Manager, Federal Alliance for Safe Homes, Inc. – FLASH, Tallahassee, FL

Forrest Masters, Ph.D., P.E., Assistant Professor, UF Department of Civil and Coastal Engineering, Gainesville, FL

Greg Webster, Ph.D., Assistant Professor, UF Department of Psychology, Gainesville, FL

Melanie Tydrich, Senior Channel Manager, Residential Products, Kohler Power Systems, Kohler, WI

James McGowan, National Voluntary Organizations Active in Disaster, Arlington, VA

I2 Meteorology/Hydrology WS

Hurricane Irene Impacts

Thursday, March 29, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Eola B

This session will talk about flooding, storm surge, and wind impacts from Hurricane Irene along the east coast of the United States. A comparison between Irene and past east coast tropical cyclones will also be presented.

Moderator:

James Franklin, Branch Chief, National Hurricane Center, Miami, FL

Speakers:

“Wind & Surge: Did it Live Up to the Forecasts?”

John Cangialosi, Hurricane Specialist and Jamie Rhome, Storm Surge Team Lead, National Hurricane Center, Miami, FL

“Rainfall & Flooding: Was the Threat Clearly Conveyed?”

Bill Read, Director, National Hurricane Center, Miami, FL

“Hydrological Forecast Challenges in the Northeast: Irene, Lee and the Wet Summer”

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

J2 Evacuation Planning WS

New Tactics and Tools for Communicating Evacuation Information to the Public

Thursday, March 29, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Mizell A

Evacuations are severely compromised by a lack of awareness on the part of the public of who needs to evacuate and who doesn't. This is a function of not knowing one's evacuation zone and of failing to "hear" evacuation notices. This session will present relatively new efforts to remedy those challenges.

Moderator:

Jay Baker, Department of Geography, Florida State University, Tallahassee, FL

Speakers:

"A Smart Phone App for Dissemination of Hurricane Evacuation Information"

John D. Wilson, Director, Lee County Public Safety, Fort Myers, FL

"Color-Coded Road Signage for Identifying Hurricane Evacuation Zones"

Wayne P. Sallade, Director, Charlotte County Office of Emergency Management, Punta Gorda, FL

"A Web-Based Tool for Homeowner Assessment of Wind and Flood Vulnerability in Hurricanes"

Birnur Guven, Research Scientist, Houston Advanced Research Center (HARC), The Woodlands, TX

K2 Fire/EMS WS

The International Disaster Charter – Providing Imagery and Data for Responders in Disasters

Thursday, March 29, 2012

Time: 10:30 am to 12:00 pm

Location: Lake Mizell B

The use of archival and current imagery in the aftermath of a disaster can have an important impact on the effectiveness of search and rescue teams. While simple aerial photography is primarily used, often overlooked is data obtained from remote sensing platforms. Remote sensing is defined as a science of gathering data on an object with radar or infrared photography usually from aircraft or a satellite. This is a key data set for hurricanes and the subsequent flooding in that a trained professional can take archival radar imagery and quickly create a map of areas that are now under water but before weren't. Additionally, many platforms can penetrate still thick cloud cover of which aerial photography cannot. In an ideal situation, areas that are commonly affected by hurricanes would have archival remote sensing imagery on hand plus the ability to easily obtain the new data products after a storm has passed. Due to limited availability of these imagery warehouses, the cost of obtaining and storing the data and the lack of trained professionals who can process the data into a mapping product this is not the norm across the United States. The International Disaster Charter is a means of obtaining the data while the training and access to a network of remote sensing scientists comes courtesy of the United States Geological Survey who is this country's authorized user. The aim of this panel is to offer the search and rescue audience an overview of what the charter is, how it can provide useful data and training plus presentation(s) on actual activations and lessons learned for expanding the use of this technology.

Speaker:

Brenda K. Jones, Disaster Response Coordinator, USGS EROS Center, Sioux Falls, SD

Sandi Stroud, GIS Coordinator, Baltimore Metropolitan Council, Baltimore, MD

Concurrent Sessions - Thursday, March 29, 2012

1:30 pm to 3:00 pm

**A3 Healthcare/Accessibility & Functional Needs WS
An Inclusive Emergency Response to 2011 Alabama Tornadoes**

Thursday, March 29, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Concord A

The Alabama tornadoes were the first large-scale disaster since the release of the Functional Needs Support Services (FNSS) Guidance, and provided an opportunity to implement and evaluate FNSS in a real world response and recovery for individuals with disabilities. Within two days of the devastating spring tornadoes, The Alabama Interagency Emergency Response Coordinating Committee (AIERCC) was formed. Representatives of the American Red Cross and FEMA joined daily conference calls. Committee members effectively communicated needs of residents of local communities and shared recovery resources. The Committee solicited contact information about individuals with disabilities and chronic illness in need of immediate assistance, particularly those who could not travel to designated shelters and relief sites. A Sheltering Team integrated new and existing partners as well as other specialized community leaders in FNSS planning to accommodate individuals with access and functional needs in general population shelters. Pre-event planning and creative modifications allowed for integration versus isolation in specialized shelters. The team worked directly with people with functional and access needs within the shelters, ensuring they had a voice in determining that the information and services they received were appropriate. Alabama's FNSS response and recovery methodologies were modeled in the Joplin, Missouri tornado response. The collaborations that took place both before and during these events between state, federal and other non-governmental, faith-based and voluntary agency partners greatly enhanced the delivery of services to individuals with disabilities and the elderly.

Moderator:

TBD

Speakers:

Dr. Brian F. Geiger, Professor, University of Alabama at Birmingham, Birmingham, AL

Dr. Kate McCarthy-Barnett, Federal Emergency Management Agency, Boston, MA

Graham Sisson, Director, Alabama Governor's Office on Disability, Montgomery, AL

Dr. Gary Edwards, United Cerebral Palsy of Greater Birmingham, Birmingham, AL

B3 Engineering: Buildings and Structures WS
Trends and Best Practices for Design and Construction of Essential Facilities

Thursday, March 29, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Concord B

A collection of three presentations that deal with guidance for design and construction of essential facilities.

Moderator:

Tom Reynolds, P.E., Project Manager, URS Corporation, Germantown, MD

Speakers:

“Current Trends in Mitigation of Essential Facilities”

Jeff Robinson, CEO, Hurricane Protection Industries, LLC, Miramar, FL

“Electrical Systems for Critical Facilities”

Greg Wilson, CFM, Building Sciences Program Specialist, FEMA, Washington, DC; and Dave Low, P.E., President DK Low & Associates, LLC, Rockville, VA

“Best Practices for the Design of Building Envelopes for New and Existing Critical Facilities and Commercial Buildings”

John “Bud” Plisich, Civil Engineer, FEMA Region IV, Atlanta, GA; and Tom Smith, AIA, RCI, President, TlSmith Consulting, Inc., Rockton, IL

C3 Mitigation WS

Are You Taking Advantage of 406 Mitigation Funds?

Thursday, March 29, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Hart A

The FEMA Recovery Policy 9526.1: Hazard Mitigation Funding under Section 406 (Stafford Act), March 30, 2010, provides opportunities for communities to receive eligible mitigation funding as a result of a presidentially-declared disaster. This presentation aims to demonstrate what types of facility improvements are eligible for funding, how those projects are shown to be cost-effective, including a Benefit-Cost Analysis (BCA), and defines the difference between 406 and 404 Hazard Mitigation eligibility. Understanding the nuances of the policy may make the difference in a project being shown as cost-effective and being funded and a project being rejected. The presentation will also explain the benefits of using FEMA’s BCA software and how it compares to BCA tools often used in the field following disasters. The target audience for this presentation includes applicants and sub-applicants as well as those involved in reviewing mitigation grants.

Moderator:

J Slade Dingman, Associate, CDM Smith, Denver, CO

Speakers:

Sherry Crouch, P.E., CDM Smith, Arlington, VA

Jonathan Hoyes, Vice President, ATCS PLC, Dulles, VA

D3 Business, Industry & Economic Stabilization WS
The Road to Disaster Resiliency: Building a Roadmap to Stay on Track

Thursday, March 29, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Hart B

Throughout the country, the public and private sectors are evolving their focus from disaster response and recovery to disaster resiliency. How do you measure resiliency? This workshop will explore assessment tools that help assess vulnerabilities and track the characteristics that lead to disaster resiliency at the organizational and community levels. Speakers will share their hands-on experience and offer opportunities for you to employ these benchmarking techniques in your own organization or community.

Moderator:

Mickie Valente, Valente Strategic Advisers, St. Petersburg, FL

Speakers:

"Benchmarking Small Business Resiliency"

Donald Byrne, Senior Fellow, Stephenson Disaster Management Institute, Louisiana State University, Baton Rouge, LA

"The Gulf of Mexico Alliance Community Resiliency Index"

Tracie Sempier, Coastal Storms Outreach Coordinator, MS-AL Sea Grant Consortium, Ocean Springs, MS

E3 Recovery WS

The National Disaster Recovery Framework (NDRF) and Its Implementation

Thursday, March 29, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Lucerne

The National Disaster Recovery Framework (NDRF) was released on September 23, 2011. This was the culmination of a two-year process that brought together recovery partners and stakeholders from federal, state and local governments, non-profits, and the private sector to help shape and develop this important disaster recovery milestone. As a component of the national NDRF roll-out and implementation, the NDRF workshop will introduce participants to the disaster recovery management concepts and constructs established by the Recovery Framework and will outline how it will transform disaster recovery as it is implemented. This workshop will focus on the NDRF's implementation process and future milestones, but will provide participants with a basic overview of the Framework's key concepts and constructs.

Moderator:

Speakers:

Deborah Ingram, Assistant Administrator, FEMA Recovery Directorate, Washington, DC

F3 Response WS

Decision Making Time

Thursday, March 29, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Highland A

Hurricane Irene was a large and powerful storm. It is a holiday weekend in a state where tourism is a \$17 billion industry. Closing the beaches on the Outer Banks will have a major economic impact; while not closing them soon enough could result in major loss of life. For coastal counties in North Carolina to complete protective actions and get resources in place prior to the onset of tropical storm force winds, decisions must be made when the eye of the hurricane is off the coast of Cape Canaveral, Florida. Hear two different perspectives on the protective action decision-making process.

Moderator:

Randall S. Webster, Director, Horry County Emergency Management, Conway, SC

Speakers:

“The Perspective of a New Coordinator”

Justin Gibbs, Director, Hyde County Emergency Management, Swan Quarter, NC

“The Veteran Coordinator”

Joseph Thomas, Director, Sussex County EOC, Georgetown, DE

G3 Mass Care WS

Irene and Lee – Mid Atlantic Mass Care Impact

Thursday, March 29, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Highland B

A discussion from the viewpoint of state and local officials of the impact, demands, challenges and successes related to Hurricane Irene and Tropical Storm Lee. The discussion will include the effectiveness of pre disaster planning, the unique challenges of major inland flooding as well as coastal impact. Differences in rural and heavily urban populations affected in terms of the hundreds of shelters that were operated as well as feeding and distribution activities.

Speakers:

Robert Schell, Chief of Field Operations, Vermont Emergency Management, Waterbury, VT

[Pam Spring](#), Director, Emergency Operations, Maryland Emergency Management, Baltimore, MD

Kelly R. McKinney, Deputy Commissioner, NYC Office of Emergency Management, Brooklyn, NY

**H3-H4 Public Education/Media TS
Community Relations and the New FEMA AIR Mission**

Thursday, March 29, 2012

Time: 1:30 pm to 5:00 pm

Location: Lake Eola A

This session will provide an overview of ESF 15, the federal external affairs framework activated during a coordinated response with other federal, state and local partners. In addition, an overview of new aspects of ESF 15 broadening external affairs, engaging the private sector, integrating disabilities and functional needs and the new FEMA AIR mission will be shared.

Instructors:

Mary Hudak, External Affairs Officer, FEMA Region IV, Atlanta, GA

TBD

I3 Meteorology/Hydrology WS

Columbus Day Weekend Storm: What was It and How was It Handled by the NWS and NHC?

Thursday, March 29, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Eola B

This session will discuss the Columbus Day weekend storm that affected Florida and the southeastern United States. This storm did not easily fit into one of the meteorological classifications developed by meteorologists; instead it had characteristics of both tropical and non-tropical weather systems. In this workshop, NHC will discuss operational considerations, the post-storm analysis, and final classification of the system. NWS WFO products and services during the event and impacts in Florida will also be highlighted.

Moderator:

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

Speakers:

[“The Spectrum of Cyclones: Tropical, Subtropical or Extra tropical?”](#)

Dr. Chris Landsea, Science Operations Officer, National Hurricane Center, Miami, FL

“NWS Weather Forecast Office Products and Services During the Event”

Matthew Volkmer, Meteorologist, National Weather Service, Melbourne, FL

“NHC Operational Considerations”

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

J3 Evacuation Planning WS
The New Realities of Hurricane Evacuations

Thursday, March 29, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Mizell A

Better data about inundation potential, larger numbers of people, and changing population attributes are causing emergency management professionals to re-think their approaches to evacuation, with respect to timing, sheltering, communicating, and deciding who needs to leave. Speakers will provide a variety of perspectives on the problems.

Moderator:

David Griffith, Manager, National Hurricane Program, FEMA HQ, Washington, DC

Speakers:

“The Disaster of Mass Evacuations”

Brock Long, VP, State and Local Business, Hagerty Consulting, Newton, NC

“Changing the Model for Hurricane Evacuation Decision Making”

Celeste Fournier, EM Coordinator, Lee County Emergency Management, Fort Myers, FL

“The Top Ten Hurricane Evacuation Problem Areas in the U.S.”

Don Lewis, Atkins North America, Tallahassee, FL

“Special Evacuation Challenges in the Florida Keys”

Dr. Brian Wolshon, Department of Civil and Environmental Engineering, Louisiana State University, Baton Rouge, LA

K3 Fire/EMS WS

MA 401: Mission Ready Packages for Public Safety

Thursday, March 29, 2012

Time: 1:30 pm to 3:00 pm

Location: Lake Mizell B

In 2009, the National Emergency Management Association (NEMA) developed a template for agencies to use for capturing costs associated with activations. This allows agencies to identify a majority of their costs prior to any request for deployment. Once a request is received, the agency can add their travel and any “variables” associated with the deployment. The IAFC has taken this template and developed a course of instruction as it relates to FLSA, back-fill, and other constants in public safety. Students will then have a better understanding of the EMAC process and reduce the reflex time when asked to supply resources.

Speakers:

Bill Bullock, National Mutual Aid Program, International Association of Fire Chiefs, Fairfax, VA

Sean Hughes, Emergency Management Coordinator, North Richland Hills, TX

Julie Secontine, Esq., Risk Management, Oakland County, MI

Concurrent Sessions - Thursday, March 29, 2012

3:30 pm to 5:00 pm

**A4 Healthcare/Accessibility and Functional Needs WS
Unique Needs of Vulnerable Populations During Hurricanes**

Thursday, March 29, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Concord A

Vulnerable populations have long been recognized by disaster planners, policy makers, and response organizations as groups that often require special assistance during hurricanes. However, there are several growing subgroups with unique risk factors and needs that are rarely addressed in hurricane preparedness and response plans. This symposium will present recent research on the hurricane preparedness of four different subgroups of particular concern: homeless people, nursing home residents, Muslims, and people at the end of life. Each presentation will include specific risk factors for adverse outcomes, list key considerations when planning for sheltering or evacuation, identify challenges in conducting outreach, and discuss needed services during the recovery phase. As the demographics of our population continue to change, it is critical that communities, non-profit organizations, government agencies, and policymakers are aware of the needs of these various subgroups and are prepared to assist in providing safe shelter and facilitating their recovery efforts.

Moderator:

Speakers:

Lisa Brown, College of Behavioral and Community Sciences, University of South Florida, Tampa, FL
[Kathryn Frahm, Ph.D.](#), Visiting Research Assistant Professor, School of Aging Studies, USF, Tampa, FL

**B4 Engineering: Buildings and Structures WS
Reducing Losses and Damage Through the Use of Appropriate Materials and Systems**

Thursday, March 29, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Concord B

A collection of three presentations that deal with design and construction of essential facilities.

Moderator:

Adrienne Sheldon, P.E., CFM, Project Manager, URS Corporation, Linthicum, MD

Speakers:

“Building Materials and Assemblies and Contaminated Floodwaters”

John Ingargiola, EI, CFM, CBO, Senior Engineer, FEMA, Washington, DC; and Julia Moline, CFM, Project Engineer, Dewberry, Germantown, MD

“Reducing Hurricane Wind Driven Water Intrusion in Residential Buildings”

Timothy Reinhold, Ph.D., P.E., Sr VP for Research and Chief Engineer, Stephen Quarles, Ph.D. and Anne Cope, Ph.D., P.E., IIBHS, Tampa, FL

“Water Intrusion Research and Recommendations for Water Management”

Forrest Masters, Ph.D., P.E., Assistant Professor, UF Department of Civil and Coastal Engineering, Gainesville, FL

C4 Mitigation WS

Rethinking Mitigation Planning

Thursday, March 29, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Hart A

This presentation will focus on the results of a national study of state and local hazard mitigation plans. The findings of this study are important for advancing our understanding of hazard mitigation planning while also providing specific recommendations for policy makers and practitioners as disaster losses continue to rise even though the Disaster Mitigation Act of 2000 was passed more than ten years ago. This research represents the first national-level study that assesses the quality and variability of the effects of the plans completed since the passage of the DMA. This study, which is in the third year of a six-year time frame, has three objectives: 1) assess the quality of the state and local hazard mitigation plans; 2) examine the factors explaining the variability of the quality of state and local plans; and 3) examine the factors motivating state and local jurisdictions to enact incentives and disincentives and use federal funds to mitigate hazards. A solid foundation of hazard-related information and potential mitigation actions have been consolidated in state mitigation and local plans. However, there is considerable room for improvement in plan development processes, the content of plan elements, and their integration. A clear opportunity exists to draw on information, expertise, and techniques from land use planning practice and exemplary model plan elements from several states. Additionally, a discussion of why mitigation planning is important as well as upcoming changes to mitigation planning and the planning process will be discussed.

Moderator:

Samuel Winningham, DHS/FEMA Mitigation, Tallahassee, FL

Speakers:

Gavin Smith, Department of City and Regional Planning, University of NC, Chapel Hill, NC

Jennifer Burmester, DHS/FEMA Mitigation

D4 Business, Industry and Economic Stabilization/Private Industry RAP

Thursday, March 29, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Hart B

Facilitator:

Mickie Valente, Valente Strategic Advisers, St. Petersburg, FL

E4 Recovery WS

Transitioning to a Local Recovery Operations Center

Thursday, March 29, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Lucerne

Within most emergency management plans, local jurisdictions consider recovery to be an extension of the response operation. Few have modified their organizational structures, established processes and systems to manage the recovery environment, understand how to track information on the long-term recovery environment or relocate to an alternate recovery operations center. As the response phase is complete and the first responders return to their primary missions, the transition to recovery can be confusing and frustrating. While the Comprehensive Emergency Management Plan details response and immediate recovery operations, the recovery plan and/or post disaster redevelopment plan should detail immediate recovery and long-term recovery operations. Similarly, the Recovery Operations Center may provide relief to the Emergency Operations Center ensuring operational readiness if needed. A multitude of communities within the State of Florida are reconsidering how to reorganize the recovery effort to ensure long-term sustainability.

Moderator:

TBD

Speakers:

Helene Wetherington, Director of Emergency Management, Calvin, Giordano & Associates, Ft. Lauderdale, FL

Betti Johnson, Principal Planner, Tampa Bay Regional Planning Council, Pinellas Park, FL

Emily Meyer, Community Assistance Coordinator, Florida Division of Emergency Management, Tallahassee, FL

F4 Response WS

When People Don't Evacuate

Thursday, March 29, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Highland A

Extensive effort and funding has been put into developing evacuation plans to get people out of harm's way. We have invested heavily in evacuation time studies, traffic management planning and host county/state shelter plans. We have purchased mass transportation resources and trained responders to support evacuations. But still there are people who don't evacuate: those who have lived there all their lives and ridden out storms in the past, those who have experienced a storm, and those who simply believe it isn't going to be nearly as bad as the "government" would lead us to believe. How do we handle the calls in the middle of the storm as the water is rising, trees are falling and roads are blocked and they want help? In the aftermath of the storm, when power is out, damage is significant, mosquitoes are swarming and the survivors refuse to leave their homes; what can we offer them? What is their responsibility if they choose to stay?

Moderator:

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

Speakers:

Randall Webster, Director, Horry County Emergency Management, Conway, SC

Gary T. Hargrove, Harrison County Coroner, Gulfport, MS

Dexter Accardo, Director, St. Tammany Parish EMA, Covington, LA

G4 Mass Care WS

A Review of the Functional Needs Supports Services Inclusive Emergency Management Response of 2011. How Did We Do?

Thursday, March 29, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Highland B

It's been a year and a half since the release of FEMA's Guidance on Planning for Integration of Functional Needs Support Services in General Population Shelters. During that time there has been great progress made in inclusive planning for people with access and functional needs in general population shelters. Members of emergency management, non-profit organizations, disability advocates, disability support groups and the private sector are convening at the local level to ensure that requirements for people with access and functional needs are met during times of disaster. This workshop will highlight best practices in addressing the challenges in planning for and providing the integration of functional needs support services from across the country through case studies from disasters in Alabama, Vermont and Joplin, MS. As a participant, you will gain an understanding of how to plan inclusively for access and functional needs in your community.

Speakers:

Katherine Galifianakis, Mass Care Manager, American Red Cross HQ, Washington, DC

Dr. Kate McCarthy-Barnett, Regional Disability Integration Specialist, FEMA Region I, Boston MA

Robert Schell, Chief of Field Operations, Vermont Emergency Management, Waterbury, VT

**I4 Meteorology/Hydrology/Emergency Management RAP
Improving Coordination Between NHC, State and Local Emergency Managers, and the Media**

Thursday, March 29, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Eola B

This session will provide opportunity to discuss common coordination interests between the National Hurricane Center, local and state emergency managers, and the media.

Facilitators:

Daniel Brown, Warning Coordination Meteorologist, National Hurricane Center, Miami, FL

Bill Read, Director, National Hurricane Center, Miami, FL

Jamie Rhome, Storm Surge Specialist, National Hurricane Center, Miami, FL

J4 Evacuation Planning WS

Real-Time Monitoring of Evacuations

Thursday, March 29, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Mizell A

Several approaches have been used to collect information on vehicle movement, public response, and detection of problems during actual evacuations. Some can provide real-time feedback to public safety officials to modify evacuation operations and others provide data to help understand evacuation outcomes. Presenters will describe their real-time data collection efforts and how the information can be used.

Moderator:

Jay Baker, Department of Geography, Florida State University, Tallahassee, FL

Speakers:

“OnStar Call Center Experiences During Hurricane Evacuations”

Mary Ann Adams, Subscriber Crisis Incident Manager, OnStar, Detroit, MI

“Using 511 Information in Hurricane Evacuations”

Mike Wacht, Director of Innovative Solutions, Global-5 Communications, Longwood, FL

“Real-Time Interviews of Households During Hurricanes Earl and Irene”

Jay Baker, Department of Geography, Florida State University, Tallahassee, FL

K4 Fire/EMS WS

Go Teams on the Go!

Thursday, March 29, 2012

Time: 3:30 pm to 5:00 pm

Location: Lake Mizell B

In 2010 with the support of FEMA and the National Integration Center, the IAFC initiated a program that uses tenured, experienced, and trained chief officers as a deployable resource in times of significant events. There are currently 42 members, located throughout the country. These teams can be requested by any local, state, or federal authority on the scene of a disaster. Within the first two years, team members have responded to wildfires, tornadoes, earthquakes, and hurricanes, and have participated in the National Level Exercise and state exercises. The instruction will include the benefits available to emergency authorities and the activation process to request assistance.

Speaker:

Bill Bullock, National Mutual Aid Program, International Assn. of Fire Chiefs, Fairfax, VA