

# 66<sup>th</sup> Interdepartmental Hurricane Conference

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**Tropical Cyclone Operations and Research:  
Strength and Success Through Partnerships and Alliances**

**March 5 – 8, 2012**

# Conference Opening

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**Mr. Samuel P. Williamson**  
**Federal Coordinator for Meteorology**

**66<sup>th</sup> Interdepartmental Hurricane Conference**

*“Tropical Cyclone Operations and Research:  
Strength and Success Through Partnerships and Alliances”*

**Sponsored and hosted by:**

**The Office of the Federal Coordinator for  
Meteorological Services and Supporting Research**

# Welcome / Opening Remarks

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**The Honorable Joseph P. Riley, Jr.  
Mayor, City of Charleston**



***66<sup>th</sup> Interdepartmental Hurricane Conference***



# Introductory Comments

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**Mr. Samuel P. Williamson**  
**Federal Coordinator for Meteorology**

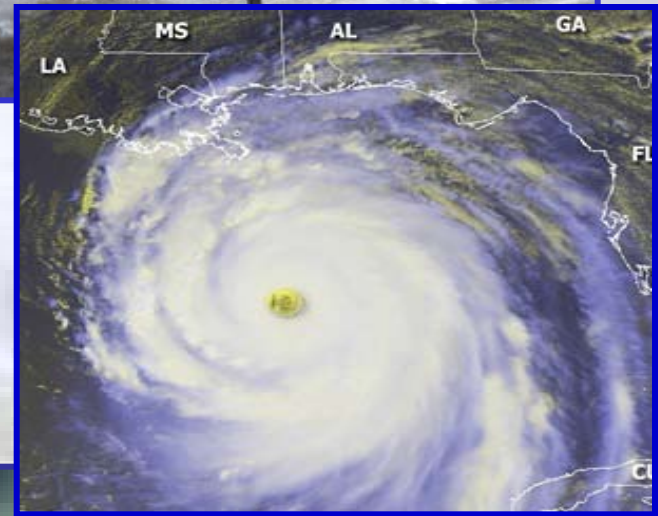
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# Reminder of Why Are We Here

- **Continue to exchange information to ultimately aid in improved services to help prevent loss of life and injuries**
  - **Minimize the nation's vulnerability to nature's most destructive forces**
  - **Enable a strong homeland defense through a safe overseas presence**
- **Build upon synergies/collaboration in the tropical cyclone community**



# Conference Objectives

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- Recognize promising research results and key partnerships that address near-term opportunities
- Recognize Joint Hurricane Testbed projects ready for transition from research into operations



- Explore other research and development opportunities that promote immediate improvements in forecasting and understanding of TCs and their associated affects
- Review Nation's tropical cyclone forecasting & warning program
  - Address actions from previous IHCs
  - Update the National Hurricane Operations Plan for 2012
- Review hurricane response and communications strategies to improve stakeholder and user reactions

# Conference Agenda

## This Afternoon

**1:05 PM – 1:20 PM**

**Invited Speaker - Dr. David Parsons**

**Director, School of Meteorology, University of Oklahoma**

**1:20 PM – 2:30 PM**

**Senior Leader Panel**

**Partnerships – The Key to Tackling Critical Challenges  
in Tropical Cyclone Operations and Research**



# Conference Agenda

## This Afternoon & Into The Evening

**3:15 PM – 4:00 PM**

**View of Working Group for Tropical Cyclone Research  
(WG/TCR)**

**4:00 PM – 6:00 PM**

**The 2011 Tropical Cyclone Season in Review**

**6:30 PM – 8:30 PM**

**Poster Session/Ice Breaker  
Gold Ballroom  
*(cash bar and hors d'oeuvres)***

# Conference Agenda

**Day 2 – Tuesday, 6 March**



**8:05 – 8:20 AM  
Invited Speaker**

**Dr. Michael C. Morgan**

**Director, Division of Atmospheric and  
Geospace Sciences,  
National Science Foundation**

**8:20 AM – 5:30 PM**

**Joint Hurricane Testbed Project Updates, Parts 1 & 2  
Advances in Storm Surge Predictions  
Observations & Observing Strategies for TCs.....Part 1**

# Conference Agenda

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## Day 3 – Wednesday, 7 March

**8:00 AM – 4:45 PM**

**Observations & Observing Strategies for TCs.....Part 2  
TC Model Development & Technology Transfer, Parts 1 & 2  
Other Research to Improve the Prediction of TCs.....**

**4:45 PM – 5:00 PM**

**Invited Speaker - Mr. Brad Rippey  
USDA, Office of the Chief Economist**

# Wednesday Evening - Conference Banquet

## COLONIAL ROOM

**6:30 PM**

**Cash Bar Open**

**7:00 PM**

**Banquet Starts**



**7:45 PM Banquet Address - Mr. Bill Walsh**

**Lead Meteorologist, Channel 5 WCSC (CBS), Charleston, SC**

**8:15 PM Hagemeyer Award Presentation - Mr. Raymond Tanabe**

**Director, Central Pacific Hurricane Center/Honolulu WFO**

# Conference Agenda

## Day 4 – Thursday, 8 March

### **“Effective Communications: An Important Key to Saving Lives”**

**8:15 AM – 8:30 AM**

**Invited Speaker - Mr. David Jones  
President & CEO, StormCenter Communications Inc.**

**8:30 AM – 9:25 AM**

**Panel 1 - Effective Communications  
Are They Hearing What We're Saying?**

**9:25 AM – 10:20 AM**

**Panel 2 - Effective Communications  
Will They Respond in the Intended Way?**



# Conference Agenda

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**Day 4 – Thursday, 8 March**

**Final Plenary Session**

**10:50 AM – 12:00 PM**

**WG/HWSOR: Action Item Review  
Effective Communications and  
Social Science Research Results  
Conference Wrap-up  
Final Wrap-Up  
Adjourn**

# Conference Logistics

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**Conference Chair: Mr. Samuel P. Williamson**

<b>Conference Technical Director</b>	<b>Ms. Sabrina Taijeron Col Bill Carle</b>
<b>Media Coordinator</b>	<b>Ms. Sabrina Taijeron Col Bill Carle</b>
<b>Conference Coordinator for Logistics</b>	<b>Ms. Erin McNamara</b>
<b>Audiovisual Specialist</b>	<b>Mr. Ken Barnett</b>
<b>Registrars</b>	<b>Ms. Erin McNamara Gale Peek Linda Hamalak</b>
<b>Session Coordinators</b>	<b>Col Bill Carle Dr. Daniel Melendez Mr. Frank Alsheimer Mr. Robert Bright Dr. Mike Farrar Ms. Maria Pirone Dr. Paul Try</b>

# Conference Logistics

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**Ms. Sabrina Taijeron**



**Ms. Erin McNamara**



# Invited Speaker

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**Dr. David B. Parsons**  
**Director, School of Meteorology,**  
**University of Oklahoma**

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# Senior Leader Panel

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## *Partnerships – The Key to Tackling Critical Challenges in Tropical Cyclone Operations and Research*

### **Moderator:**

- **Mr. Bryan Norcross, The Weather Channel Hurricane Specialist**

### **Panelists:**

- **Rear Admiral David Titley, Assistant Deputy CNO for Information Dominance**
- **Dr. Fred Lewis, Director, Director of Air Force Weather**
- **Dr. Jack Kaye, Associate Director and Research and Analysis Lead, Earth Science Division, National Aeronautics and Space Administration**
- **Mr. David B. Caldwell, Director, Office of Climate, Water and Weather Services, National Weather Service**



# Federal Agency Lead Reps

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**NOAA** Mr. David Caldwell  
Director, Office of Climate, Water, and  
Weather Services, NWS

**Navy** Rear Admiral David Titley  
Assistant Deputy CNO for Information  
Dominance

**Air  
Force** Dr. Fred Lewis  
Director of Air Force Weather  
HQ Air Staff

**DOI** Mr. Robert Mason  
Deputy Chief, Office of Surface  
Water, USGS

**DOT** Mr. John Mineo  
FAA Manager, Oceanic & Offshore  
Operations

**DHS** Mr. Montague Winfield  
FEMA Federal Coordinating Office

**NSF** Dr. Michael Morgan  
Director, Division of Atmospheric and  
Geospace Sciences

**Army** Mr. Bill Birkemeier  
Field Data Collection Program  
USACE Field Research Facility

**NASA** Dr. Jack Kaye,  
Associate Director and Research and  
Analysis Lead, Earth Science Division

**USDA** Mr. Brad Rippey  
Office of the Chief Economist  
Weather and Climate

# Ground Rules

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- **Questions welcomed...time permitting**
- **Significant agency issues worked through lead agency reps**
  - **User community & agency reps are welcome to raise issues for discussion during Q&A periods**
- **Significant issues reviewed daily at OFCM staff meeting**
  - **Results of discussions and any action items**
    - **Summarized during the Final Plenary Session**

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# **Afternoon Break**

**(2:45 – 3:15 PM)**



# Session 1a

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**Coordinator: Colonel Bill Carle, OFCM**

***2011 View of Working Group for Tropical Cyclone  
Research (WG/TCR)  
(3:15 PM – 4:00 PM)***

## **Session Leaders**

**Dr. Frank Marks (NCEP/NHC)**

**Dr. Ron Ferek (ONR)**

# Session 1b

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**Coordinator: Colonel Bill Carle, OFCM**

***The 2011 Tropical Cyclone Season in Review***  
**(4:00 PM – 6:00 PM)**

## **Session Leaders**

**Mr. James Franklin (NCEP/NHC)**

**Mr. Max Mayfield (Channel 10, WPLG-ABC)**



# Poster Session/Ice Breaker

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**6:30 PM – 8:30 PM**

**Location - Gold Ballroom**

**2<sup>nd</sup> floor**

***(cash bar and hors d'oeuvres)***

