

Severe Storms - Impact & Disaster Response in Gulf Coast Communities

Day One: March 15, 2006

I. Introduction to Coastal Hazards

8:30	8:40	Sallie Keller-McNulty	Rice University	Welcome
8:40	9:05	Philip Bedient	Rice University	Severe Storms impact on the Gulf Coast
9:05	9:30	Bill Read	NOAA NWS	Rita and Katrina - Lessons that should have been learned

II. Impacts to the Gulf Coast

9:30	9:50	Baxter Vieux	University of Oklahoma	Advanced tools for hydrologic storm prediction
9:50	10:10	Ivor van Heerden	Louisiana State University	Hurricane Katrina: Lessons learned and the path forward
10:10	10:30	Charles Williams	Shell Oil	Gulf Oil response to Katrina

10:30	10:45	BREAK		
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III -A. Risk Characterization

Concurrent Session

10:45	11:05	Jesper Kjelds	Danish Hydraulic Institute, Denmark	Using GIS based data management and modeling systems for flood preparedness and early flood warning
11:05	11:25	Clint Dawson	University of Texas	Hurricane Storm Surge Modeling in Texas and Louisiana with the ADCIRC Hydrodynamic Model
11:25	11:40	Ria Safiolea	Rice University	Radar rainfall analysis of the spatial/temporal urban impacts in Whiteoak watershed

III -B. Risk Characterization

Concurrent Session

10:45	11:05	Hanadi Rifai	University of Houston	Houston Bayous: Issues and Concerns
11:05	11:25	John Pardue	Louisiana State University	Chemical and microbiological characteristics of Katrina
11:25	11:40	Jude Benavides	University of Texas at Brownsville	Hurricane Emily and Brownsville's Near-Miss: Flood Risk Management Issues along the Gulf Coast near the U.S. / Mexico Border

11:45	13:30	Goode Co. BBQ LUNCH		
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13:00	13:30	Frank Billingsley	KPRC, Chief Meteorologist	Hurricanes as news
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IV-A. Climate Change Impacts

Concurrent Session

13:30	14:00	Virginia Burkett	USGS National Wetlands Research Center	Assessment of potential impacts of climate change and variability on Gulf Coast transportation
14:00	14:30	Barry Keim	Louisiana State University	Hydroclimatology of the U.S. Gulf Coast region under global warming
14:30	15:00	David Butler	University of Exeter, England	Risk and response to severe storms in UK cities

IV-B. Advanced Technology

Concurrent Session

13:30	14:00	Francisco Olivera	Texas A&M	Estimation of areal reduction factors using NEXRAD data
14:00	14:30	Bart Standley	Michael Baker Corporation	Geospatial process for disaster response and recovery
14:30	15:00	Gordon Wells	University of Texas	Decision Support for Hurricane Response in the Texas State Operations Center

15:00	15:30	BREAK		
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V. Private & Public Responses to Disasters

15:30	16:00	Charles Penland & Bill Wheeler	Walter P. Moore & Texas Medical Ctr.	Were we ready?
16:00	16:30	Stephen Klineberg	Rice University	Public perceptions of the impact on Houston of the Katrina evacuees
16:30	17:00	Robert Stein	Rice University	Sources of information and the decision to evacuate during a natural disaster

Day Two: March 16, 2006

VI. Past Lessons from Evacuations

9:00	9:30	Brian Wolshon	Louisiana State University	Plan Development and Traffic Impacts Resulting from the Katrina Evacuation
9:30	10:00	Andy Ballard	TX Transportation Institute	Traffic Operation Practices for Hurricane Evacuation
10:00	10:30	Jerry Mohn	American Shore & Beach Preservation Association	The American Beach and Shore Preservation Association and the Texas Chapter

10:30	10:45	BREAK		
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VII. Impacts to the Gulf Coast

10:45	11:15	Michael Talbott	Harris County Flood Control District	In Nature's Sites: Understanding Our Flooding
11:15	11:45	Andrew Yung	Dodson & Associates, Inc.	High & Dry: Thinking outside the box
11:45	12:15	James Thompson	TCB	Evolving storm water management practices in urban environments

12:15	13:15	LUNCH		
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VIII. Panel Discussion - Moderator: Charles Penland (Walter P. Moore)

13:15	13:25	Terry Moore	COH Office of Emergency Management	Preparation for Hurricane Rita and lessons learned
13:25	13:35	Jeff Taylor	COH Public Utilities Division	
13:35	13:45	Edward Russell	CenterPoint Energy	
13:45	13:55	James Thompson	TCB	
14:05	14:15	Michael Talbott	Harris County Flood Control District	
14:15	15:00	Questions / Answers		