

## Final Program

### 8:30 a.m. Welcome Remarks

**C. Vipulanandan (Vipu)**, Chairman, Department of Civil and Environmental Engineering & Director of CIGMAT and THC-IT, University of Houston

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

**Moderator: C. Vipulanandan, Ph.D., P.E.**, Professor of Civil Engineering, University of Houston, Houston, Texas

**Michael S. Marcotte, P.E.**, "Review of City of Houston Projects and Plans and Technical Needs," Director, Public Works and Engineering Department, City of Houston, Houston, Texas, Keynote Speaker;

**Delvin Dennis**, "TxDOT Projects and Plans," District Engineer, TxDOT, Houston, Texas, Keynote Speaker;

**Pete Perez**, "Project and Plans for U.S. Army Corps of Engineers," Chief Engineer, USACE-Galveston, 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: Management of Major Water and Wastewater Systems

**Moderator: Rafael Ortega, P.E.** Lockwood, Andrew and Newnam, Houston, Texas.

Panelist (25 min. presentations)

**Challenges and Issues After Hurricane in Galveston**, **Brandon E. Wade**, Assistant City Manager, Director of Public Works, City of Galveston, Galveston, Texas

**Planning and Hydraulic Modeling of City of Houston Drinking Water System**, **Lisa Lattu**, City of Houston, Houston, Texas.

**Houston's Approach for Maintaining Large Diameter Sewers**, **Ravi Kaleyatodi**, Assistant Director, City of Houston, Houston, Texas

#### **Panel Discussion: Challenges in Maintaining Small and Large Public Works Infrastructures**

## **Panel 2: Hurricane and Geotechnical Issues**

**Moderator: Stanley Yin, P.E., TxDOT, Houston, Texas.**

Panelist (25 min. presentations)

**Power Issues and Challenges after Hurricane IKE, Douglas White, Emergency Management Coordinator, CenterPoint Energy, Houston, Texas.**

**Power Grid and Water Utility Issues, Gary Oradat, Executive Director, Coastal Water Authority, Houston, Texas**

**Mega Crane Lift in Texas City, Kenneth Tand, Kenneth Tand and Associates, Ken Dessert, Jacobs Engineering and Morris Parrott, British Petroleum, Texas City, Texas.**

**Panel Discussion: Challenges in Maintaining Civil Infrastructure Facilities**

## **Lunch Break, Exhibition & Research Posters**

**Posters** on research at University of Houston. **Companies** participate in the **Exhibition**. Vote for the Posters.

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

#### **Panel 3 : Flooding and Stormwater Issues**

**Moderator: David Peters, P.E., Principal Engineer, CDM, New Orleans, Louisiana.**

Panelist (20-25 min. presentations)

**Mike Talbott, " Hurricane Ike and Harris County Flood Control District," Director, Harris County Flood Control District, Houston, Texas.**

**Coastal Restoration and Preservation Projects, Chris Williams, Office of Coastal Preservation and Restoration Authority, New Orleans, Louisiana.**

**Small Diversion of Mississippi River for Swamp Restoration, David Peters, CDM, New Orleans, Louisiana.**

**Panel Discussion: Flooding Related Challenges (Funding, Regulations, Project) in Texas and Louisiana.**

## **Panel 4: Geotechnical Engineering Issues**

**Moderator: C. Vipulanandan, P.E., University of Houston, Houston, Texas.**

### **Fourth Mike O'Neill Lecture**

**Evaluating Axial Elastic Pile Response from Cone Penetration Tests, Professor Paul W. Mayne, Georgia Institute of Technology, Atlanta, Georgia.**

**New Down-Hole Penetrometer (DHP-CIGMAT) for Construction Applications, Professor C. Vipulanandan, University of Houston, Houston, Texas**

**Panel Discussion: Geotechnical Engineering Issues Related to Construction, Design and Maintenance.**

### **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.