Phil Bedient (Director) & Jim Blackburn (Co-Director) will host a two-day SSPEED conference. Over thirty experts & local leaders will present. A few noted speakers include:

- Ed Emmett, Harris County
- Stephen Costello, City of Houston
- Jeff Lindner, HC FCD
- Bill Read, National Hurricane Center
- Jerry Cotter, USACE (Ft. Worth)
- Rob Rogers, FAIA, ROGERS PARTNERS Architects + Urban Designers
- David Conrad, Water Resources Policy
- Roy Wright, FEMA

To register, please click here.
Severe Storm Prediction, Education, & Evacuation from Disasters Center presents
URBAN FLOODING & INFRASTRUCTURE CONFERENCE: MOVING FORWARD FROM HARVEY

DAY 1 | WEDNESDAY, FEBRUARY 21

8:00 - 8:45 Registration & Coffee

OVERVIEW & KICKOFF
8:45 - 9:00 Welcome & Introduction
Reginald Des Roches | Dean of Engineering, Rice University

9:00 - 9:10 Overview of Conference
Phil Bedient | SSPEED Center, Rice University

9:10 - 9:35 Hurricane Harvey's Impact
Jeff Lindner | Meteorologist, Harris County Flood Control District

SESSION I. MOVING FORWARD FROM HARVEY | SESSION LEADER, PHIL BEDIENT
9:35 - 10:00 The Path to Prevention
Ed Emmett | Judge, Harris County

10:00 - 10:20 Harvey Impacts and Flood Resilience Update
Stephen C. Costello | Chief Resilience Officer, City of Houston

10:20 - 10:50 BREAK

10:50 - 11:20 Future Houston
Jim Blackburn | SSPEED Center, Rice University

11:20 - 11:40 Hurricane Harvey: Experiences, Consequences and Public Support for Proposed Policies
Robert Stein | Professor of Political Science, Rice University

11:40 - 12:00 Influence of Climate Change on Hurricane Harvey & Future Storms
Dan Cohan | Associate Professor, Rice University

12:00 - 1:00 LUNCH

KEYNOTE WHEN THE IMPOSSIBLE BECOMES POSSIBLE
1:00 - 1:30 John Nielsen-Gammon | Texas State Climatologist, TAMU

SESSION II. URBAN DESIGN FOR FLOOD PROTECTION | SESSION LEADER, SAM BRODY
1:30 - 1:50 Flood Risk Reduction & the Urban Built Environment
Sam Brody | Director of CTBS, Texas A&M Galveston

1:50 - 2:10 Integrated Approaches for Flood Risk Reduction & Urban Development
Anne Loes Nillesen | Principal, Defacto Architecture & Urbanism

2:10 - 2:30 Hurricane Harvey: Come Hell or High Water
Phil Bedient | SSPEED Center, Rice University

2:30 - 3:00 BREAK

SESSION III. URBAN FLOOD POLICY | SESSION LEADER, CHARLES PENLAND
3:00 - 3:20 Taking Advantage of the Paradigm Shift - New Policy Opportunities in Development Regulations
Charles Penland | Senior Principal (Infrastructure), Walter P Moore

3:20 - 3:40 A Vision for the Future with a Historical Perspective
Russ Poppe | Executive Director, Harris County Flood Control District

3:40 - 4:00 The Future of our Flood Resiliency & Infrastructure Development
Jim Thompson | Chief Executive Texas & Gulf Coast Infrastructure, AECOM

4:00 - 4:30 Flood Risk Reduction: Does a Probabilistic Approach Help?
Matthijs Kok | Professor of Flood Risk, Delft University of Technology, Netherlands

CLOSING & RECEPTION
4:45 - 6:30 Reception & Poster Presentations
Sponsored by AECOM, Arcadis, LAN, & Walter P Moore
**URBAN FLOODING & INFRASTRUCTURE CONFERENCE: MOVING FORWARD FROM HARVEY**

**DAY 2 | THURSDAY, FEBRUARY 22**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00-8:30</td>
<td>Coffee &amp; Pastries</td>
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| 8:30-9:00 | **KEYNOTE**  
PROGRESS: A LOOK BACK AT TROPICAL CYCLONE FORECASTING OVER THE PAST 40 YEARS  
Bill Read | Former Director, National Hurricane Center |
| 9:00-9:25 | **SESSION I.**  
U.S. ARMY CORPS OF ENGINEERS | SESSION LEADER, PHIL BEDIENT  
U.S. Army Corps Engineers Flood Risk Management Programs & the Uncertainties Associated with the 100-Year Flood  
Jemy Cotter | Chief of Water Resources Management, USACE (Fort Worth)  
Corragio Maglio | Chief of Hydraulics & Hydrology, USACE (Galveston)  
Sheridan Willey | Deputy Chief of Project Management, USACE (Galveston) |
| 10:05-10:25 | How the Public Processes Flood Forecasting, & How to Reach Them Afterward  
Eric Berger | Editor, Space City Weather |
| 11:00-11:20 | Advanced Flood Warning System & Its Performance during Hurricane Harvey  
Nick Fang | Assistant Professor, University of Texas at Arlington |
| 11:20-11:40 | Flood Warning Systems in Highly Urbanized Environments  
Jacob Torres | Senior Hydrologist, Lockwood, Andrews & Newnam, Inc. |
| 11:40-12:00 | Lies, Damned Lies, & Statistics - Communicating Risk  
Andy Yung | Principal (Infrastructure), Walter P Moore |
| 12:00-1:00 | **SESSION IVA.**  
COASTAL FLOOD MITIGATION | SESSION LEADER, CLINT DAWSON  
Storm Surge Forecasting and Impacts from Hurricane Harvey  
Clint Dawson | John J McKetta Centennial Energy Chair in Engineering, UT Austin  
Ioannis Gidaris | Post Doc., Rice University  
Larry Dunbar | Project Manager, SSPEED Center |
| 1:00-1:20 | Urban Flooding Impacts on Transportation Infrastructure  
John Pardue, Ph.D. | Professor, Louisiana State University |
| 1:20-1:40 | Storm Surge, Flood Impacts, & Coastal Mitigation  
Qilin Li | Professor, Rice University |
| 1:40-2:00 | Storm Surge Forecasting and Impacts from Hurricane Harvey  
Roy Wright | Deputy Associate Administrator for Insurance and Mitigation, FEMA |
| 2:00-2:15 | Break                                                                                                                                   |
| 2:15-2:40 | **SESSION V.**  
NATIONAL PERSPECTIVE | SESSION LEADER, PHIL BEDIENT  
The Impact of Small Things  
Rob Rogers, FAIA | Founder, ROGERS PARTNERS Architects + Urban Designers  
Comments on What We've Heard - Looking Backward and Forward from Harvey  
David Conrad | Consultant, Water Resources Policy  
TBA |
| 2:40-3:05 | Environmental Impact of Severe Storms  
John Pardue, Ph.D. | Professor, Louisiana State University  
Sediment & Water Quality Post Hurricanes & Severe Storms  
Hanadi Rifai | Professor, University of Houston |
| 3:05-3:30 | Closing Remarks                                                                                                                         |
| 3:30-3:35 | Closing Remarks                                                                                                                         |