

Final Program

8:30 a.m. Welcome Remarks

C. Vipulanandan (Vipu), Professor and Director of THC-IT, University of Houston

B. Callegari, State Representative, District 132, Katy, Texas

Session I: (8:40 a.m. to 9:50 a.m.) General Session

Moderator: C. Vipulanandan, Professor of Civil Engineering, University of Houston, Houston, Texas

Stephen Costello "Hurricane Related Challenges in Houston" City Council Memeber, City of Houston, Houston, Texas, Keynote Speaker;

Jack Steele, "HGAC Regional Preparedness and Related Issues," Executive Director, Houston Galveston Area Council, Houston, Texas, Keynote Speaker.

Judge Ed Emmett, "Harris County Challenges and Lessons Learned," County Judge, Harris County, Houston, Texas, Keynote Speaker;

9:50 – 10:15 a.m. Coffee Break (Exhibit Area)

Session II: (10:15 a.m. to 12:00 noon)

Panel 1: Hurricane Issues and Technology

Moderator: Trent Slovak, Vice President, Malcolm Pirnie Inc., Houston, Texas..

Panelist (15 to 25 min. presentations)

A Discussion on Hurricane Preparedness, Lessons Learned, and a Look Back on Hurricane Ike., **Kelly Cook**, Homeland Security Coordinator, Texas Commission on Environmental Quality, Austin, Texas;

Hurricane Evacuation Plan by USACE, **Seth Jones**, USACE Galveston District, Galveston, Texas

New Technologies in LIDAR Mapping, **Ramesh Shrestha**, Professor of Civil Engineering, University of Houston, Houston, Texas

Panel Discussion: Challenges in Preparedness and Recovery

Panel 2: Major Disasters and Recovery

Moderator: Jack Whaley, Director TranStar, Houston, Texas.

Panelist (15 to 25 min. presentations)

Southeast Region Research Initiative-Combining Science and Technology for Protection Against Natural Disasters, Benjamin Thomas, Director, Oak Ridge National Laboratory, Knoxville, Tennessee.

Offshore Insurance, Tommy Laurendine, Vice President, Liberty International Underwriters, Houston, Texas.

An Efficient Storm Surge Forecasting Methodology for Coastal Texas Emergency Management, R. Whalin, Professor, Jackson State University, Jackson, Mississippi.

Sheltering Planning and Management for Natural Disasters, LingFeng Li and Mingzhou Jin, Mississippi State University, Jackson, Mississippi.

Panel Discussion: Challenges in Major Disasters and Recovery

Lunch Break, Exhibition & Research Posters

Posters on research at **Texas Southern University, Lamar University, Rice University and University of Houston**. **Companies** participate in the **Exhibition**.

12:40 p.m. to 1:00 p.m. Commissioner Jerry Patterson, “GLO Challenges and Lessons Learned, Commissioner, General Land Office, Austin, Texas, Luncheon Keynote Speaker;

Session III: (1:00 p.m. to 2:30 p.m.)

Panel 3 : Coastal Protection

Moderator: Bill King, Houston, Texas.

Panelist (15-20 min. presentations)

Modeling of Storm Surge and Hurricane Simulation, John Atkinson, ARCADIS, Bolder, CO.

Lessons Learned from Coastal Protection Systems, Mathijs Van Ledden, President of Haskoning, Inc. New Orleans, Louisiana.

The Ike Dike: a Coastal Barrier Protecting the Houston/Galveston Region from Hurricane Storm Surge, William Merrill, Professor, Texas A & M University, Galveston, Texas.

Innovative Shutter Concept for Coastal Protection, C. Vipulanandan, Professor, University of Houston, Houston, Texas.

Panel Discussion: Major Coastal Protection Issues.

Panel 4: Homeland Security Issues

Moderator: Gino Lim, Assistant Professor, University of Houston, Houston, Texas.

Port Security and Safety Issues in the Gulf of Mexico, Tayfur Altiok, Professor, Rutgers, Piscataway, New Jersey.

Disaster Science and Management: Homeland Security and Organizational Culture in Response to Hurricane Katrina, Rachel Dowty, Assistant Professor, Louisiana State University, Baton Rouge, Louisiana.

Defense Issues, G. Skelton, Professor, Jackson State University, Jackson, Mississippi.

Panel Discussion: Security, Damages and Loss Mitigation

RECEPTION: (2:30 - 3:30 p.m.)

Reception will be held in the Exhibit area (food and drinks). In addition to conference participants, number of city, county and industrial leaders will be invited to participate. This is a good opportunity to network and number of door prizes is waiting for you.

Professional Development Hours (PDH)

Earn up to 5 hours of PDH by attending the conference. Certificates will be issued after the conference.