

Final Program

8:30 a.m. Welcome & Introductory Remarks

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

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 and Flooding Related Challenges in Houston" City Council Member, City of Houston, Houston, Texas, Keynote Speaker;

Judge Mark Henry, "Galveston County Challenges and Preparedness, County Judge, Galveston County, League City, Texas (Keynote Speaker);

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

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

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

Panel 1: Disaster Issues and New Technologies

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

Panelist (15 to 20 min. presentations)

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

Samual Rosania, "Coordinating the Efforts in Alabama after the Worst Tornado," Vice President Malcolm Pirnie Inc., Tampa, Florida.

Planning Post Disaster Recovery: A Review of the United States Disaster Assistance Framework, Gavin Smith, Associate Research Professor, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.

Develop a Remote Sensing System for Rapid Response to the Gulf Oil Spills, Craig Glennie, Assistant Professor of Civil Engineering, University of Houston, Houston, Texas

Panel Discussion: Challenges in Preparedness and Recovery

Panel 2: Major Disaster Issues

Moderator: Gino Lim, Chairman and Associate Professor Industrial Engineering, University of Houston, Houston, Texas.

Panelist (15 to 25 min. presentations)

Larry Taylor "Insurance Issues in Texas" Representative, State of Texas, League City, Texas, Keynote Speaker;

Assessing Impacts of Hurricane Evacuation Strategies on Transportation Network: A Case Study of Houston-Galveston Region, S. Praprut, and R. Henk, Texas Transportation Institute and G. Lim, University of Houston, Houston, Texas

Oil Spill Response and BP Disaster in the Gulf of Mexico, Greg Pollock, Deputy Commissioner, Texas General Land Office, Austin, Texas;

Rapid Estimation of High Resolution Local Storm and Interactive Operation with A Disaster Response Intelligent System, Hoonshin Jung, Center of Excellence, Analysis and Response for Coastal Hazards, Jackson, Mississippi.

Panel Discussion: Challenges in Major Disaster Issues

Lunch Break, Exhibition & Research Posters

Posters on research at Various Universities along the Gulf Coast Region. Companies participate in the Exhibition.

12:20 p.m. to 12:30 p.m. Judge Ed Emmett, "Harris County Challenges and Lessons Learned, County Judge, Harris County, Houston, Texas.

12:30 p.m. to 1:00 p.m. Nim Kidd "Disaster Related Challenges in Texas" Chief of Emergency Management, Austin, Texas (Keynote Speaker).

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

Panel 3 : Coastal Protection and Modeling

Moderator: C. Vipulanandan, Houston, Texas.

Panelist (15-20 min. presentations)

Hybrid Finite Element / Volume Method to Solve Shallow Water Equations for Storm Surge Modeling, M. Akbar, Senior Research Associate, Northrop Grumman Center for High Performance Computing, Jackson State University, Jackson, Mississippi.

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

Modeling of Storm Surge in the Houston Ship Channel and Galveston Coastline Using ADCIRC, C. Vipulanandan and Y. Ahossin, University of Houston, Houston, Texas.

Panel Discussion: Coastal Protection Issues and Modeling.

Panel 4: Flooding and Other Disaster Issues

Moderator: Rafael Ortega, Vice President, LAN, Houston, Texas.

Air Quality Issues, Bruce Clawson, Emergency Manager and Homeland Security Director, Texas City, Texas.

Debris and Management Issues After a Disaster, Tommy Horton, Malcolm Pirnie-ARCADIS, Tampa, Florida.

Role of Local Government in Disaster Resiliency, A. Ross and M. Beeler, Texas A&M University-Corpus Christi, Corpus Christi, Texas.

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.

**Thanks to Co- Sponsors:
Malcolm Pirnie-ARCADIS
& State Farm Insurance.**