

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;

Michael Alford, "TxDOT Projects and Plans," District Engineer - Houston, TxDOT, Houston, Texas, Keynote Speaker;

Jed Hamilton, "Energy Needs and New Exxon Houston Project," Senior Research Consultant Arctic, ExxonMobile Upstream Research, 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: Sustainability of Water Systems and Current Drought Conditions

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

Jorge Arroyo, "Challenges and Future Plans for Water Management in Texas," Contract Manager, Texas Water Development Board, Austin, Texas

Doug Haude, Project and Groundwater Reduction Plans for San Jacinto River Authority, Senior Project Manager, San Jacinto River Authority, Conroe, Texas.

Mark Loethen, "Challenges and Plans for COH," Deputy Director for Planning & Development Services, City of Houston, Houston, Texas.

Panel Discussion: Challenges Related to Sustainability of Water Supply Systems

Panel 2: Flooding, Re-Build Houston 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.

Dale Rudick, “ReBuild Houston & Drainage,” Deputy Director –ReBuild Houston Executive, City of Houston, Houston, Texas.

Ground Conditions in the Current Drought Environment, 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 Research Posters.

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

Panel 3: Dam Safety Issues

Moderator: David Peters, P.E., Senior Project Manager, CDM, Oklahoma City, Oklahoma.

Panelist (20-25 min. presentations)

Wade Anderson, “National Standards for Dam Safety,” Director, SWD, Dam Safety Production Center, Tulsa, Oklahoma.

Chandra S. Putcha, “Risk Based Assessment of Dams,” Professor of Civil Engineering, California State University, Fullerton, California.

Warren Samuelson, “Texas Dam Safety Program,” Texas Commission on Environmental Quality, Austin, Texas.

Panel Discussion: Challenges in Dam Safety.

Panel 4: Geotechnical Issues: Unsaturated Soils and Active Zone.

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

Seventh Mike O’Neill Lecture

Unsaturated Soil Behavior for Practicing Engineers, Professor Jean L. Briaud, Texas A & M University, College Station, Texas.

National Trends in the Performance of Water Pipelines in the Active Zone, Professor C. Vipulanandan, University of Houston, Houston, Texas

Panel Discussion: Geotechnical Engineering Issues Related to Unsaturated Soils.

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 emailed to you.