

Wednesday, March 31, 2010
NHC OPENING GENERAL SESSION

1:05 p.m.

Max Mayfield, Chair, National Hurricane Conference

1:20 p.m.

[Bill Read, Director, National Hurricane Center](#)

2:00 p.m.

Craig Fugate, Administrator, FEMA

2:30 p.m.

Lt. General Robert L. Van Antwerp, Chief of Engineers, USACE

3:00 p.m.

Coffee Break

3:30 p.m.

[David Halstead, Interim Director, Florida Division of Emergency Management](#)

4:00 p.m.

Joe Becker, Senior Vice President of Disaster Services, American Red Cross

4:30 p.m.

[Forrest Masters, University of Florida](#)

5:00 p.m.

[Phil Klotzbach & William Gray, Colorado State University](#)

5:30 p.m.

Adjourn

Thursday, April 1, 2010
NHC WORKSHOPS

Thursday Workshops

Engineering Track: A

A1 * Performance Lessons Learned & Coastal Flood Zone Sustainability

Moderator: Dr. Forrest Masters, Assistant Professor, Department of Civil and Coastal Engineering, University of Florida, Gainesville, FL

Vulnerability Assessment of Critical Facilities Exposed to Hurricanes: A Preliminary Protocol for Architects and Engineers

Thomas L. Smith, TlSmith Consulting, Inc.

Hugo + 20 Years: Where Do We Stand?

Christopher P. Jones, P.E.

An Analysis of the Impacts of Sea-Level Rise on Four Coastal Communities and Recommendations to Modify the NFIP and Building Codes

John Ingargiola, Senior Engineer, Building Science Branch, FEMA

Adam Reeder, P.E., PBS&J

Foundation Designs Required for Sustainability in Coastal Flood Zones

William L. Coulbourne, P.E., Applied Technology Council

A2 * Building Performance Research

Moderator:

William L. Coulbourne, P.E., Applied Technology Council, Rehoboth Beach, DE

Hurricane Wind-Driven Rain Ingress in Residential Buildings

Dr. Forrest Masters, Asst Prof, Department of Civil and Coastal Engineering, University of Florida, Gainesville, FL

Performance of Windows and Impact Protection Systems subjected to a Variety of Windborne Debris Impacts

Dr. Kurt Gurley, Assoc Prof, Department of Civil and Coastal Engineering, University of Florida, Gainesville, FL

Shingle Roofing Performance in Hurricanes Ike and Gustav

Dr. Zhuzhao Liu, Research Engineer, Institute for Business & Home Safety, Tampa, FL

Dr. Forrest Masters, Asst Prof, Department of Civil and Coastal Engineering, University of Florida, Gainesville, FL

Scott Tezak, Infrastructure Protection and Risk Assessment Team, URS Corporation, Boston, MA

Strength of Existing Buildings and the Merits of Retrofitting

Dr. David Prevatt, Asst Prof, Department of Civil and Coastal Engineering, University of Florida, Gainesville, FL

A4 * Critical Facilities after a Disaster

**Historical Performance of Critical Facilities Exposed to Hurricane Winds (1989-2008):
Lessons Learned and Opportunities for Improvement**

Thomas Lee Smith, AIA, RRC, CSI, TSmith Consulting, Inc., Rockton, IL

Assessing Emergency Power Needs

David Low, DK Low & Associates, LLC, Earlysville, VA

Conducting a Vulnerability Assessment of Hospitals

Scott Tezak, P.E., BSCP, Leader, Infrastructure Protection and Risk Assessment Team, URS Corporation

Utilities Track: A

A3 * Emergency Management Communication

Moderator:

Anne Ross, P.E., Town of Longboat Key, Longboat Key, FL

Speakers:

Stephen Weinert, Regional Communications Coordinator, DHS, National Communications System, Washington, DC

Dr. Alexis Kwasinski, Asst Prof, Dept of Electrical and Computer Engineering, University of Texas at Austin, Austin, TX

Evacuation Planning Track: B

B1 * Real-Time Monitoring and Feedback Systems

Moderator:

Don Lewis, PBS&J, Tallahassee, FL

Speakers:

Don Lewis, PBS&J, Tallahassee, FL

Rick Schuman, INRIX, Apopka, FL

Jerry Monier, Governor's Office of Homeland Security & Emergency Preparedness,
Baton Rouge, LA

Anthony Broom, Emergency Coordinating Officer, FDOT, Tallahassee, FL

B2 * Advances in Transportation Simulations Methods

Moderator/Speaker:

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

Speakers:

Don Lewis, PBS&J, Tallahassee, FL

Roberto Miquel, Wilbur-Smith Associates, Raleigh, NC

B3 * Communicating Hurricane Risk for Evacuation Decision Making

Moderator:

Dr. Jay Baker, Florida State University, Tallahassee, FL

Speakers:

Dr. Mike Lindell, Texas A&M University, College Station, TX

[Dr. Bob Meyer, University of Miami, Miami, FL](#)

Dr. Jeff Lazo, Director, Societal Impacts Program, National Center for Atmospheric
Research, Boulder, CO

[Chester Wilmot, Louisiana Transportation Research Center, LSU, Baton Rouge, LA](#)
[Ravindra Gudishala, Louisiana Transportation Research Center, LSU, Baton Rouge, LA](#)

B4 * Advances in Hazard Analysis Tools for Hurricane Evacuation Planning

Moderator/Speaker:

Jeff Alexander, Northeast Florida Regional Council, Jacksonville, FL

Speakers:

Richard Butgereit, GIS Administrator, Florida Division of Emergency Management,
Tallahassee, FL

Marshall Flynn, Tampa Bay Regional Planning Council, Pinellas Park, FL

Fire / EMS Track: C

C1 * The International Association of Fire Chiefs “Go” Teams – When Things are at Their Worst the IAFC Sends Its Best

Moderator/Speaker:

Rand Napoli, IEM, Inc, and FL State Fire Marshall (ret), Jacksonville, FL

Speaker:

Scott W. McGuff, Fire Chief, Oldsmar Fire Rescue, Oldsmar, FL

C2 * National SAR Manual – Catastrophic Search & Rescue Supplement: Federal & State Implementation

Moderator:

Carla Boyce, Manager, Response Division, IEM, Inc., Arlington, VA

Speakers:

Rick Button, Chair, National Search and Rescue Committee, United States Coast Guard, Washington, DC

Todd Livingston, Captain, St. Petersburg Fire & Rescue, St Petersburg, FL

C3 * Wide Area Search Operations & Integration of the United States National Grid-Based Field Tools

Moderator/Speaker:

Todd Livingston, Captain, St. Petersburg Fire & Rescue, St Petersburg, FL

Speakers:

Carla Boyce, Manager, Response Division, IEM, Inc., Arlington, VA

Scott Chappell, Florida State Fire College, Ocala, FL

C4 * Rescuer Health and Safety during Major Disasters

Speakers:

Debbie Hilliard, Battalion Chief, Cary Fire and Rescue Dept, Cary, NC

Yoko Sorensen, Captain, Cary Fire and Rescue Dept, Cary, NC

Health Care / Special Needs Track: D

D1 * FEMA Report-Out on Special Needs: Federal Policy – Regional Realities

Moderator/Speaker:

Marcie Roth, Senior Advisor on Disability, FEMA

Speaker:

Georgianne Cherry, Government Operations Consultant, FL Dept of Health, Kissimmee, FL

D2 * Extreme Care in Extreme Circumstances

Moderator:

George Tokesky, Senior Director of Community Relations, Hospice by the Sea, Boca Raton, FL

Speakers:

Paula J. Alderson, President & CEO, Hospice by the Sea, Inc., Boca Raton, FL

Elizabeth Selk, LMSW, Executive Director, Heritage Area Agency on Aging, Cedar Rapids, IA

Cindy Schoolmaster, Executive Director, The Cottages of Greenacres, Greenacres, FL

D3 * Advances in Special Needs Sheltering, including Sheltering for Companion Animals

Moderator:

Michael Weston, Disaster Consultant, Servision, Inc.

Speakers:

Dr. Kate McCarthy-Barnett, Center for Emergency Preparedness & Response, Rhode Island Department of Health

Lawrence Macedo, Rhode Island Emergency Management Agency

[Michele Meade, Deputy EM Coordinator, Brazos County Emergency Management, Brazos, TX](#)

[Christy Craft, RN, BSN, Special Medical Needs Shelter Coordinator, Mississippi State Department of Health](#)

[Karey Riddle, NREMT-B, Special Medical Needs Shelter Logistics Director, Mississippi State Department of Health](#)

D4 * Report from the National Summit on Emergency Management and Assistive Technology Reutilization

Moderator:

Elizabeth Davis, EAD & Associates, LLC

Speaker:

George A. Heake, Jr., Disaster Management and Response Coordinator, Institute on Disabilities, Temple University, Philadelphia, PA

Insurance and Utilities Track: E

E1 *Perspectives on a National Disaster Fund: The Homeowners Defense Act

Moderator:

Blain Rethmeier, American Insurance Institute

Protecting America: The Need for a Public-Private Partnership in Natural Catastrophe Insurance

John Forney, Managing Director of Public Finance, Raymond James & Associates, Inc., St. Petersburg, FL

Private Market Implications for a National Catastrophe Fund

Dr. Robert Detlefsen, VP, National Association of Mutual Insurance Companies, Indianapolis, IN

Dr. Robert Meyer, Dept of Marketing, University of Miami, Miami, FL

E2 * Hurricanes as Teachers: Lessons Learned to Minimize Future Losses

Moderator:

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

Hurricane Ike Study and Building to Higher

Dr. Tim Reinhold, Senior VP of Research and Chief Engineer, Institute for Business and Home Safety, Tampa, FL

National Flood Insurance Program

Deborah Ingram, Director, Risk Reduction, FEMA Mitigation Directorate, Washington, DC

Biggest Mistakes People Make with Insurance Coverage

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

E3 * Who's Gonna Pay When My House Blows Away? The Capacity of Insurers to Pay Catastrophic Claims

Moderator:

Lynne McChristian, Insurance Information Institute

Speaker:

[Dr. Charles Nyce, Assoc. Director, Florida Catastrophic Storm Risk Management Center, Florida State University, Tallahassee, FL](#)

Utilities E4 *Using GIS for Utility Protection and to Expedite Recovery after a Hurricane

Moderator:

Anne Ross, P.E., Town of Longboat Key, Longboat Key, FL

Speakers:

Steve Henderson, Geographic Info System Coordinator, Info Systems Division, Gulf Shores, AL

Manatee County GIS (invited)

Mitigation Track: F

F1 * The Maze of Hazard Mitigation: 404 and 406 Hazard Mitigation

Moderator:

W. Sam Winningham, Operations Planner, FEMA Region IV, Tallahassee, FL

Speakers:

Manuel Perotin, P.E., Program Manager, PBS&J, Tampa, FL

Robert Zarate, Project Officer, CDM Federal Programs, Northglenn, CO

F2 * Understanding the Unified Hazard Mitigation Program

Moderator:

Miles E. Anderson, Hazard Mitigation Officer, Florida Dept of Emergency Management, Tallahassee, FL

Speakers:

[Shabbar Saifee, Chief, Grants, Data Analysis & Tools Branch, Risk Reduction Division, FEMA Headquarters, Washington, DC](#)

F3 * The Role of Hazard Mitigation in Gulf Coast Recovery: Success and Challenges

Moderator:

Stephen Pratt, Recovery Specialist, James Lee Witt Associates, Baton Rouge, LA

Speakers:

D. Casey Levy, Hazard Mitigation Officer, State of Louisiana, Baton Rouge, LA

[Robert "Bob" Boteler, Hazard Mitigation Officer, State of Mississippi, Pearl, MS](#)

Greg Pekar, Hazard Mitigation Officer, State of Texas, Austin, TX

F4 * Hazard Mitigation Planning: Updating State and Local Mitigation Plans

Moderator:

Alessandra Jerolleman, Senior Hazard Mitigation Planner, James Lee Witt Associates

Speakers:

Linda L. Byers, Planning Lead Specialist, Mitigation Division, Risk Analysis Branch, FEMA Region IV, Atlanta, GA

Pat Schaffer, Senior Community Planner, DHS-FEMA Region 6, Denton, TX

Sheltering / Mass Care Track: G

G1 * Mass Care Emergency Assistance Planning During a Pandemic

Moderator/Speaker:

[Peggy Mott, MASS Care/Emergency Assistance Unit, FEMA, Washington, DC](#)

Speaker:

[Pamela A. Spring, LCSW-C, Director, Emergency Ops Unit, Department of Human Resources, Baltimore, MD](#)

[Miguel A. Cruz, MPH, Lt. Commander, Centers for Disease Control and Prevention, Atlanta, GA](#)

[Catherine Kane, Special Rep, Government Ops, American Red Cross Disaster Services, Washington, DC](#)

G2 * Children in Disasters: Ensuring Needs are Met

Moderator: [Lynn Crabb, Director, Mass Care, American Red Cross National Headquarters, Washington, DC](#)

Speakers:

[Bruce Lockwood, CEM, Canton, CT](#)

[Judy Bezon, Associate Director, Children's Disaster Services, New Windsor, MD](#)

Jeanne-Aimee deMarras, Director, Domestic Emergencies Unit, Save the Children, Westport, CT

G3 * Frameworks for Public-Private Partnerships in Delivering Mass Care

Moderator:

Carlos J. Castillo, Washington Federal Practice, PricewaterhouseCoopers, McLean, VA

Speakers:

Nancy Brockaway, Chief Emergency Services Officer, American Red Cross, Atlanta, GA

Don Bonchack, Donations Specialist, FEMA

Daniel Craig, President, Tidal Basin Government Consulting and Chair, Disaster Recovery Contractors Assn.

G4 * Sheltering as a Community

Moderator:

Michael Whitehead, State Emergency Support Function #6, State of Florida

Enhancing the Community within the Shelter

Patrick Knapp, Crisis Management Team Manager, Baker-Hughes, Inc.

Social Organization of a Shelter

Jane A Kushma, Ph.D., Assoc Prof, Institute for Emergency Preparedness, Jacksonville State University

What Support Services are Needed at Shelters Post Landfall? LA State Sheltering Standards and Contracts

Kristy Nichols, Secretary, Louisiana Department of Social Services

Meteorology Track: H

H1 * Hurricane Forecasting

Moderator:

Eric Blake, National Hurricane Center, Miami, FL

[To Be or Not to Be a Tropical Cyclone – That is the Question](#)

[Dr. Jack Beven, Senior Hurricane Specialist, National Hurricane Center, Miami, FL](#)

[Track: The Official Forecast and Its Uncertainty](#)

[James Franklin, Branch Chief, Hurricane Specialist Unit, National Hurricane Center, Miami, FL](#)

[Intensity and Size](#)

[Dr. Lixion Avila, Senior Hurricane Specialist, National Hurricane Center, Miami, FL](#)

[Potential Improvements to Hurricane Models](#)

[Dr. Richard Pasch, Senior Hurricane Specialist, National Hurricane Center, Miami, FL](#)

H2 * Communicating Tropical Cyclone Hazards

Moderator:

Dr. Richard Knabb, Director of Operations, Central Pacific Hurricane Center

[**WFO Impact \(Hazard\) Graphics**](#)

[David Sharp, Science Operations Office, National Weather Service, Melbourne, FL](#)

[**The New Saffir-Simpson Hurricane Wind Scale**](#)

[Dr. Chris Landsea, Science Operations Officer, National Hurricane Center, Miami, FL](#)

[**NHC's Collaboration with the Media**](#)

[Dennis Feltgen, Public Affairs Officer, National Hurricane Center, Miami, FL](#)

[**Hurricane Liaison Team: Communicating with Federal and State Emergency Management Partners**](#)

[Matthew Green, Hurricane Liaison Team Manager, FEMA/DHS, Miami, FL](#)

H3 * Hurricane Products

Moderator:

Richard Pasch, Senior Hurricane Specialist, National Hurricane Center, Miami, FL

[**What Does the Cone Really Represent?**](#)

[Eric Blake, Hurricane Specialist, National Hurricane Center, Miami, FL](#)

[**How Can NHC Wind Speed Probabilities Help You?**](#)

[Dr. Michael Brennan, Senior Hurricane Specialist, National Hurricane Center, Miami, FL](#)

[**What's New from NHC in 2010?**](#)

[Robbie Berg, Hurricane Specialist, National Hurricane Center, Miami, FL](#)

[**What's Next from NHC?**](#)

[Daniel Brown, Senior Hurricane Specialist, National Hurricane Center, Miami, FL](#)

H4 * Storm Surge Forecasting and Warnings"

Moderator:

Wilson Shaffer, Chief, Evaluation Branch, Meteorological Development Lab, National Weather Service

[**NHC Operational Forecasts and Warnings**](#)

[Jamie Rhome, Storm Surge Specialist/Team Lead, National Hurricane Center](#)

[New SLOSH Tools and Products](#)

[Arthur Taylor, Physical/Computer Scientist, Meteorological Development Lab, National Weather Service](#)

[Looking Ahead: NOAA's Storm Surge Vision](#)

[Jesse Feyen, NOAA Storm Surge Portfolio Manager, Coast Survey Development Lab, NOAA](#)

Public Education / Media: Track: I

I1 * The Great Hurricane Blowout: Hurricane Preparedness Through Edu-tainment and Risk Communications

Moderator/Speaker:

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

Speakers:

Overview of Edu-tainment Approach to Risk Communication

Leslie Chapman-Henderson

How Celebrities are Making the Great Hurricane Blowout Possible

Donna Lee, CEO, Plan It Now, Santa Barbara, CA

HS2010: The Great Hurricane Blowout...A New Way of Promoting Preparedness

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

The Floodsmart Program: A Case Study in Successful Risk Communication

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

I 2 * "On the Air": How the Media Operates During a Disaster

Moderator:

Greg Padgett, Sr. Planner, Public Affairs Specialist, Tetra Tech, EM, Inc., New Madrid Seismic Zone Project, FEMA Region IV

Media Factors in Covering the Big Storm

Dr. Steve Lyons, The Weather Channel, Atlanta, GA

How the Florida News Network Covers the Big Storm

Jim Poling, Director of Operations, FNN, Maitland, FL

New Methods of Covering Hurricanes

Bryan Norcross, Director of Meteorology, WFOR-TV/CBS4, Miami, FL

An Explanation of How TV Stations Cover Major Hurricanes

Tammie Souza, Meteorologist, WTSP TV 10 Connects, St Petersburg, FL

I3 * Continuity/Disaster Planning for the Media

Moderator:

Greg Padgett, Sr. Planner, Public Affairs Specialist, Tetra Tech, EM Inc, New Madrid Seismic Zone Project, FEMA Region IV

Disaster – COOP Planning

Pat Roberts, President, Florida Association of Broadcasters, Tallahassee, FL

An Example of a Media Disaster Plan

Jeff Day, Chief Meteorologist, Central Florida News 13, Orlando, FL

Working with EMA to Reduce Impacts

Preston Cook, Orange County Office of Emergency Management, Winter Park, FL

Steve Triggs, Communications Director, Orange County Florida, Orlando, FL

I4 * Bridging the Gap: How Do We More Effectively Communicate?

Moderator/Speaker:

Tom Iovino, Communications Specialist, Pinellas County Communications Department, Clearwater, FL

Power to the Pipsqueaks: Teaching Preparedness to Children

Tom Iovino

[If You Like Twitter or Facebook, You'll Really Like This – A Map-Based Social Networking Platform Designed Especially for Emergency Response](#)

[Neeraj Mankar, Ph.D., Manager, IT Systems, IEM, Baton Rouge, LA](#)

[Helping the Public Understand Meteorological Products and Warnings](#)

[Dr. Lori Drake, Hurricane Roadmap Project, Dublin, CA](#)

[Public Outreach to the Evacuating Resident Begins before the Storm: Florida's 511](#)

[Mike Wacht, Assistant Project Manager, Outreach, 511 Project, Global 5 Communications, Longwood, FL](#)

Recovery Track: J

J1 * Taking Responsibility: How States are Changing the Dynamics of Long-Term Recovery Efforts through the Establishment of Recovery Coordination Offices

Moderator/Speaker:

Andrew Sachs, Vice President for Crisis & Consequence Management, James Lee Witt Associates

Speakers:

Paul Rainwater, Executive Director, Louisiana Recovery Authority

General Ron Dardis, Executive Director, Rebuild Iowa Office

J 2 * The Federally Funded Disaster Case Management Program

Moderator/Speaker:

Bao H. Le, Disaster Assistance Directorate, FEMA, Washington, DC

Speaker:

Jim Davis, HHS, Administration for Children and Families

J3 * National Disaster Housing Solutions

Moderator/Speaker:

Joel Pirrone, FEMA Recovery Directorate, Washington, DC

Speakers:

David Ledet, Member of FEMA's Joint Housing Solutions Group, Hagerty Consulting

Naomi Johnson FEMA Joint Housing Solutions Group, Washington, DC

Randall Kinder, FEMA Joint Housing Solutions Group, Washington, DC

J4 * State-Led Disaster Housing Task Force

Moderator/Speaker:

Rafaela Monchek, FEMA/DHS, Washington, DC

Speakers:

Don Griffin, Senior Program Manager, Disaster Assistance Division, Federal Regional Center, Thomasville, GA

Response Track: K

K1 * Building an Incident Management Team

Moderator:

Joe Wright, Central Branch Manager, NC Division of Emergency Management, Butner, NC

[Planning for and Training an IMT](#)

[Robert "Chip" Patterson, Director, Coxwell Disaster Recovery Services, Jacksonville, FL](#)

[**Equipping an IMT**](#)

[Laurie Feagans, Director, Manatee County Emergency Management, Bradenton, FL](#)

K2 * Continuity of Operations Requirements

Moderator: Mike Cook, Western Branch Manager, NC Division of Emergency Management, Conover, NC

[**Effective Continuity Planning**](#)

[Joe Knowles and Dan Murcock, FEMA Region IV, Atlanta, GA](#)

[**Establishing and Equipping an Alternate EOC**](#)

[Don Hall, Deputy Director, Duval County Emergency Preparedness, Jacksonville, FL](#)

[**Sustainable Communications Capabilities**](#)

[Christopher Boyd, Communications Architect, Incident Communications Solutions, Raleigh, NC](#)

K3 * Military Support of Civil Authorities during Natural Disasters

Moderator:

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

[**The Unique Role of the NCNG**](#)

[Col Randolph Staudenraus, Director, Current Operations, National Guard Bureau, Arlington, VA](#)

[**Interface with Civilian Authorities**](#)

[Tim Russell, Deputy Director, Future Operations, US Northern Command, Colorado Springs, CO](#)

[**Policy and Oversight of Domestic Crisis Response**](#)

[Tom LaCrosse, Director, Defense Support of Civil Authorities, Office of Asst Sec of Defense, Springfield, VA](#)

K4 * Designated Shelters for Emergency Responders

Moderator: Mark Brown, Eastern Branch Manager, NC Division of Emergency Management, Kinston, NC

[**Planning for an Emergency Responder Shelter**](#)

[John Wilson, Director, Lee County Public Safety, Emergency Management, Fort Myers, FL](#)

Friday, April 2, 2010
NHC CLOSING GENERAL SESSION

8:30 a.m.

Panel Discussion: “Is Better, More Accurate Hurricane Forecasting Being Negated by Better Hurricane Risk Identification?”

Moderator: John Wilson, Vice Chair, National Hurricane Conference

Panelists:

[Bill Read, Director, National Hurricane Center](#)

[Brock Long, Director, Alabama Emergency Management Agency](#)

[Doug Hoell, Jr., Director, North Carolina Division of Emergency Management](#)

10:00 a.m.

Coffee Break

10:30 a.m.

Panel Discussion by Former FEMA Directors

Moderator: Bill Proenza, Regional Director, National Weather Service Southern U.S.

Panelists:

David Paulison (FEMA -- 2005-2009)

Joe M. Allbaugh (FEMA -- 2001-2003)

James Lee Witt (FEMA -- 1993-2001)

12:00 Noon

Conference Adjourns