

## Final Program

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

**C. Vipulanandan (Vipu)**, Chairman, Department of Civil and Environmental Engineering & Director of CIGMAT, University of Houston  
**Edward Hugetz**, Assistant Vice Chancellor for Planning and University Outreach Program, 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;  
**Steve Simmons, P.E.**, "TxDOT Projects and Plans," Deputy Executive Director, TxDOT, Austin, Texas, Keynote Speaker;  
**Lt. Colonel Christopher Sallese**, "Projects and Plans for U.S. Army Corps of Engineers –Galveston District," 2<sup>nd</sup> Lieutenant U.S. Army, Galveston District, Galveston, TX, 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: Hamlet Hovsepian, P.E.**, City of Houston, Houston, Texas.

Panelist (20 to 25 min. presentations)

**Brandon Wade, P.E.**, "Needs and Challenges in the City of Galveston," Director Publicworks and Assistant City Manager, Galveston, Texas.  
**Water Pipeline Infrastructure Replacement Prioritization, Derek St. John, P.E.**, Project Manager Lockwood, Andrews and Newnam, Houston, Texas.  
**GIS-Based Dynamic Risk Management of PCCP, David Kurtz, P.E.**, Regional Manager, Pure Technologies, Dallas, Texas.

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

#### Panel 2: Geotechnical Issues: Repairing and Maintaining Dams and Levees

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

Panelist (20 to 25 min. presentations)

**Failures in New Orleans due to hurricane Katrina, C. Vipulanandan, P.E. & UH Group, University of Houston.**

**Warren Samuelson, P.E., Monitoring Dams in Texas The Texas Dam Safety Program, Dam Safety program Coordinator, Texas Commission on Environmental Quality (TCEQ), Austin, Texas**

**Terry Bautista, P.E., Maintaining the Civil Infrastructure in South East Texas, Chief Engineer, USACE-Galveston., Galveston, Texas.**

**Panel Discussion: Challenges in Maintaining Civil Infrastructures**

## **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, Civil Tech Engineering Inc, Houston, Texas.**

Panelist (20-25 min. presentations)

**Mike Talbott, P.E., "Stream Corridor Concepts for Harris County, Texas," Director, Harris County Flood Control District, Houston, Texas.**

**Harris County risk Management Using HAZUS-MH: Martha Juch, P.E., Principal Engineer, Civil Tech Engineering Inc., Austin, Texas**

**Draft Harris County Flood Control District Watershed Mater Plan: Gary Struzick, P.E., Vice President, Klotz Associates., Houston, Texas**

**Panel Discussion: Flooding Related Challenges (Funding, Regulations, Population) in the Houston Area**

### **Panel 4: Geotechnical Issues: Earth Structures**

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

**First Mike O'Neill Lecture (1:00 to 2:00 p.m.)**

**Embankments on Soft Clays: Issues and Challenges: Professor Serge Leroueil, University of Laval, Quebec, Canada.**

**Lessons Learnd from Retaining Wall Failures: John Delphia, P.E., Geotechnical Engineer, TxDOT, Austin, Texas**

## **Panel Discussion: Challenges in Designing Earth Structures**

### **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.