



A Policy Forum: Building America's Resilience to Hazards
December 19-21, 2005
Developed by the AMS Policy Program
in collaboration with the
Space Enterprise Council,
U.S. Chamber of Commerce



Policy Study Series Underwriters



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American Meteorological Society

U.S. Chamber of Commerce
1615 H Street NW
Washington, DC

(All events will be held at the U.S. Chamber of Commerce, except for the Monday evening dinner.)

PROGRAM

Monday – December 19, 2005

(All events on Monday will be held in the International Hall of Flags, unless otherwise stated.)

0730 Continental Breakfast

0830 Opening Remarks/Forum Overview: William H. Hooke, Director, AMS Policy Program

0840 Katrina Overview: **Dr. Shirley Laska**, Director of the Center for Hazards Assessment, Response, and Technology (CHART), and Professor of Sociology at the University of New Orleans

0910 Discussion

0920 Panel for Questions 1&2 (Plenary Session): (moderator, **Margaret Davidson**, Director, NOAA Coastal Services Center)

- For years, even decades, experts have seen this disaster coming, not just in broad terms, but in some detail. *Why were these warnings unheeded?*
- The Katrina scenario is not unique. Many other cities and regions of the United States face natural hazards and future calamities of comparable or greater consequence, which are just as inevitable. *What can and should be done to lessen both the scope and impact of these slowly brewing disasters?*

Panelists, representing diverse perspectives, will set the stage for plenary and breakout discussion of these issues by Forum participants.

Ms. Pam Pogue, CFM, Rhode Island Emergency Management Agency, and Chair, Association of State Floodplain Managers

Dr. Gerald E. Galloway, Glenn L. Martin Professor of Engineering, and Affiliate Professor of Public Policy, University of Maryland, Brigadier General, US Army (retired)

Dr. Howard Kunreuther, Co-Director, Risk Management and Decision Processes Center, and Cecilia Yen Koo Professor of Decision Sciences and Business and Public Policy, the Wharton School, University of Pennsylvania

Dr. Scott Barrett, Professor and Director of International Policy, School of Advanced International Studies, Johns Hopkins University

1025 Break

1045 Plenary Discussion of Question 1; Initial Thoughts on Question 2

In this opening plenary discussion, participants will first have 5-15 minutes to ask panelists to make points of clarification

1200 Lunch – Lunch is catered, and is being held in the International Hall of Flags

1330 A Hazard-Resilient Nation: Putting Earth Observations to Work for America (William H. Hooke, moderator)

The Honorable Conrad C. Lautenbacher, Vice Admiral, U.S. Navy (Ret.), Under Secretary for Oceans and Atmosphere, and NOAA Administrator, US Department of Commerce

Dr. P. Patrick Leahy, Acting Director, U.S. Geological Survey

Prof. José Achaché, Director, Group on Earth Observations Secretariat

1500 Break

1515 Breakout Session – preliminary findings and recommendations for question 2 will be discussed

Group 1 - Room - International Hall of Flags

Moderator: Rick Murnane, Risk Prediction Initiative, Bermuda Biological Station for Research

Group 2 - Room – RJR

Moderator: Ollie Davidson, Center for Corporate Citizenship, US Chamber of Commerce

Group 3 - Room - 3M

Moderator: Ed Thomas, Michael Baker, Inc.

1630 Plenary discussion of findings and recommendations for Questions 1&2

1700 Break

1830 Reception and Dinner – The reception, dinner and evening panel will be held at the Army and Navy Club on 901 17th Street, NW, Washington, DC 20006

Dinner Panel: Perspectives on Emerging Insurance Issues

Mr. Dean Pappas, Allstate Insurance Company

Mr. Frank Nutter, President, Reinsurance Association of America

Mr. Bill Poutsiaka, former CEO, Arkwright Mutual Insurance Company (Factory Mutual)

2000 Adjourn for the day

Tuesday – December 20, 2005

(All events on Tuesday will be held in the International Hall of Flags, unless otherwise stated.)

0800 Continental Breakfast

0815 Preliminary Remarks William H. Hooke, AMS Policy Program

0830 Panel for Question 3 (Plenary Session): (moderator, **Dr. John R. Harrald**, Director, Institute for Crisis, Disaster, and Risk Management, the George Washington University)

- On a short time frame – the few days immediately before, during, and just after Katrina’s landfall – many decision makers and policy officials operated in an information deficit. *What actions are needed to build the decision support infrastructure required for emergency response and recovery on this scale?*

Panelists, representing diverse perspectives, will set the stage for plenary and breakout discussion of these issues by Forum participants.

Mr. Robert H. Brumley, TerreStar Network, Inc.

Dr. Andrew Clark, President, Harris Maritime Communication Services

Mr. Brent Woodworth, CDRP, EMS, Worldwide Manager, IBM Crisis Response Team

Mr. Steve Fernandez, Leader, Energy and Infrastructure Analysis Team, Los Alamos National Laboratories

0945 Break

1000 Breakout Session - Findings and recommendations for question 3 will be discussed

Group 1 - Room - International Hall of Flags

Moderator: Rick Murnane, Risk Prediction Initiative, Bermuda Biological Station for Research

Group 2 - Room – RJR

Moderator: Ollie Davidson, Center for Corporate Citizenship, US Chamber of Commerce

Group 3 - Room - 3M

Moderator: Ed Thomas, Michael Baker, Inc.

1130 Plenary discussion of findings and recommendations for Questions 3

1230 Lunch

1330 Panel for Question 4 (Plenary Session) (moderator, **George Haddow**, Adjunct Professor, Institute for Crisis, Disaster, and Risk Management, the George Washington University)

- Private enterprise – both the large corporations and the small businesses in this region – represented not only a major vulnerability (hundreds of thousands in the region lost their jobs; worldwide, energy prices spiked; international access to U.S. grain exports was interrupted), but also a great, largely untapped asset for rebuilding and recovery, and for a host of disaster reduction actions far prior to any catastrophe. *In the short run, how can private enterprise best be given the tools it needs to rebuild? Over the longer term, how can the private sector engage more fully, and more effectively, in disaster prevention, preparedness, and recovery actions nationwide?*

Panelists, representing diverse perspectives, will set the stage for plenary and breakout discussion of these issues by Forum participants.

Mr. Steve Jordan, Vice President and Executive Director for the Center for Corporate Citizenship,
U.S. Chamber of Commerce

Elliott Mittler, Consultant, Natural Hazards and Public Policy

Dr. Debra S. Knopman, Vice President and Director, RAND Infrastructure, Safety, and
Environment

1430 Breakout Session - Findings and recommendations for question 4 will be discussed

Group 1 - Room - International Hall of Flags

Moderator: Rick Murnane, Risk Prediction Initiative, Bermuda Biological Station for Research

Group 2 - Room – RJR

Moderator: Ollie Davidson, Center for Corporate Citizenship, US Chamber of Commerce

Group 3 - Room - 3M

Moderator: Ed Thomas, Michael Baker, Inc.

1600 Plenary discussion of findings and recommendations for Questions 4

1700 Adjourn for the day

Wednesday – December 21, 2005

(All events on Wednesday will be held in the International Hall of Flags.)

0800 Continental Breakfast

0815 Preliminary Remarks William H. Hooke, AMS Policy Program

0830 Plenary Discussion on Findings and Recommendations

1015 Break

1030 Actions and Next Steps

Participants will discuss and devise a plan to implement the Forum recommendations. This plan could include a list of targeted report recipients, public outreach events, publication opportunities, and other additional follow on events and seminars. The implementation of this report is critical if we are to improve the response for the next natural disaster. In many ways, the implementation of the report is the most important part of this process.

1200 Closing Remarks William H. Hooke

1215 Adjourn