

Final Program

8:30 a.m. Welcome Remarks

C. Vipulanandan (Vipu), Professor, 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

Daniel W. Krueger, "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 - Houston, TxDOT, Houston, Texas, Keynote Speaker;

David Couch, "Project and Plans for METRO," Senior Vice President of Capital Program, METRO, 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: Management of Major Water and Wastewater Systems

Moderator: Rafael Ortega, P.E. Lockwood, Andrew and Newnam, Houston, Texas.
Panelist (25 min. presentations)

Ravi Kaleyatodi, "Challenges and Future Plans in the Water and Wastewater Systems," Senior Assistant Director, City of Houston, Houston, Texas

Technical Challenges with the City's North East Transmission Pipeline, Hamlet Hovsepian, Assistant Director, City of Houston and **Rafael Ortega**, Vice President Lockwood, Andrew and Newnam, Houston, Texas.

Chemical Grouts: Applications and Case Studies, Frank Aguilar, Manager, Avanti International, Houston, Texas.

Panel Discussion: Challenges in Maintaining Public Works Infrastructures

Panel 2: Flooding, Maintenance and Geotechnical Issues

Moderator: Stanley Yin, P.E., TxDOT, Houston, Texas.
Panelist (25 min. presentations)

Mike Talbott, "Projects and Plans for Harris County Flood Control District," Director, Harris County Flood Control District, Houston, Texas.

Eric Dargan, "Maintenance of Right of Way Infrastructures," Deputy Director, City of Houston, Houston, Texas.

Effect of trees on the Active Zone, Kenneth Tand, Kenneth Tand and Associates, Houston, 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: Subsidence and Surface Water Issues

Moderator: David Peters, P.E., Principal Engineer, CDM, New Orleans, Louisiana.
Panelist (20-25 min. presentations)

Ron Neighbors, "Critical Issues for the Harris-Galveston Subsidence District," Director, Harris-Galveston Subsidence District, Houston, Texas.

Jun Chang, "Long-term Issues with Surface Water Supply," Deputy Director, City of Houston, Houston, Texas.

Surface Water Distribution Issues, Don Ripley, Project Manger, AECOM, Houston, Texas.

Panel Discussion: Challenges in Changing to Surface Water.

Panel 4: Geotechnical Issues: Deep Foundations

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

Sixth Mike O'Neill Lecture

Foundation Engineering for Transmission Line Structures, Professor Fred H. Kulhawy, Cornell University, Ithaca, New York.

Comparing ACIP Pile Construction, Testing and Design Methods in Sand and Clay, Professor C. Vipulanandan, University of Houston, Houston, Texas

Panel Discussion: Geotechnical Engineering Issues Related to Deep Foundations.

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)

Attend the entire conference and earn up to 5 hours of PDH. Certificates will be emailed to you.