

**HURRICANES, MAJOR DISASTERS, COASTAL PROTECTION AND RAPID RECOVERY IN
TEXAS AND GULF COAST REGION
Final Program- THC 2021 (August 6, 2021)**

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

Moderator: C. Vipulanandan, Director of Texas Hurricane Center for Innovative Technology, Professor of Civil Engineering, University of Houston, Houston, Texas

Allie Isbell, “Resilience & Durability to Extreme Weather in Transportation Planning,” Transportation Regional Planning Manager, Houston Galveston Area Council, Houston, Texas, Keynote Speaker.

Alicia Rea and Kelly Burks-Copes, “Coastal TX Study: A Story Map Experience,” Director Emergency Manager and Project Manager, USACE-Galveston, Galveston, Texas, Keynote Speaker

Christa López, “Building Resiliency in Texas: Program Status and Mitigation,” Deputy Director for Operations and Chief of Staff for Community Development and Revitalization, Texas General Land Office, Austin, Texas. Keynote Speaker

Network Discussion: Major Planning Issues

Session II: (10:15 a.m. to 11:30 a.m.) Inland Flooding Issues and Emergency Response

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

Ataul Hannan, “MAAPnext – Resilience to the Next Level,” Director Planning Division, HCFCD, Houston, Texas;

Melody Galland, “TxDOT Plans for Storm Response,” Director of Maintenance, TxDOT, Houston, Texas.

Venus Price, “Experience Related to Drinking Water Operations During Winter Storm Uri,” Managing Engineer-Drinking Water Operations, City of Houston, Houston, Texas.

Network Discussion: Major Recovery Issues

Session III: (11:30 p.m. to 12:45 p.m.) Lessons Learned and New Technologies

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

Dennis Paul “Updates on the Current Situation in the State of Texas”, Member of Texas House of Representatives – District 129, Harris County, Texas.

Developing Mobile Energy Unit For Hurricane Affected Community, Siva Parameswaran, Texas Tech University, Lubbock, Texas.

Electrical Power and Energy: Needs, Supply Systems and Failures with Disaster Management and Rapid Recovery Plans, C. Vipulanandan, University of Houston, Houston, Texas.

Network Discussion: Lessons Learned and New Technologies

Research Presentations (12:45 p.m. to 1:15 p.m.)

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