

**HURRICANES, MAJOR DISASTERS, COASTAL PROTECTION AND RAPID RECOVERY IN  
TEXAS AND GULF COAST REGION  
Final Program- THC 2020 (August 7, 2020)**

**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

**Charles Wemple**, “Suddenly We Feel Boundaries – A New Dialogue about Loss, Hope, and Building a Stronger Region during COVID-19,” Executive Director, Houston Galveston Area Council, Houston, Texas, Keynote Speaker.

**Alicia Rea**, “U.S. Army Supporting Responses and Recovery to Disasters,” Director Emergency Manager, USACE-Galveston, Galveston, Texas, Keynote Speaker

**Heather Lagrone**, “Building Resiliency in Texas: Program Status and Mitigation,” Senior Deputy Director-Community Development & 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**, “HCFCFCD Walking Towards Resilient Community,” Director Planning Division, HCFCFCD, Houston, Texas;

**Mark Wooldridge**, “TxDOT Plans for Storm Response,” Emergency Manager, TxDOT, Houston, Texas.

**Jamila Johnson**, “Houston Public Works Storm Water Management Update,” Infrastructure Policy Manager, City of Houston, Houston, Texas.

**Network Discussion: Major Recovery Issues**

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

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

**Review of Wind Forecasting Models, Siva Parameswaran**, Texas Tech University, Lubbock, Texas.

**A Novel Optimization Framework for Chemical Tanker Operations, Jaeyoung Cho**, Prairie View A&M University, Prairie View, Texas.

**Impact of COVID-19 and Cyber Attacks on the Disaster Management and Rapid Recovery Plans, C. Vipulanandan**, University of Houston, Houston, Texas.

**Network Discussion: Major Technology Issues**

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