

**Infrastructure, Energy, Geotechnical, Flooding and Sustainability
Issues Related to Houston & Other Major Cities
Final Program –CIGMAT 2021 (March 5, 2021 – Online Conference)**

Session I: (9:00 a.m. to 10:15 a.m.) General Session

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

Eliza Paul, "TxDOT Projects and Plans," Director of Houston District - TxDOT, Houston, Texas, Keynote Speaker;

Michael Ereti, "Review of City of Houston Projects, Plans and Technical Needs," Director Capital Projects –Houston Public Works, City of Houston, Houston, Texas, Keynote Speaker;

Lisa Craven, "Current Financial Situation in Texas", Deputy Comptroller, Texas Comptroller of Public Accounts, Austin, Texas, Keynote Speaker

Session II: (10:15 a.m. to 11:30 a.m.)

Flooding and Transportation Issues

Moderator: Rafael Ortega, Aurora Technical Services, Houston, Texas.

Ataul Hannan, "Floodrisk Products from MAAP next," Director Planning Division, Harris County Flood Control District, Houston, Texas.

John Tyler, "HCTRA Projects and Plans," Deputy Director – Harris County Toll Road Authority, Houston, Texas.

Bridgette J. Towns, "METRO Projects and Plans", Executive Vice President for Engineering and Project Management Planning -METRO, Houston, Texas.

Session III: (11:30 p.m. to 12:45 p.m.)

Water, Wastewater and Corrosion Issues

Moderator: Daniel Wong, Tolunay-Wong Engineers, Houston, Texas.

Chris Mason, "Sanitary Sewer Overflow Reduction Program (SSORP): Tale of Two Sewer Sheds," Project Engineer, San Antonio Water System (SAWS), San Antonio, Texas

Erika Mancha, "Alternative Water Supply Projects in the Innovative Water Technologies Department," Manager, Innovative Water Technology, Texas Water Development Board (TWDB), Austin, Texas.

"New Nondestructive Method to Rapidly Detect and Quantify Surface and Bulk Corrosion in Steel with Real-Time Monitoring using Vipulanandan Impedance Corrosion Model,"

C. Vipulanandan, University of Houston, Houston, Texas.

Discussion and Networking (12:45 p.m. to 1:15 p.m.)

There will be Exhibitors and Research Posters Presentations with questions and discussions between the attendees.

Professional Development Hours (PDH): Earn up to 3.5 hours of PDH by attending the online conference. Certificates will be issued after the conference.