

2021 National Hurricane Conference
Speaker Presentations



**NATIONAL
HURRICANE
CONFERENCE**

June 14 - 17, 2021
Hilton New Orleans Riverside Hotel
New Orleans, LA

**Recovery Training
"Debris Management"****Monday, June 14, 2021****Time: 8:30 am to 5:00 pm****Location: St. Charles Ballroom (3rd Floor)****PANEL #1: 8:30am to 10:00 am**

Calcasieu Parish, DRC and Thompson, will give a 15 minute presentation on each of their expertise. Following the 45 minutes of presentations, we will open a Q & A with the attendees of the conference for the remaining 45 minutes.

Speakers:

Kelly Fontenot, Calcasieu Parish**John Sullivan, DRC****Corey Thomas, Thompson Consulting Services****John Kropog, JAKK Consulting Services*****BREAK*****PANEL #2: 10:30 am to 12:00 pm**

This panel will follow the same format as panel 1.

Speakers:

Jim Richard, GOSHEP Debris**FEMA Debris Specialist****FEMA Procurement Specialist****John Kropog, JAKK Consulting Services*****LUNCH BREAK*****DEBRIS TRAINING**

While we will provide a full overview of Debris Operations and Monitoring, the usual PowerPoint presentation will be consolidated into more concise version that will focus on the following topics:

- 1- Eligibility
- 2- Procurement & Contracting
- 3- Force Account vs Contractor
- 4- Planning
- 5- New Debris Guidance and how it is to be applied

After the presentation we will then reopen the session to the floor to discuss any questions / concerns that attendees may have.

Public Education: COVID-19 Workshop

"Lessons Learned in 2020 - Looking Forward to 2021"

Monday, June 14, 2021

Time: 8:30 am to 10:00am

Location: St. James Ballroom (3rd Floor)

Disasters will come - it is not a matter of "if," but more so "when." 2020 was the year of unprecedented disasters - from COVID-19 to a historical storm season, 2020 solidified the urgency to which hospitals, healthcare facilities and health departments should update and have current, full-proof preparedness plans. Tidal Basin's experts Mark Mischak, former FEMA Deputy Director of the Individual Assistance Division, and Carlos Castillo, former FEMA Assistant Administrator for Recovery and Acting Deputy Administrator for Resilience, are joined by additional special guests to divulge lessons learned from 2020 based on healthcare and public health questions and concerns presented to FEMA, emergency management professionals, and hospital associations. They will also discuss how the industry is continuing to prepare for disasters in 2021 and future years and provide insights into federal relief funds available related to COVID-19 and hurricane response and mitigation efforts.

Moderator:

Mark Mischak, COO, Tidal Basin Group

Speakers:

Carlos Castillo, CEM, Chief Development Officer, Tidal Basin Group

Texas Hospital Association Representative

FEMA Representative

Homeland Security Training

"Conducting Risk Assessments"

Monday, June 14, 2021

Time: 8:30 am to 10:00 am

Location: Churchill AB (2nd Floor)

Risk Assessments are the first critical step in determining the risks that a facility will need to be prepared to address. Risks, probability, and consequences will all be discussed. From this, we will demonstrate how mitigation projects are developed, response plans are formulated and exercised, and recovery teams are prepared. The speaker will walk participants through industry best practices, and discuss case studies that highlight failed risk assessments, and case studies that led to successful assessments.

Moderator:

Anthony Hurley, MEP, CPP®, PCI®, PSP®, CPD, Critical Preparedness LLC

Speaker:

Matthew Dimmick

Accessibility & Functional Needs Training

"Grid-Based Analysis for High-Resolution Population Data, Social Vulnerability Index and Nighttime Lights for Tallahassee, FL"

Monday, June 14, 2021

Time: 8:30 am to 10:00 am

Location: Jefferson Ballroom (3rd Floor)

This Training Session includes how to access 1-km population data from The SARTopo Project, analysis of nighttime lights and vegetation after Hurricane Michael, and a unique GIS visualization of the CDC's Social Vulnerability Index to simplify multiple themes on a single map.

Moderator:

Dr. John Derek Morgan, Professor, University of West Florida, Pensacola, Florida

Speakers:

[Michael Core, FREAC, Florida State University, Tallahassee, Florida](#)

[Dr. John Derek Morgan, Professor, University of West Florida, Pensacola, Florida](#)

[Dr. Georgianna Strode, FREAC, Florida State University, Tallahassee, Florida](#)

Reservation Required

EMI L0956 NIMS ICS All-Hazards Liaison Officer

Monday, June 14, 2021 and Tuesday, June 15, 2021

Time: 8:30 am to 5:00 pm

Location: Salon A (1st Floor)

The **2-day course** goal of this professional development course, E/L 956 All-Hazards Liaison Officer, is to provide federal, state, and local-level emergency responders with an overview of key duties and responsibilities of a Liaison Officer (LOFR) in a Type III Incident Management Team (AHIMT).

This course is intended audiences for this course are federal, state, and local level emergency responders who may be designated as LOFRs on their local, regional, or state Incident Management Team (IMT). The materials were developed with the assumption that audience members may have little or no actual experience as a member of an AHIMT.

The audience may also include students from a variety of agencies and functional disciplines, including but not limited to fire service, law enforcement, emergency management, public works departments, as well as public health organizations, medical emergency teams, and hospitals.

National Incident Management System (NIMS) Incident Command System (ICS) position-specific training should be completed by personnel who are regularly assigned to positions of function, support, or unit leader on an AHIMT, or by those persons who desire to seek qualification for those positions.

Prerequisites: Students will submit copies of their certificates for the following courses when submitting their application:

- IS-100 Introduction to the Incident Command System, ICS 100
- IS-200 Basic Incident Command System for Initial Response, ICS 200
- E/L/G 0300 Intermediate Incident Command System for Expanding Incidents, ICS 300
- E/L/G 0400 Advanced Incident Command System for Complex Incidents, ICS 400
- IS-700 An Introduction to the National Incident Management System
- IS-800 National Response Framework (NRF), An Introduction

Instructors:

Robert L. King, Managing Member, RLKing Training, LLC, Clermont, FL

Nigel S. Baker, Managing Member, NSB Advanced Enterprise, West Palm Beach, FL

Reservation Required

EMI L0202 Debris Management for State, Local and Tribal Officials

Monday, June 14, 2021 and Tuesday, June 15, 2021

Time: 8:30 am to 5:00 pm

Location: Salon B (1st Floor)

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

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

Instructors:

Gregg Varner, NETC EMI Adjunct, DHS FEMA, Tamassee, SC

Mark Rueschmann, Supervisory Emergency Management Specialist (Recovery), FEMA, Ava, MO

Christopher Simone, Program Specialist, FEMA, Washington, DC

Ardean Miller, PA Instructor, FEMA, LaPlace, LA

Martin DeGregory, Training Specialist, FEMA-EMI, Emmitsburg, MD

Reservation Required

EMI L0419 Emergency Assistance Sheltering Field Guide for State and Local Communities Training

Monday, June 14, 2021

Time: 8:30 am to 5:00 pm

Location: Salon C (1st Floor)

This 1-day Mass Care/Emergency Assistance course is designed to train faith-based groups, non-profit organizations, government partners, and private industry in the best practices for shelter operations. Participants will learn how to use the Shelter Field Guide to open, operate and close a shelter, identify the seven different roles involved in sheltering, prepare for shelter operations and be able to explain the resources available to shelters. There will be some time at the end to address questions on the impact of COVID-19 on shelter operations.

The primary audience for this training includes faith-based groups, non-profit organizations, government partners, and private industry that may have responsibility for shelter operations.

Instructors:

Frederick Williams

Garry Sitze

H. Marie Harkenrider, Training Specialist, Emergency Management Institute, Emmitsburg, MD

Reservation Required

EMI L0191 Emergency Operations Center/Incident Command System Interface

Monday, June 14, 2021

Time: 8:30 am to 5:00 pm

Location: Salon D (1st Floor)

The goal of this 1-day professional development course, E/L/G 0191 Emergency Operations Center/Incident Command System Interface, is to enable the students to develop an effective interface between the Incident Command/Unified Command and the Emergency Operations Center by applying National Incident Management System principles.

This course is intended for federal, state, tribal, territorial, local level, private industry, volunteer, and nongovernmental emergency management personnel who are active in a community's ICS and EOC activities.

Instructors:

Russell "Russ" Flick, Training Specialist, FEMA/EMI, Emmitsburg, MD

SabraRenee "Sabra" Arnold, Training Specialist, FEMA EMI, Clarksburg, MD

Public Education: COVID-19 Workshop

"A Look at State and Local Emergency Management Response to the Pandemic"

Monday, June 14, 2021

Time: 10:30 am to 12:00pm

Location: St. James Ballroom (3rd Floor)

This session will highlight the challenges and success stories of how emergency management for state and local governments responded to support health departments with COVID-19 testing and setting up mass vaccination sites. The session will also tie in how planning for the 2021 hurricane season still had to be a priority during a pandemic.

Moderator/Speaker:

Melissa Gordon, Senior Vice President, Chief Strategy Information Officer, Tidal Basin Group

Speakers:

James C. Stallings, Director, Georgia Emergency Management and Homeland Security Agency

Sandra Tapfumaneyi, Director, Emergency Management, Lee County, FL

Jerry Joseph, Public Health Preparedness Director, Florida Department of Health, Lee County, FL
Marissa Shivers, Director, Emergency Management, Glades County, FL

Homeland Security Training
"Workplace Violence"

Monday, June 14, 2021

Time: 10:30 am to 12:00 pm

Location: Churchill AB (2nd Floor)

Workplace Violence and Active shooters have become an all-too-common occurrence in our world. No matter what their motivation is, these unfortunate incidents continue to dominate the headlines. Whether it is at a school, mall, or office building, these bad actors strive to wreak havoc upon their intended targets, will little regard for human life. The speaker, a retired federal agent, has taught active shooter classes throughout the U.S., and internationally. He will share his experiences and describe the most recent issues to consider when faced with this terrible situation.

Moderator:

Anthony Hurley, MEP, CPP®, PCI®, PSP®, CPD, Critical Preparedness LLC

Speaker:

Brad Baker

Accessibility & Functional Needs Workshop

"Ensuring Access for the Deaf and Hard of Hearing Community During a Crisis: The Georgia Model"

Monday, June 14, 2021

Time: 10:30 am to 12:00 pm

Location: Jefferson (3rd Floor)

Learning Objectives - at the end of the session, attendees will:

- understand the legal requirements for equal access to emergency information
- be equipped to explain the unique needs of the D/HH community to civic leaders, stakeholders and decision makers in emergency management
- understand the fundamental difference between ASL and English
- understand the importance of incorporating interpreters throughout all phases of a disaster
- know how to replicate the embedded interpreter model within their respective agencies

Moderator:

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

Speakers:

Lisa Rodriguez-Presley, External Affairs Supervisor, Georgia Emergency Management & Homeland Security Agency

Aaron Shoemaker, Executive Director, All Hands On Georgia

Public Education: COVID-19 Workshop**"Pandemic Housing Assistance: Learning to Navigate a New Kind of Disaster"****Monday, June 14, 2021****Time: 1:30 pm to 3:00pm****Location: St. James Ballroom (3rd Floor)**

Panel discussion covering the various federally funded pandemic housing assistance programs with a focus on the challenges of implementation as we face the start of another hurricane season. Representatives from Florida Department of Children and Families, Florida Housing Coalition, Workforce Group, and Tidal Basin will discuss implementation of the state emergency rental assistance program, challenges and lessons learned from other grantees. The group will also highlight commonalities with the stand up of other traditional disaster housing programs, HUD and FEMA funded, and the major differences and challenges with the Treasury funded Emergency Rental Assistance Program.

Moderator/Speaker:**Bailey DeRouen**, Senior Project Manager, Tidal Basin Group**Speakers:****Michael Williams**, Director of Special Projects, Office of Economic Self-Sufficiency, Department of Children and Families**Gladys Cook**, Technical Advisor/Disaster Resilience and Recovery Director, Florida Housing Coalition**Marston Fowler**, General Counsel, The Workforce Group**Homeland Security Training****"Crime and Terrorism Update"****Monday, June 14, 2021****Time: 1:30 pm to 3:00 pm****Location: Churchill AB (2nd Floor)**

This is our annual Crime and Terrorism update, provided by federal law enforcement.

Moderator:**Anthony Hurley**, MEP, CPP®, PCI®, PSP®, CPD, Critical Preparedness LLC**Speaker:****Accessibility & Functional Needs Training****"Practical Application of ASL Disaster Interpretation: A Practicum for PIOs"****Monday, June 14, 2021****Time: 1:30 pm to 5:00 pm****Location: Jefferson Ballroom (3rd Floor)**

Learning Objectives - at the end of the three hours of "hands on" training, attendees will:

- Understand how to vet an interpreter team/organization
- Understand how to include interpreters in the public communication process
- Learn how to set up and layout a press conference space to ensure full accessibility
- Understand crucial filming considerations for reporters, camera operators and production managers
- COVID specific considerations during press conferences
- Understand the interpreter process for live pressers vs. scripted video
- Know how to produce fully accessible PSAs including video, spoken English and captions using minimal additional equipment
- Principles of photography and postproduction to ensure accessibility

Moderator:

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

Speakers:

Aaron Shoemaker, Executive Director, All Hands On Georgia

Public Education: COVID-19 Workshop
"Being Deliberate About Diversity"

Monday, June 14, 2021

Time: 3:30 pm to 5:00pm

Location: St. James (3rd Floor)

This session will focus on the insights and best practices related to diversity, equity and inclusion before, during and after disasters - especially during the significant events in 2020. A panel of Senior Executives and Thought Leaders will share insights and best practices as it relates to diversity, equity and inclusion within the field of emergency management and in disasters, including during the COVID pandemic. This session will focus on identified gaps in diversity and inclusion in management positions within government; ways we can be deliberate about diversity and overcome these situations; creating a pipeline of emergency management students to enter and be mentored in the profession; reviewing equity and inclusion in disaster response and reviewing the disproportionate effect on communities during COVID-19; and reviewing FEMA's deliberate approach to equity in Vaccine Distribution.

Moderator:

James Joseph, Vice President of Response, Tidal Basin Group

Speaker:

Mary Ann Tierney, Deputy Administrator, DHS/FEMA

Chauncia Willis, CEO & Founder, Institute for Diversity and Inclusion in Emergency Management

Curtis Brown, State Coordinator, Virginia Department of Emergency Management

Peter Edmondson, NOLA Ready

2021 Outlook

"Atlantic Basin Seasonal Hurricane Prediction and Outlook for the 2021 Atlantic Hurricane Season"

Monday, June 14, 2021

Time: 3:30 pm to 5:00 pm

Location: Churchill CD (2nd Floor)

Speaker:

Phil Klotzbach, Atmospheric Scientist, Colorado State University, Fort Collins, CO

Homeland Security Training

"Use of Intelligence to Determine the Threat Landscape"

Monday, June 14, 2021

Time: 3:30 pm to 5:00 pm

Location: Churchill AB (2nd Floor)

Intelligence is used to determine and identify the current threat landscape to various agencies and organizations. It can be critical to the crime prevention initiative, including understanding and communicating potential trends and terrorism threats to local law enforcement. Our speaker will discuss the inner workings of the intelligence community, and how it provided insight to state and local law enforcement agencies.

Moderator:

Anthony Hurley, MEP, CPP®, PCI®, PSP®, CPD, Critical Preparedness LLC

Speaker:

Doug Vitale

CONCURRENT SESSIONS Tuesday, June 15, 2021 8:30 am to 12:00 pm

Recovery Workshop

"Housing Options With the "STEP" Program No Longer Available"

Monday, June 15, 2021

Time: 8:30 am to 10:00 am

Location: St. Charles Ballroom (3rd Floor)

What the STEP Program was and its intent? When and why the program made sense for the residential homeowners of your State, local, or Tribal Government? What can you do now? The benefits and impacts of implementing a housing program.

The FEMA STEP program was intended to save lives, to protect public health and safety, and to protect property. It was also meant to minimize the disruption of the normal functioning of communities by enabling State, local, and Tribal governments to help members of their communities' shelter in their own homes, when safe and appropriate. To reduces the demand for other shelter options and allow individuals to return to or remain in their home after a disaster. We will discuss what we can do now that the "STEP" program is no longer available to state, local, and tribal governments and what can be done to assist your community and accomplish the same ideas.

Moderator:

Teresa Carter, President, T Carter Consulting, LLC

Speakers:

Billy Sullivan, President, SLSCO, Galveston, TX

Nonprofit Workshop

"The Nonprofit Heros Responding to Disasters"

Tuesday, June 15, 2021

Time: 8:30 am to 10:00 am

Location: St. James Ballroom (3rd Floor)

When disasters strike, the nonprofit community plays a vital role in helping communities and survivors of disasters recover. In the first of four sessions, learn more about some of the most recognizable nonprofits responding to disasters today. Nonprofit representatives will provide a "behind the scenes" look at how they deploy to support operations in the field and will discuss how partnerships with the emergency management community support their ability to help those in need.

Moderator:

Greg Padgett, Media Relations and Communications, Tidal Basin Group

Speakers:

Steve Flemming, Senior Associate, Operational Planning, Team Rubicon FEMA Region 4 & 6

Jake Meeks, Planning Manager, Team Rubicon FEMA Region 4 & 6

Evan Whitt, Operations Associate, Team Rubicon FEMA Region 4 & 6

Elizabeth Egle, Chief Development Officer, SBP USA

Chauncia Willis, CEO, IDIEM

Ellis M Stanley, Board of Directors, IDIEM

Vincent B. Davis, CEM, MCP, NEMAA, Director of Disaster Services, Feeding America

Patrick Crawford, Managing Director of Disaster Services, Feeding America

Meteorology Workshop

"Operational Forecast Success and Challenges During the 2020 Hurricane Season"

Tuesday, June 15, 2021

Time: 8:30 am to 10:00 am

Location: Churchill CD (2nd Floor)

The extremely busy 2020 Atlantic hurricane season provided several track and intensity forecast challenges, including the rapid intensification of several hurricanes and a record-setting number of landfalls in the United States. Nearly the entire U.S. Gulf and Atlantic coast experiences impacts during the season. Successes included accurate track predictions before Laura's U.S. landfall, the use of Potential Tropical Cyclone advisories to convey risk of tropical storm and hurricane conditions before formation, and enhanced messaging to convey risk of life-threatening storm surge. Challenges included

predicting rapid changes in strength of several tropical cyclones in 2020. These successes and challenges and updates to NHC products and services for 2021 will be discussed in this session.

Speakers:

"Overview of Record-Setting 2020 Hurricane Season"

Michael Brennan, Branch Chief Hurricane Specialist Unit, National Hurricane Center

"Forecast Successes and Challenges"

Robbie Berg, Hurricane Specialist, National Hurricane Center

"Forecast and Messaging Challenges from a Local Perspective"

Roger Erickson, Warning Coordination Meteorologist, Lake Charles NWS Forecast Office

"ABC's of EOCs"

Tuesday, June 15, 2021

Time: 8:30 am to 12:00 pm

Location: Jefferson Ballroom (3rd Floor)

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

Moderator:

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

Speakers:

"Emerging Trends...and...their Impact on the Built Environment of EOC Facilities"

Ian A. Reeves, AIA, President, Architects Design Group, Winter Park, FL

Susan Gantt, AIA, LEED AP, Senior Vice President, Architects Design Group, Winter Park, FL

Susan Gantt Presentation Part #1

Susan Gantt Presentation Part #2

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

Earl J. Eues, JR, Director, Terrebonne Parish Office of Homeland Security and Emergency

Preparedness, Houma, LA

Reservation Required

EMI L0419 Emergency Assistance Sheltering Field Guide for State and Local Communities Training

Monday, June 15, 2021

Time: 8:30 am to 5:00 pm

Location: Salon C (1st Floor)

This 1-day Mass Care/Emergency Assistance course is designed to train faith-based groups, non-profit organizations, government partners, and private industry in the best practices for shelter operations. Participants will learn how to use the Shelter Field Guide to open, operate and close a shelter, identify

the seven different roles involved in sheltering, prepare for shelter operations and be able to explain the resources available to shelters. There will be some time at the end to address questions on the impact of COVID-19 on shelter operations.

The primary audience for this training includes faith-based groups, non-profit organizations, government partners, and private industry that may have responsibility for shelter operations.

Instructors:

Frederick Williams

Garry Sitze

H. Marie Harkenrider, Training Specialist, Emergency Management Institute, Emmitsburg, MD

Reservation Required

EMI L0191 Emergency Operations Center/Incident Command System Interface

Monday, June 15, 2021

Time: 8:30 am to 5:00 pm

Location: Salon D (1st Floor)

The goal of this 1-day professional development course, E/L/G 0191 Emergency Operations Center/Incident Command System Interface, is to enable the students to develop an effective interface between the Incident Command/Unified Command and the Emergency Operations Center by applying National Incident Management System principles.

This course is intended for federal, state, tribal, territorial, local level, private industry, volunteer, and nongovernmental emergency management personnel who are active in a community's ICS and EOC activities.

Instructors:

Russell "Russ" Flick, Training Specialist, FEMA/EMI, Emmitsburg, MD

SabraRenee "Sabra" Arnold, Training Specialist, FEMA EMI, Clarksburg, MD

Amateur Radio Workshop

"Tropical Systems and Disaster Communications" VIRTUAL ONLY SESSION

Tuesday, June 15, 2021

Time: 10:30 am to 5:00 pm

Location: Zoom online application

This training session will discuss general Amateur Radio involvement when tropical systems impact coastal areas of the Atlantic including the Amateur Radio response to significant hurricanes of the 2019 and 2020 seasons. Specific presentation topics will include a representative from the National Hurricane Center, who will present the importance of Amateur Radio surface reports to the hurricane forecasting process; an overview of WX4NHC-The National Hurricane Center Amateur Radio station operations; the Hurricane Watch Net and how Amateur Operators maintain their stations when hurricanes cause damage to Amateur Radio reporting stations; and the VoIP Hurricane Net and Best Practices in Amateur

Radio SKYWARN operations during tropical system impacts. A presentation and overview of Canadian Hurricane Centre and Amateur Radio Operations along with the meteorological impacts of hurricanes in the 2019 and 2020 season. Additional topics relating to Amateur Radio and related communications will also be presented. A moderated Q & A session will be completed as part of this informative workshop.

Moderator:

Rob Macedo, VoIP Hurricane Net

Presenters:

Ken Bailey, K1FUG, Emergency Preparedness Assistant Manager

Bobby Graves, Hurricane Watch Net

Rob Macedo, VoIP Hurricane Net

John McHugh, Amateur Radio Coordinator at National Hurricane Center Station - WX4NHC

Jim Palmer, VoIP Hurricane Net

Julio Ripoll, Amateur Radio Coordinator at National Hurricane Center Station - WX4NHC

Bob Robichaud, Canadian Hurricane Centre

Virtual Dial-In Information Via Zoom

Topic: National Hurricane Conference Amateur Radio Workshop

Time: Jun 15, 2021 10:00 AM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/84497886921?pwd=ZVJKZkx4VDk1bGJzbWFjaEhweTY4QT09>

Meeting ID: 844 9788 6921

Passcode: 565708

One tap mobile

+13017158592,,84497886921#,,,,*565708# US (Washington DC)

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Dial by your location

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+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

Meeting ID: 844 9788 6921

Passcode: 565708

Find your local number: <https://us02web.zoom.us/u/k82oRVAY1>

Recovery Training

"Disaster Housing - Solutions and Approaches"

Monday, June 15, 2021

Time: 10:30 am to 12:00 pm

Location: St. Charles Ballroom (3rd Floor)

In the aftermath of disasters, communities often face situations that require creative short-term and long-term housing solutions for populations with different geographic, infrastructure and socioeconomic challenges. Effectively retaining your population by moving displaced survivors into post-disaster housing is a critical step toward long-term recovery. However, many jurisdictions do not have disaster housing approaches due in part to the perception that housing is solely the Federal Government's responsibility and a lack of full-time disaster housing staff.

Housing solutions are federally/privately resourced, they are state managed and locally executed. Let's discuss solutions on the following guiding principles for jurisdictional-specific housing approaches:

1. Support individuals and communities in returning to self-sufficiency as quickly as possible.
2. Define and fulfill fundamental disaster housing responsibilities and roles.
3. Increase our collective understanding and ability to meet the needs of disaster survivors and affected communities.
4. Build capabilities to provide a broad range of flexible housing options, including sheltering, temporary housing, and permanent housing.
5. Better integrate disaster housing assistance with related community support services and long-term recovery efforts.
6. Improve disaster housing planning to better recover from disasters, including catastrophic events.

Moderator:

Teresa Carter, President, T Carter Consulting, LLC

Speaker:

Roy Dunn, Chief Operating Officer, Emergency Management, CDR Maguire, Inc., Washington, DC

Nonprofit Workshop

"A Look Back at How Nonprofits Responded During the 2020 and 20219 Hurricane Seasons"

Tuesday, June 15, 2021

Time: 10:30 am to 12:00 pm

Location: St. James Ballroom (3rd Floor)

This session will continue highlighting how nonprofits support disasters. In this session, nonprofits will be providing an overview of how the pandemic impacted their response to the historic 2020 hurricane season; how they responded to the 2019 season where Hurricane Dorian devastated the northern Bahamas; how they provided record.

Moderator:

Greg Padgett, Media Relations and Communications, Tidal Basin Group

Speakers:

Steve Flemming, Senior Associate, Operational Planning, Team Rubicon FEMA Region 4 & 6

Jake Meeks, Planning Manager, Team Rubicon FEMA Region 4 & 6

Evan Whitt, Operations Associate, Team Rubicon FEMA Region 4 & 6

Elizabeth Egle, Chief Development Officer, SBP USA

Chauncia Willis, CEO, IDIEM

Ellis M. Stanley, Board of Directors, IDIEM

Vincent B. Davis, CEM, MCP, NEMAA, Director of Disaster Services, Feeding America

Patrick Crawford, Managing Director of Disaster Services, Feeding America

Meteorology Workshop

"Storm Surge and Rainfall Forecasting Successes and Challenges During the 2020 Hurricane Season"

Tuesday, June 15, 2021

Time: 10:30 am to 12:00 pm

Location: Churchill CD (2nd Floor)

The extremely busy 2020 Atlantic hurricane season produced several significant storm surge and heavy rainfall events in the United States. Devastating storm surge occurred during Hurricane Laura's landfall in Louisiana, with several other significant storm surge events occurring along the Gulf coast. A record number of United States landfalling tropical storms and hurricanes also produced significant rainfall and flooding events. This session will focus on the successes and challenges of the National Weather Service storm surge and rainfall forecasts, and the success of storm surge messaging during Hurricane Laura.

Speakers:

"Evaluations of NHC's Storm Surge Predictions During the 2020 Hurricane Season"

Jamie Rhome, Storm Surge Team Lead, National Hurricane Center

"Evaluation of the NOAA Weather Prediction Center's Rainfall Forecasts"

Greg Carbin, Chief, Forecast Operations Branch, Weather Prediction Center

Fire-Rescue/Law Enforcement Training

"Emergency Support Function #13 (ESF #13) Federal Law Enforcement's Role in Public Safety and Security during Hurricane Responses"

Tuesday, June 15, 2021

Time: 10:30 am to 12:00 pm

Location: Churchill AB (2nd Floor)

This session will cover the organization of the Department of Justice/Bureau of ATF ESF #13 National Coordination Center and discuss the history and lessons learned by federal law enforcement responders during the past four hurricane seasons (2017-2020). Each season provided different response challenges. Our presentation will focus on the ESF #13 response to support federal operations as well as Direct Federal Assistance missions to support state and local law enforcement efforts. This includes

the Law Enforcement Coordination Center concept that organizes the coordination of various levels of law enforcement partners at the federal, state, tribal, and local levels during the response, as well early deployment to free up scarce state and local law enforcement resources. We will also discuss the measures implemented for responding during a pandemic.

Moderator:

William Wagner III, Fire Chief (Retired), Islamorada, FL and Founder/CEO, Early Alert, Inc., Rome, GA

Speakers:

James Rosebrock, Operations Officer, Department of Justice

Rob McCloy, ESF#13 National Coordinator

Phil Doucet, ESF#13 Program Manager

Jim Allison, Situational Awareness Unit Lead

CONCURRENT SESSIONS Tuesday, June 15, 2021 1:30 pm to 5:00 pm

Response Workshop

"Why Next-Gen Tools Need to Address the Gap Between Mitigation and Response"

Tuesday, June 15, 2021

Time: 1:30 pm to 3:00 pm

Location: St. Charles Ballroom (3rd Floor)

For communities threatened by hurricanes, managing evacuations is a major challenge. It requires making difficult decisions in an uncertain, dynamic, and complex environment where the stakes are incredibly high.

However, there is an opportunity to leverage recent research and innovations that would offset these obstacles. The Integrated Scenario-based Evacuation (ISE) tool, a next-gen evacuation decision support platform from the University of Delaware and Disaster Tech, is proven to assist emergency managers for future tropical storms. In this talk, researchers and contributors will discuss how their team designed the tool, the tool's impact on mitigating an approaching hurricane, and most importantly, why disaster management needs to place a more considerable emphasis on mitigation vs. response.

This talk will also cover the community resilience that ISE can provide to local and national emergency teams dealing with hurricane preparedness. Panelists will also dive into the additional benefits of the ISE tool that don't currently exist within the space and why the lack thereof costs us lives, money, and precious decision-making time. For example, how the tool's decision and recommendation tree feature leverages the value of decreasing uncertainty during an event.

In addition to community resilience, the talk will also discuss how the acceleration of AI and machine learning (ML) technologies and their applications are revolutionizing industries and developing breakthroughs that are changing our daily lives and human-machine interactions. Changes in weather patterns, oceans, sea-level rise and disaster risk amplify the need for accelerated AI research and

transition to practical use for decision-making to prepare, mitigate, and build resilience before, during, and after hurricanes. In this talk, our speakers will dive into the risks and rewards of AI for hurricane mitigation and highlight the bright future ahead for our industry.

Moderator:

Chip Patterson, VP of Operations, Southern Disaster Recovery, LLC.

Speaker:

Sean Griffin, CEO and Co-Founder, Disaster Tech, Virginia

Rachel Davidson, Professor of Civil and Environmental Engineering, Disaster Research Center, University of Delaware

Nonprofit Workshop

"How Nonprofits and Emergency Managers Can Collaborate to Reduce the Impacts of Disasters"

Tuesday, June 15, 2021

Time: 1:30 pm to 3:00 pm

Location: St. James Ballroom (3rd Floor)

In this session, a group of notable nonprofits will discuss ideas on how the emergency management, public, and private sectors can support and amplify their ability to respond to disasters. In return, the nonprofits will share resources and recommendations on how communities can support preparedness opportunities in their communities.

Moderator:

Greg Padgett, Media Relations and Communications, Tidal Basin Group

Speakers:

Steve Flemming, Senior Associate, Operational Planning, Team Rubicon FEMA Region 4 & 6

Jake Meeks, Planning Manager, Team Rubicon FEMA Region 4 & 6

Evan Whitt, Operations Associate, Team Rubicon FEMA Region 4 & 6

Elizabeth Egle, Chief Development Officer, SBP USA

Chauncia Willis, CEO, IDIEM

Ellis M. Stanley, Board of Directors, IDIEM

Vincent B. Davis, CEM, MCP, NEMAA, Director of Disaster Services, Feeding America

Patrick Crawford, Managing Director of Disaster Services, Feeding America

Meteorology/Hurricane History Workshop

"Why No Storms are "Fish" Storms: Keeping Mariners Safe from Tropical Cyclones"

Tuesday, June 15m 2021

Time: 1:30 pm to 3:00 pm

Location: Churchill CD (2nd Floor)

Less attention is often paid to tropical storms and hurricanes that are forecast to remain over the open ocean. However, these storms still produce marine hazards that must be considered by ships at sea that transport people and goods across the globe. Unfortunately, hurricanes have been the cause of many maritime disasters, including the loss of the *Bourdon Rhode* in 2019 along with 11 crew members. This session will describe the history of how ships at sea obtained forecasts and warnings and how that has evolved through time. New efforts and gridded forecasts from NWS/NHC/Tropical Analysis and Forecast Branch and the NWS/Ocean Prediction Center are aimed to provide deterministic and probabilistic guidance to help mariners assess the risk of hazardous winds and seas. Additionally, new efforts to raise awareness of these marine hazards using real-time Impact-based Decision Support Services and targeted outreach is happening within the NWS. These efforts will be discussed.

Speakers:

"History of Hurricane Marine Disasters and Evolution of Forecast Products" (20 mins)

Chris Landesa, Chief, Tropical Analysis and Forecast Branch, National Hurricane Center

"Marine Forecast Products for Blue Water Mariners" (20 mins)

Stephen Konarik, Lead Forecaster, Tropical Analysis and Forecast branch, National Hurricane Center

"U.S. Coast guard and Hurricanes: Safeguarding the Maritime Community" (20 mins)

Captain Harper Phillips, Chief of Incident management, U.S. Coast Guard District Eight

"Outreach and Training for "Blue Water Mariners"" (20 mins)

Andy Latto, Hurricane Specialist, National Hurricane Center

Fire-Rescue/Law Enforcement Training

"Utilizing Unmanned Aircraft Systems in Emergencies and Disasters"

Tuesday, June 15, 2021

Time: 1:30 pm to 3:00 pm

Location: Churchill AB (2nd Floor)

This session will focus on the use cases for unmanned aircraft systems (UAS) as applied to emergencies and disasters. Examples will include USAR, wide area search, firefighting, and damage assessment. The session will discuss the regulatory issues, equipment, and training and development of UAS teams.

The session is designed to familiarize policy makers and practitioners of what is possible and how to develop a UAS program.

Moderator:

Lisa Watson, Fire Captain (retired), Marathon, FL, and Emergency Management Director, Early Alert, Inc., Crawfordville, FL

Speakers:

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

Rob McDaniel, Senior Fellow Emergency Management and Homeland Security Program and the Center for Disaster Risk Policy, Florida State University, Tallahassee, FL.

Business, Industry & Economic Resiliency Workshop

"Hurricane Planning for Multiple Strategic Assets Over Multiple States"

Tuesday, June 15, 2021

Time: 1:30 pm to 3:00 pm

Location: Jefferson Ballroom (3rd Floor)

The United States Gulf Coast saw a historic number of named tropical systems during the year while the season itself was historic with 30 named tropical systems between mid-May and November. The Strategic Petroleum Reserve (SPR), with locations across Mississippi, Louisiana, and Texas, experienced the effects of 8 of those systems during the 2020 Atlantic Hurricane Season with every SPR location implementing hurricane protective actions at some point during the season. Additionally, the SPR was still in the early stages of its response to the COVID-19 pandemic when the first named storm of the season (Tropical Storm Cristobal) posed a hazard to SPR operations.

The SPR acted quickly, reviewing and revising all procedures to maintain continuity while also maintaining COVID-19 protocols. These actions allowed the SPR to maintain its mission and meet all emergency energy demands.

Speaker:

Jack Badinger, Lead Emergency Preparedness Specialist for Fluor Federal Petroleum Operations, the Management and Operations Contractor for the United States Department of Energy, Strategic Petroleum Reserve

Nonprofit Workshop

"Nonprofit Engagement Summit"

Tuesday, June 15, 2021

Time: 3:30 pm to 5:00 pm

Location: Offsite

This Summit will take place on site at the SBPUSA's global headquarters in New Orleans. Members of the nonprofit sector are invited to attend (space is limited), each attendee must provide their own transportation to the SBPUSA office and preregistration is requested to participate.

Response Workshop

"Significant Government (SGI) COAs" and an Overview of Temporary Flight Restrictions (TFRs) and How They Assist During Disaster Relief"

Tuesday, June 15, 2021

Time: 3:30 pm to 5:00 pm

Location: Churchill CD (2nd Floor)

Speakers:

Mike Sheldon, Air Traffic Security Specialist, Systems Operations Support Center

Joe Rose, Director of Safety, Berry Aviation, Inc

Evacuation Planning Training

"Measuring Evacuations Without Surveys"

Tuesday, June 15, 2021

Time: 3:30 pm to 5:00 pm

Location: Churchill AB (2nd Floor)

For decades surveys with coastal residents have been conducted to document and explain public evacuation behavior during hurricane threats. Survey completions have become more and more difficult to achieve in recent years, increasing both the cost and uncertainty in the representativeness of the results. This session will examine two alternatives to surveys to document evacuations: traffic count data and anonymous cell phone data.

Moderator:

Jay Baker, Hazard Management Group, Tallahassee, FL

Speakers:

"Use of Roadway Traffic to Analyze Hurricane Evacuations"

Brian Wolshon, Department of Civil and Environmental Engineering, LSU

"Use of Anonymous Cell Phone Data to Update in the Florida Statewide Regional Hurricane Evacuation Study"

Andrew Sussman, Hurricane Program Manager, Florida Division of Emergency Management

Jason Kemp, Principal, Data and Modeling, Cambridge Systematics, Inc.

Pragun Vinayak, Associate, Data and Modeling, Cambridge Systematics, Inc.

"Using Anonymous Cell Phone Data to Monitor Population Movements"

Bill Massey, Senior Project Manager, Dewberry Engineers

Colt Bowels, Senior Project Manager, USACE Charleston

Bob Pauley, Director Business Development - North America, Cellint

Engineering Training Session

"Advanced Wind Design and Mitigation Products From the FEMA MAT Program"

Tuesday, June 15, 2021

Time: 3:30 pm to 5:00 pm

Location: Jefferson Ballroom (3rd Floor)

Following Hurricanes Irma and Maria in Puerto Rico and the U.S. Virgin Islands (USVI), and Typhoon Yutu in the Commonwealth of the Northern Marianas Islands, the FEMA Mitigation Assessment Team (MAT), including its local stakeholders, recommended the development of advanced wind design products to support resilient building codes implementation. Products include Special Wind Regions; FEMA P-2062: Guidelines for Wind Vulnerability Assessments of Existing Critical Facilities; and Best Available Refuge Area Assessment Guide. Recommendations from those hurricanes and Hurricane Laura in Louisiana also led to a number of recommendations for building design and case studies for mutual aid agreements. The workshop will highlight building performance observations from the FEMA MATs as well as the advanced wind design products to enable stronger, more resilient communities.

Moderator:

Shandy Heil, CFM, Stantec

Speakers:

Daniel Bass, RA, FEMA Headquarters

"Hurricane Laura"

Manny Perotin, PE, CFM, Senior Project Manager, CDM Smith

"Hurricanes in Puerto Rico and U.S. Virgin Islands"

Michael Riemer, PE, LEED AP BD+C, Senior Structural Engineer, Atkins Global

"Mutual Aid Case Studies to promote Code Compliant Recovery: USVI & Louisiana"

Shandy Heil, CFM, Stantec

DELEGATE RAP SESSIONS Wednesday, June 16, 2021 8:30 am to 10:00 am

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

Recovery/FEMA RAP

"FEMA Update"

Location: St. Charles Ballroom (3rd Floor)

Facilitator:

Teresa Carter, President, T Carter Consulting, LLC

Evacuation Planning/Emergency Management RAP

Location: Churchill C (2nd Floor)

Facilitator:

John Wilson, Chairman, National Hurricane Conference, Fort Myers, FL

Nonprofit RAP

Location: St. James Ballroom (3rd Floor)

This marks the first opportunity for members of the nonprofit community to come together and share best practices, discuss issues and topics, and engage with those in the emergency management community. This will mark the first of an annual focus for nonprofits to come together to collaborate on issues, topics, and identify opportunities to support their missions.

Facilitator:

Greg Padgett, Media Relations and Communications, Tidal Basin Group

Panelists:

Steve Flemming, Senior Associate, Operational Planning, Team Rubicon FEMA Region 4 & 6

Jake Meeks, Planning Manager, Team Rubicon FEMA Region 4 & 6

Evan Whitt, Operations Associate, Team Rubicon FEMA Region 4 & 6

Elizabeth Egle, Chief Development Officer, SBP USA

Chauncia Willis, CEO, IDIEM

Ellis M. Stanley, Board of Directors, IDIEM

Kathy Clark, AEM, Associate Director of Emergency Disaster Services, The Salvation Army, Texas Division

Vincent B. Davis, CEM, MCP, NEMAA, Director of Disaster Services, Feeding America

Patrick Crawford, Managing Director of Disaster Services, Feeding America

Katie Troncoso, Grants and Contract Manager, Volunteer Florida

Utilities RAP

"Overview of 2020 and Initiatives to Help Utilities and COVID Support"

Location: Churchill B (2nd Floor)

Facilitator:

Anthony Hurley, MEP, CPP®, PCI®, PSP®, CPD, Critical Preparedness LLC

Fire-Rescue/Law Enforcement RAP

Location: Churchill D (2nd Floor)

The session would cover the many team models and how the teams integrate and support incident response and recovery - both in the public and private sectors.

Facilitators:

William Wagner, III, Fire Chief (Retired), Islamorada, FL and Founder/CEO, Early Alert, Inc., Rome, GA

Lisa Watson, Retired Fire Captain, Marathon, FL Emergency Management Director, Early Alert, Inc., Palm City, FL

Response RAP

"Resource Management... And the Threats to Reimbursement"

Location: Jefferson Ballroom (3rd Floor)

Facilitators:

Chip Patterson, VP of Operations, Southern Disaster Recovery, LLC.

Mass Care RAP

Location: Churchill A (2nd Floor)

Facilitators:

Katherine Galifianakis, Senior Director of Response, Disaster Cycle Services, American Red Cross, Fairfax, VA

Michael Whitehead, Planning Integration Manager, American Red Cross, Fairfax, VA

Wednesday, June 16, 2021

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

General Session

Grand Salon A-C (1st Floor)

1:00 pm

Welcome

John Wilson, Chairman, National Hurricane Conference, Fort Myers, FL

1:05

Ken Graham, Director, National Hurricane Center, Miami, FL

1:35

Deanne Criswell, Administrator, FEMA, Washington, DC

2:05

James Waskom, Director, Governor's Office of Homeland Security and Emergency Preparedness, Baton Rouge, LA

2:25

Kevin Guthrie, Director, Florida Division of Emergency Management, Tallahassee, FL

2:45

Tim Callaghan, Senior Regional Advisor, USAID BHA LAC, U.S. Embassy, Costa Rica

3:00 pm

Networking Break/Coffee

3:30 pm

Annual Awards Presentation

4:00 pm

"Atlantic Basin Seasonal Hurricane Prediction and Initial Outlook for 2021 Atlantic Hurricane Season"

Phil Klotzbach, Research Scientist, Department of Atmospheric Science, Colorado State University, Fort Collins, CO

4:30 pm

[Dr. Kishor Mehta, Ph.D., PE, Horn Professor, Department of Civil, Environmental, and Construction Engineering; and Founder, Wind Science & Engineering Research Center, Texas Tech University, Lubbock, TX](#)

5:00 pm

Adjourn

A1 Evacuation Planning Workshop**"2020 Evacuations Experienced During the Coronavirus Pandemic"**

Thursday, June 17, 2021

Time: 8:30 am to 10:00 am

Location: Jefferson Ballroom (3rd Floor)

There was no shortage of storms prompting evacuations in 2020, and this session will include presentations from emergency management officials from several affected jurisdictions. They will describe how their evacuations were affected by COVID-19 concerns and what lessons they learned from their experiences.

Moderator:

John Wilson, Chairman, National Hurricane Conference, Fort Myers, FL

Speakers:

Andrew Sussman, MPA, FPEM, Hurricane Program Manager/AlertFlorida Contract Manager, Florida Division of Emergency Management, Tallahassee, FL**Dick Gremillion**, Office of Emergency Preparedness, Lake Charles, LA**B1 Mass Care Workshop****"Emergency Pet Sheltering"**

Thursday, June 17, 2021

Time: 8:30 am to 10:00 am

Location: Salon C (1st Floor)

The growth in pet ownership between 2008-2018 has been well documented. For example, dog households alone have grown by 18%. What does that mean? When disaster strike and people evacuate, they arrive at shelters with their animals. In this Workshop, experts with experience in dealing with pet issues during a disaster share their knowledge. The information presented includes: a) An overview of emergency pet sheltering, partners and resources available to you; b) Case study: Pet sheltering in hotels in Louisiana, a state and Red Cross perspective, compared to the wildfire experience on the West Coast; and c) Preparedness & Planning for emergency pet sheltering, a community perspective.

Moderator/Speaker:

Diane Robinson, Program manager, Disaster Services, The Humane Society of the United States

Speakers:

Josh Cary, National Director of Operations, American Humane, Rescue, Castel Rock, CO**Kevin White**, Manager, Disaster Programs, American Red Cross, Baton Rouge, LA**Sarah Egan**, Emergency Management Specialist, FEMA, Washington, D.C.**C1 Response Workshop**

"State and Local Government in a Global Pandemic"

Thursday, June 17, 2021

Time: 8:30 am to 10:00 am

Location: Churchill CD (2nd Floor)

Florida's State Emergency Response Team (SERT) has been activated for over 400 days in response to the COVID-19 Pandemic affecting the world. 2020 and beyond has been a rolling disaster presenting many challenges at the different levels of government, and the Florida SERT has risen to the occasion in hopes of keeping its citizens safe. During this workshop, you will discover best practices and lessons learned from the Florida SERT as the team has worked to respond and recover from a multitude of additional incidents ranging from riots and wildfires to tropical cyclones.

Moderator:

Chip Patterson, VP of Operations, Southern Disaster Recovery, LLC.

Speakers:

Ryan Lock, Plans Section Chief & Bureau Chief of Preparedness, Tallahassee, FL

Ashley H. David, FPEM, CEM, Operations Section Chief & Bureau Chief of Response, Tallahassee, FL

Ian Guidicelli, Deputy Operations Chief & Deputy Bureau Chief of Response

D1 Utilities Workshop

"Exercises and Training During the Down Time"

Monday, June 17, 2021

Time: 8:30 am to 10:00 pm

Location: Salon B (1st Floor)

When disasters fail to impact an area for several years, budget restraints may place annual training to the side, and complacency may occur. Only those organizations and agencies that truly understand the importance of preparedness keep training at the forefront to ensure that their organizations are prepared to recover safely and expeditiously.

Moderator:

Anthony Hurley, MEP, CPP®, PCI®, PSP®, CPD, Critical Preparedness LLC

Speakers:

Greg Grillo

E1 Fire-Rescue/Law Enforcement Workshop

"The Response of Florida's US&R Taskforce to Louisiana for Hurricane Laura"

Monday, June 17, 2021

Time: 8:30 am to 10:00 pm

Location: St. Charles Ballroom (3rd Floor)

Highlights of the process of resource management and deployment by the Florida Division of State Fire Marshal and the Florida Fire Chiefs' Associations' Statewide Emergency Response Plan (SERP).

Discussions to include the coordination and support of resources received by the Louisiana State Fire Marshal's Office, the challenges encountered by multiple teams working in common areas and some of the creative solutions to address them.

Moderator:

TJ Lyon, OPS Governmental Analyst II, FFCA SERP - Emergency Response Committee Chair, Bureau of Fire Standards & Training, Florida State Fire College, Ocala, FL

Speaker:

Julius Halas, Director, Division of State Fire Marshal, Tallahassee, FL

H. "Butch" Browning, Fire Marshal, Louisiana State Fire Marshal's Office, Baton Rouge, LA

Walter Lewis, District Chief, Orlando Fire Department, Florida US&R Taskforce-4 Leader, Orlando, FL

F1 Public Education/Media Workshop

"Nonprofits to the Rescue: A Look at How Charitable Organizations Supported Communities During a Historic Hurricane Season and Global Pandemic"

Thursday, June 17, 2021

Time: 8:30 am to 10:00 am

Location: Salon A (1st Floor)

Nonprofits played a significant role during 2020's historic hurricane season while the ongoing pandemic provided obstacles and limited resources to support those impacted by disasters. Learn how nonprofits are increasing their operational capabilities to offer more services to survivors to help communities prepare and recover from disasters.

Moderator:

Greg Padgett, Media Relations and Communications, Tidal Basin Group

Speakers:

Steve Flemming, Senior Associate, Operational Planning, Team Rubicon FEMA Region 4 & 6

Jake Meeks, Planning Manager, Team Rubicon FEMA Region 4 & 6

Evan Whitt, Operations Associate, Team Rubicon FEMA Region 4 & 6

Elizabeth Egle, Chief Development Officer, SBP USA

Chauncia Willis, CEO, IDIEM

Curtis Brown, State Coordinator, Virginia Department of Emergency Management

G1 Recovery Workshop

"Highlighting the Role of Women in Disaster Response and Recovery"

Thursday, June 17, 2021

Time: 8:30 am to 10:00 am

Location: Churchill AB (2nd Floor)

This workshop will host a panel of women leaders to highlight the achievements of women Emergency Management and Public Works leaders, and offer their insights to industry colleagues. The panel will foster conversation around unique challenges in disaster response and the opportunities for empowerment to women in the field. Panelist will discuss best practices and their direct experience preparing and leading their community through a recent major disaster. Attendees will learn from their peers and build a community of women in the field, with the goal of building a networking and mentoring community.

Moderator:

Brittany Perkins Castillo, CEO, AshBritt, Inc., Debris and Environmental Services Contractor

Panelists:

Gracia B. Szczech, Regional Administrator, FEMA Region IV

Teresa Carter, President, T Carter Consulting, LLC

H1 Engineering Workshop

"The Latest in Storm Shelters and Safe Rooms"

Thursday, June 17, 2021

Time: 8:30 am to 10:00 am

Location: St. James Ballroom (3rd Floor)

Storm shelters and safe rooms are designed to provide life safety protection for occupants from the extreme winds of hurricanes and tornadoes. Storm shelter and safe room requirements and technologies continually improve based on lessons learned from past events as well as best practices and advanced research. This session will get you up to speed on the latest in storm shelters and safe rooms designed to resist hurricane winds and tornadoes. We will hear from a representative of the International Code Council regarding the requirements of the updated ICC 500-2000, *Standard for the Design and Construction of Storm Shelters*, which provides the minimum requirements for design, construction, and installation of storm shelters; a representative from FEMA will discuss the updates to the planning, design, construction, and operation criteria in the newly updated FEMA P-361, *Safe Rooms for Tornadoes and Hurricanes*, which are required for federal safe room funding; and PowerPolymer will showcase a resilient above-ground storm shelter technology that uses a chemically bonded thin inlay to enhance the impact resistance of the storm shelter envelope.

Speakers:

"Highlights of Significant Changes in the ICC 500-2020 Storm Shelter Standard"

Marc Levitan, Research Wind Engineer, National Institute of Standards and Technology, Gaithersburg, MD

"Updates to FEMA P-361 Safe Room Criteria"

Pataya Scott, FEMA

Glenn Overcash, PE, Project Manager, AECOM

"Sustainable Solutions for Storm Shelters and Safe Rooms"

Dr. Thomas Attard, CEO, PowerPolymer, LLC, Wimberley, TX

A2 Evacuation Planning Workshop**"The Effect of COVID-19 on Evacuation Behavior"****Thursday, June 17, 2021****Time: 10:30 am to 12:00 pm****Location: Jefferson Ballroom (3rd Floor)**

Presentations will include an examination of what the existing research literature suggested we should expect with respect to the effect of COVID-19 on evacuation behavior, what coastal residents said in surveys prior to hurricane threats about how their response would be affected, and what residents said following two actual evacuations.

Moderator:**Jay Baker**, Hazard Management Group, Tallahassee, FL**Speakers:****"Emergency Evacuation and Sheltering During the COVID-19 Pandemic - National Academy of Sciences Report on Implications for Preparedness Planning"****Mike Lindell**, Professor Emeritus, Texas A&M University**"Impact of COVID-19 on Household Hurricane Evacuation Decision Making"****Minna Jia**, Director, Survey Foundry, Florida State University**"Hurricane Evacuations in the Age of COVID-19"****Killian Mcweeney**, Department of Geography, University of Georgia**B2 Mass Care Workshop****"From Evacuation Shelters to Temporary Housing - How Does it Work?"****Thursday, June 17, 2021****Time: 10:30 am to 12:00 pm****Location: Salon C (1st Floor)**

The COVID-19 pandemic has thrown many hurdles into the landscape of disaster housing, as seen in the 2020 hurricane season. This session will look at the various challenges and successes experienced during the response to and recovery from Hurricane Laura. Panelists from local, state, and volunteer agencies will walk through the process of planning for housing while juggling these many hurdles, from evacuation and non-congregate sheltering to longer-term housing and disaster evictions.

Moderator:**Rick Schofield**, Division Disaster State Relations Director, American Red Cross, SEC Division**Speakers:****Dick Gremillion**, Office of Emergency Preparedness, Lake Charles, LA**Ricky Montet**, Director of Emergency Preparedness, Louisiana Department of Family Services, Baton Rouge, LA**Rubby Douglas**, Director of Emergency Preparedness, Baton Rouge, LA

Kevin White, Senior Disaster Program Manager, American Red Cross, Louisiana Region

C2 Response Workshop

"Pandemic Logistics Learned Applied in Hurricane Response"

Thursday, June 17, 2021

Time: 10:30 am to 12:00 pm

Location: Churchill CD (2nd Floor)

Throughout the COVID-19 Pandemic, Florida's State Emergency Response Team (SERT) led the state's logistical operation procuring resources to state and local responders. During this workshop, you will learn best practices and lessons learned from the in-house Incident Management Team who led the operation handling situations ranging from procurement of proper personally protective equipment, deployment of resources for the testing operation, and the establishment of vaccine sites statewide.

Moderator:

Chip Patterson, VP of Operations, Southern Disaster Recovery, LLC

Speakers:

Kenneth DeCastro, Logistics Section Chief, Tallahassee, FL

Ashely H. Davis, FPEM, CEM, Operations Section Chief & Bureau Chief of Response, Tallahassee, FL

Ian Guidicelli, Deputy Operations Section Chief & Deputy Bureau Chief of Response

D2 Utilities Workshop

"Public-Private Partnerships: Working Business Continuity for Utilities and Conducting Business Impact Analysis to Recover a Community"

Thursday, June 17, 2021

Time: 10:30 am to 12:00 pm

Location: Salon B (1st Floor)

Business Continuity planning is the process of creating processes and systems to enable the recovery to a potential threats or incident to an organization. The goal is to enable ongoing operations before and during the execution of disaster recovery. Presenter will highlight the Business Continuity process, with emphasis on the Risk Assessment and the Business Impact Analysis (BIA). Speaker will demonstrate the guidelines for Strategy & Plan Development, and how to Test, Train & Maintain your Business Continuity plans.

Moderator/Speaker:

Anthony Hurley, MEP, CPP®, PCI®, PSP®, CPD, Critical Preparedness LLC

E2 Fire-Rescue/Law Enforcement Workshop

"IMT, IMAT, IMST - What Difference Does It Make?"

Thursday, June 17, 2021

Time: 10:30 am to 12:00 pm

Location: St. Charles Ballroom (3rd Floor)

All-Hazard Incident Management Teams play an essential role in the management of, and response to, local/regional/national emergencies, natural disasters, and public events. This session would cover the many team models and how the teams integrate and support incident response and recovery - both in the public and private sectors. Includes a review of the designated team of trained personnel from different departments, organizations, agencies, and jurisdictions.

Moderator:

Lisa Watson, Fire Captain (retired), Marathon, FL, and Emergency Management Director, Early Alert, Inc., Crawfordville, FL

Speakers:

William Wagner III, Fire Chief (Retired), Islamorada, FL and Founder/CEO, Early Alert, Inc., Rome, GA

Bradley B. McLaughlin, Police Chief (Retired), Birmingham, AL

F2 Public Education/Media Workshop

"Airport Response to COVID-19 and the 2020 Hurricane Season"

Thursday, June 17, 2021

Time: 10:30 am to 12:00 pm

Location: Salon A (1st Floor)

The session will be made up of a panel of experts to speak about the early stages of the pandemic and how the airports and ports coordinated the movement of supplies, PPE, and managed operations with minimal staffing. In addition, operations were coupled with hurricanes which hit the gulf and east coast last year. The panel will discuss successes, how they managed, what continuity plans did they have in place, and lessons learned.

Moderator/Speaker:

Ashlee Delventhal, Senior Director, Tidal Basin Group

Speaker:

Walter Krygowski, Deputy Director of Aviation - Operations & Maintenance, Louis Armstrong New Orleans International Airport

Jesse Spearo, Senior Emergency Management Specialist, Fort Lauderdale International Airport

G2 Recovery Workshop

"CARES ACT, Emergency Rental Assistance and FEMA PA Weaving the Funding for COVID"

Thursday, June 17, 2021

Time: 10:30 am to 12:00 pm

Location: Churchill AB (2nd Floor)

This session will discuss many of the new forms of recovery funding that have been made available to states, tribal, and local governments to combat, respond, recover from Covid-19 impacts. Funding streams to be discussed include ARPA, CARES Act, ERAP, FEMA PA, BRIC, and more. With new and existing funding streams that can cover costs simultaneously, which money do you use first to preserve

more flexible funding streams for harder to address items? Join the discussion and experiences that will be shared in this session to find out!

Moderator:

Teresa Carter, President, T Carter Consulting, LLC

Speakers:

Mark Mischak, CEM, Senior VP & COO, Tidal Basin Group & Adjusters International

H2 Engineering Workshop

"Special Topics: Making Bridges Resilient in the Face of Hurricanes & Evaluating Buildings for Usage as Refuge Areas During Hurricanes"

Thursday, Thursday 17, 2021

Time: 10:30 am to 12:00 pm

Location: St. James Ballroom (3rd Floor)

This session will present two special topics.:

Bridges: PowerPolymer's validated a system that enhances the ability of concrete bridges that span tidal-influenced waters and are exposed to extreme hurricane events to exhibit only local cracking. To mitigate expensive damage to coastal highway bridges and to alleviate large-scale disasters in the face of potentially enormous hurricane forces, like Hurricane Katrina in 2005, PowerPolymer has developed a unique two-step "surface modification process" that results in a resilient bridge system, preventing collapse, and significantly minimizing damage. Results of experimental testing validate the ability of this system to incorporate vital resiliency and sustainability into vulnerable coastal bridges.

Refuge Areas: Hurricanes and tornadoes put lives at risk when they impact our communities and people cannot find safe refuge. Refuge Areas need to be identified and evaluated by engineers and architects to ensure safety for citizens when access to purpose-built shelters is not possible. The FEMA Best Available Refuge Area (BARA) program was developed to create tools that can be used to determine what buildings (or room therein) are the least vulnerable to collapse and failure if they are used to house people during a tornado or hurricane. This session presents how 240+ buildings were evaluated using the latest Best Available Refuge Area (BARA) tools for the City and County of Honolulu. It will discuss how the tool was applied for the program and present some of the findings from the work.

Speakers:

"Making Bridges Resilient in the Face of Hurricanes"

Dr. Thomas Attard, CEO, PowerPolymer, LLC, Wimberley, TX

"Evaluating Buildings for Use as Refuge Areas During Hurricanes"

Scott Tezak, PE, Vice President - Federal, Atkins Global

I2 Mitigation Workshop

"On Your Mark... Get Set... Plan"

Thursday, June 17, 2021

Time: 10:30 am to 12:00 pm

Location: Salon D (1st Floor)

Continuity of Operations Planning is an important part of any organization's risk management efforts. By preparing for the unforeseen, your organization can reduce the impact of the unexpected and ensure less interruption to service delivery. Join the Tallahassee Chamber and Disaster Strategies and Ideas to gain a better understanding of why your organization should establish a Business Continuity Plan/Continuity of Operations Plan (COOP) for any emergencies or disasters that affect your ability to operate for any length of time.

Moderator/Speaker:

Marcia Warfel, Disasters, Strategies and Ideas

CONCURRENT SESSIONS Thursday, June 17, 2021 1:30 pm to 3:00 pm

A3 Evacuation Planning Workshop

"Impact of Repetitive Evacuations in One Year"

Thursday, June 17, 2021

Time: 1:30 pm to 3:00 pm

Location: Jefferson Ballroom (3rd Floor)

Louisiana faced repeated hurricane threats in 2020, sometimes involving the same communities. This session will go over how evacuations varied during the season and whether concepts such as evacuation fatigue impacted response. This experience will be compared to that experienced in Florida during the 2004 season.

Moderator:

John Wilson, Chairman, National Hurricane Conference, Fort Myers, FL

Speakers:

Patrick Harvey, LEM, Director, Office of Homeland Security and Emergency Preparedness, Bell Chasse, LA

Paul Womble, CEM, FPEM, MEP, Director, Emergency Management Division, Polk County, Winter Haven, FL

B3 Mass Care Workshop

"Recap of 2020 Hurricane Season Sheltering"

Thursday, June 17, 2021

Time: 1:30 pm to 3:00 pm

Location: Salon C (1st Floor)

Covid-19 has changed the way sheltering was conducted during the 2020 hurricane season. We will be talking about the development and implementation of non-congregate sheltering in hotels, how we were

able to use data in sheltering - from the National Sheltering System to client data of shelter residents, and the implementation of shelter resident transition from non-congregate shelters.

Moderator:

Rick Schofield, Division Disaster State Relations Director, American Red Cross, SEC Division

Speakers:

Bruce Cuber, Division Disaster State Relations Director, American Red Cross, SEC Division

C3 Response Workshop

"Volunteer Organizations Hurricane Response in a Global Pandemic"

Thursday, June 17, 2021

Time: 1:30 pm to 3:00 pm

Location: Churchill CD (2nd Floor)

This workshop will provide an overview of hurricane response during the pandemic from two voluntary organizations, including descriptions of planning processes, risk mitigation, service delivery in response and supporting the impacted community. Panelists will include specialists from The Salvation Army and Southern Baptist Disaster Relief.

Moderator/Speaker:

Kathy Clark, AEM, Associate Director, Emergency Disaster Services, The Salvation Army, Dallas, TX

Speakers:

Alvin Miguez, AEM, Director, Emergency Disaster Services, The Salvation Army, Dallas, TX

Ralph Britt, Task Force Director, Mass Feeding, Southern Baptist Disaster Relief Texas Convention, Bullard, TX

D3 Utilities Workshop

"The U.S. Army Corp of Engineers Mission Assignment"

Thursday, June 17, 2021

Time: 1:30 pm to 3:00 pm

Location: Salon B (1st Floor)

The U.S. Army Corp of Engineers (USACE) conduct critical missions when any area has been devastated by a natural disaster. Their missions can range from transporting and distributing critical resources to providing and connecting generators. This massive battle-proven organization can be a critical partner in the recovery of communities that without their support would be unable to recover.

Moderator/Speaker:

Anthony Hurley, MEP, CPP®, PCI®, PSP®, CPD, Critical Preparedness LLC

E3 Fire-Rescue/Law Enforcement Workshop

"Technology Tools to Help Manage a Hurricane or Tropical Storm Response During A Pandemic"

Thursday, June 17, 2021

Time: 1:30 pm to 3:00 pm

Location: St. Charles Ballroom (3rd Floor)

Fire, EMS, and Law Enforcement Communities face a variety of demanding conditions related to timely data collection and management, especially post hurricane impact. During a pandemic additional challenge can complicate these activities. We will highlight different technologies, tools and solutions that could be implemented and utilized.

Moderator:

William Wagner III, Fire Chief (Retired), Islamorada, FL and Founder/CEO, Early Alert, Inc., Rome, GA

Speakers:

Brian Head, President & Foreman, Cobleskill Fire Department, Cobleskill, NY

Tim Masterson, Executive Director for Products Buffalo Computer Graphics, Blasdell, NY

F3 Public Education/Media Workshop

"Effective Hurricane Education Outreach"

Thursday, June 17, 2021

Time: 1:30 pm to 3:00 pm

Location: Salon A (1st Floor)

The FIU International Hurricane Research Center (IHRC), will describe informal education outreach partnerships with local, state, federal and private sector partners, including Florida Division of Emergency Management (FDEM), New Orleans Office of Homeland Security & Emergency Preparedness, Broward County Emergency Management, NOAA National Hurricane Center, NOAA Atlantic Oceanographic & Meteorological Laboratory, NOAA National Weather Service-Miami, NOAA National Weather Service New Orleans/Baton Rouge, International Hurricane Protection Association, and Fort Lauderdale's Museum of Discovery and Science. Programs include Eye of the Storm at Fort Lauderdale's Museum of Discovery and Science and the FIU NSF-NHERI Wall of Wind Research Facility and museum exhibit. Panel Q&A discussion would follow the speaker presentations.

Panel Discussion: Building Local, State, Federal, Non-Profit and Private Sector Partnerships to Promote Informal Hurricane Education Outreach

Moderator/Speaker:

Erik Salna, Associate Director, FIU Extreme Events Institute and International Hurricane Research Center

Speakers:

Lauren Nash, Warning Coordination Meteorologist, National Weather Service, Baton Rouge, LA

Laura A. Mellem, Communications Director, NOLA Ready, Office of Homeland Security & Emergency Preparedness, New Orleans, LA

Tim Robison, President, International Hurricane Protection Association

G3 Recovery Workshop

"Planning for the Next Pandemic: Lessons Learned from COVID"

Thursday, June 17, 2021

Time: 1:30 pm to 3:00 pm

Location: Churchill AB (2nd Floor)

As the former Director of Mississippi EM, Greg will discuss running an agency through the COVID Pandemic and the issues that were faced by his staff and solutions that worked and things that didn't. The lack of thoughtful planning and what we all can do in the future to handle the next one.

We will also discuss the activation in the FL EOC in Mass Care and working through the first 3 months of activation and the execution of mass feeding, when you are in a lockdown,

Moderator:

Teresa Carter, President, T Carter Consulting, LLC

Speaker:

Greg Michele, Director, EXCEL Communications

Shanti Smith-Copeland, CEM< FPEM, MS

CONCURRENT SESSIONS Thursday, June 17, 2021 3:30pm to 5:00 pm

A4 Evacuation Planning Workshop

"Advances and Projections in Evacuation Transportation Methods"

Thursday, June 17, 2021

Time: 3:30 pm to 5:00 pm

Location: Jefferson Ballroom (3rd Floor)

Transportation engineers and planners will discuss new and developing methods that will affect future evacuations and evacuation planning.

Moderator:

Brian Wolshon, Department of Civil and Environmental Engineering, LSU

Speakers:

"Spatiotemporal Traffic Characteristics of Megaregion Mass Evacuations"

Scott Parr, Civil Engineering Department, Embry Riddle University

"USDOT Interactive Evacuation Traffic Forecasting Tool"

Kyle Garret, Synesis Partners, LLC

"Impact of Sea Level Rise and the Need to Evacuate: Fort Lauderdale and Honolulu Case Study Models"

John Renne, Director, Center for Urban and Environmental Solutions, Florida Atlantic University

"Use of Online Demographic Information for Hurricane Evacuation Demand Estimation: Application of Nuclear Power Plant Emergencies for Hurricanes"

Kevin Weisch, KLD Engineering

B4 Mass Care Workshop

"Innovations in Disaster Feeding"

Thursday, June 17, 2021

Time: 3:30 pm to 5:00 pm

Location: Salon C (1st Floor)

The COVID-19 national pandemic forced many changes and innovations in disaster mass feeding practices during the historic 2020 hurricane season. Panelists from state government and the voluntary organizations will look at the responses to Hurricanes Laura, Sally and Delta, discussing adaptations that were needed, such as the transitioning from traditional food service operations at congregate shelters to services for evacuees at hotels. The panel will also look at introduction of new shelf-stable and 'grab-and-go' meal options and how food banks are meeting the increased demand for food product amid the double-impact of natural disasters and the pandemic.

Moderator:

Jeff Jellerts, Territorial Disaster Coordinator, Southern Territory, The Salvation Army, Atlanta, GA

Speakers:

Kevin White, Manager, Disaster Programs, American Red Cross, Baton Rouge, LA

Jay Vise, Second Harvest Food Bank of Greater New Orleans and Acadiana

Alvin Miguez, Emergency Director, Texas Division, The Salvation Army

C4 Response Workshop

"Structured Decision Making for Hurricane Response"

Thursday, June 17, 2021

Time: 3:30 pm to 5:00 pm

Location: Churchill CD (2nd Floor)

With an increased threat of hurricane activity in the tropical Atlantic and the Gulf of Mexico in recent years, business and emergency response officials are faced with making timely decisions to safeguard people, property, and maintain continuity of operations. Having a timeboxed detailed response plan is essential to a successful response. Structured decision guidance integrated into a hurricane response timeline will maximize decision-making effectiveness and risk exposure mitigation. StormGeo will share structured decision-making strategies to enhance and guide the thought process behind time-phased, actionable trigger points, ultimately resulting in improved response planning and execution. Content will include:

- Defining actionable response timeline and trigger points
- Utilizing objective decision guidance based on forecast parameters
- Theory in action, StormGeo's real-life response to events during the 2020 Hurricane Season (We need to maintain operations to ensure our clients can maintain operations.)

Moderator:

Chip Patterson, VP of Operations, Southern Disaster Recovery, LLC.

Speakers:

Alison Svreck, Global Director of Client Services and Manager of Business Continuity, StormGeo, Inc., Houston, TX

Courtland Keith, Vice President Cross Industry, StormGeo, Inc., Houston, TX

D4 Utilities Workshop

"Utility-Centric FEMA Public Assistance"

Thursday, June 17, 2021

Time: 3:30 pm to 5:00 pm

Location: Salon B (1st Floor)

For public utilities, those owned by government entities, and those owned by the customer (cooperatives), are eligible for federal reimbursement for certain expenditures, and mitigation projects. Recipients must adhere to the process policies established by FEMA to successfully be eligible for these funds.

Our speaker will discuss the FEMA Public Assistance Program, with an emphasis on Utility-centric considerations.

Moderator:

Anthony Hurley, MEP, CPP®, PCI®, PSP®, CPD, Critical Preparedness LLC

Speaker:

Gary LaForge

E4 Fire-Rescue/Law Enforcement Workshop

"Incident Command Post - Emergency Operations Center Interface - When They Become One"

Monday, June 17, 2021

Time: 3:30 pm to 5:00 pm

Location: St. Charles Ballroom (3rd Floor)

This would focus on the nationwide model with an EOC also functioning as an ICP and how to balance and perform both functions. A review to develop an effective interface between the Incident Command/Unified Command and the Emergency Operations Center by applying National Incident Management System principles to include developing ICS/EOC interface implementation strategies or action plans for your communities.

Moderator:

William Wagner III, Fire Chief (Retired), Islamorada, FL and Founder/CEO, Early Alert, Inc., Rome, GA

Speaker:

Bradley B. McLaughlin, Police Chief (Retired), Birmingham, AL

F4 Nonprofit Workshop

"Payments as a Lifeline - Funds to Survivors, Fast, Secure, Controlled for Spend, Fraud & Abuse"

Thursday, June 17, 2021

Time: 3:30 pm to 5:00 pm

Location: Salon A (1st Floor)

When disasters hit, while people need the food/water/shelter/supplies of donate items, they need money to be able to buy to fit their own specific needs, fix their homes, get their kids back into school, etc. However, there's long been challenges in delivering funds to people quickly and securely - especially to the 50mil+ underbanked in the US. There is a new financial services coalition (Payments as a Lifeline - PaaL) founded to help government, charities, and foundations deliver these funds to people - controlled for spend, fraud and abuse - with data to reduce their work in time and cost. Hear from the experts on what's real, what's fiction, and case studies from the trenches. Learn how government/charities/industry can all work together to be better prepared to help people rebuild their lives and communities faster.

Moderator:

Kirsten Trusko, Co-Founder, PaaL (PaaLPay.org)/CEO, Valkyrie (ValkyrieV.com)

Speakers:

Lori Breitzke, VP of Product Management Prepaid, FIS Global/Founding Member of PaaL

Darren Beyer, CSO and Co-Founder, Qolo (Qolo.io)/Founding Member of PaaL

Jim Alvey, VP, Good360 (Good360.org) & Resilient Response (Good360.org/resilient-response)/Advisory Council, PaaL

James Dean, Co-Founder, Payments as a Lifeline (PaaLPay.org)/CEO, True Course Advisory

G4 Recovery Workshop

"Privatization of EM Functions"

Thursday, June 17, 2021

Time: 3:30 pm to 5:00 pm

Location: Churchill AB (2nd Floor)

In 2020...EMAC fell short of meeting the mission objectives due to the unparalleled complexities of incidents in the nation. Over the past 10 years, states have been faced with unprecedented catastrophic events challenging the ability of state and local emergency management agencies to build and sustain critical emergency management functions. While the concept of the public-private partnership has long been practiced within the EM community, is it now time to consider offering the private sector a greater role in managing and assuming critical emergency management functions that are too costly for government to sustain on a long-term basis. Equipping the private sector in producing a scalable service would allow state and local government to have a greater flexibility in sustainable operations.

Moderator:

Teresa Carter, President, T Carter Consulting, LLC

Speaker(s):

Roy Dunn, Chief Operating Officer, CDR Maguire

Marty Senterfitt, VP of Operations, CDR Maguire