



AVOIDING DISASTERS CONFERENCE

How to Reduce Impacts from the Next Big Storm

APRIL 26-27, 2016



DAY 1 - April 26, 2016

7:45 - 8:30 Registration & Coffee

Time	Name	Organization	Topic
Overview & Kickoff			
8:30 - 9:00	Philip Bedient & Jim Blackburn	Rice University	Welcome & Introduction
9:00 - 9:20	Samuel Brody	Texas A&M - Galveston	NSF PIRE Flood Risk Reduction Program: A U.S.-Dutch Research and Education Partnership
KEYNOTE SPEAKER			
9:20 - 9:45	John Anderson	Rice University	The Present and Future of the Upper Texas Coast
SESSION I. Modeling Storms and Designing Barriers			
9:50 - 10:05	Clint Dawson	University of Texas at Austin	Overview of ADCIRC
10:05 - 10:20	Bruce Ebersole	Jackson State University	Modeling Coastal Storms: Past, Present, and Future
10:20 - 10:35	Jacob Torres & Ben Bass	Rice University	Using Storm Surge Models for Preliminary Design
10:35 - 10:55	BREAK		
10:55 - 11:10	Jens Figlus	Texas A&M at Galveston	Considerations for Coastal Barriers
11:10 - 11:25	Charlie Penland & Joe Cibor	Walter P Moore; Cibor Geoconsultants	Mid-Bay Barrier & Gate Design
11:30 - 12:30	LUNCH		
KEYNOTE SPEAKER			
12:30 - 1:00	Bas Jonkman	Delft University of Technology	Mitigating Flooding Worldwide: The Dutch Approach
SESSION II. Quantifying Economic and Environmental Damages			
1:00 - 1:15	Samuel Brody & Kayode Atoba	Texas A&M Galveston	Predicting Economic Losses using Storm Surge Models
1:15 - 1:30	Jamie Padgett	Rice University	Improving Damage Models for Critical Infrastructure
1:30 - 1:45	Hanadi Rifai	University of Houston	Modeling Environmental Impacts
1:50 - 2:10	BREAK		
SESSION III. Moving Forward with PIRE Objectives: Visualizing Flood Risk - Evaluating Where and Why it Occurs			
2:10 - 2:25	Antonia Sebastian & Russell Blessing	Rice University; Texas A&M Galveston	Analyzing Where and Why Flood Losses Occur
2:25 - 2:40	Will Mobley & Helen Walters	Texas A&M Galveston	Understanding Flood Risk and Risk Reduction with the Coastal Atlas
2:40 - 2:55	Phil Berke & Matt Malecha	Texas A&M College Station	Resiliency through Plan Integration
2:55 - 3:10	Bill Merrell	Texas A&M Galveston	Expanding Research to Study PIRE Objectives
KEYNOTE SPEAKER			
3:15 - 3:35	Jim Thompson	AECOM	Moving Forward to Protect the Upper Texas Coast
SESSION IV. Building for the Future: Addressing Environmental, Legal and Funding Requirements			
3:40 - 3:55	Larry Dunbar	Rice University	Addressing Legal and Funding Opportunities and
3:55 - 4:10	Sheridan Willey	USACE	Status Update
4:10 - 4:25	Chris Sallèse	GCCPRD	Status Update
4:30 - 5:00	Open Discussion		
5:00 - 6:30	Reception + Poster Presentations		



AVOIDING DISASTERS CONFERENCE

Implementing the Texas Coastal Exchange

APRIL 26-27, 2016



DAY 2 - April 27, 2016

7:45 - 8:30 Registration & Coffee

Time	Name	Organization	Topic
<i>Overview & Kickoff</i>			
8:30 - 8:40	Jim Blackburn	Rice University	Welcome & Introduction
KEYNOTE SPEAKER			
8:45 - 9:20	Lynn Scarlett	The Nature Conservancy	2015 Paris Climate Conference (COP21) and the Carbon Future
KEYNOTE SPEAKER			
9:25 - 9:55	John Hofmeister	Former President, Shell Oil Company; Founder, Citizens for Affordable Energy	Decarbonizing Fuels While Increasing Global Mobility: Pathways to Success
10:00 - 10:15	BREAK		
SESSION I. Becoming Carbon Neutral			
10:20 - 10:35	Henk Mooiweer	Innovate; Rice University	A Revolution is Required to Beat the Storm
10:40 - 10:55	Richard Johnson	Rice University	The Carbon Neutral Pledge and Plan for Rice University
11:00 - 11:15	Mike McDonough	Pillsbury Winthrop Shaw Pittman LLP	Aspects of Functioning Carbon Trading Systems
11:20 - 11:35	Jaime Gonzalez	Katy Prairie Conservancy	Restoring the Native Texas Prairie
11:45 - 12:45	LUNCH		
12:50 - 1:10	Networking		
KEYNOTE SPEAKER			
1:10 - 1:40	Tom Campbell	Pillsbury Winthrop Shaw Pittman LLP	Designing a Functional Voluntary Ecosystem Services / Carbon Exchange
SESSION II. Challenges and Opportunities for Developing Ecosystem Markets			
1:40 - 1:55	Dr. Sarah Mack	Tierra Resources	Lessons Learned from Introducing Wetlands to Environmental Markets
1:55 - 2:10	James Remuzzi	Sustainable Solutions	Lessons Learned from the Chesapeake Bay Bank
2:10 - 2:25	Dr. Robert Haddad	National Oceanographic & Atmospheric Administration	The Federal Government's Evolving View of and Appetite for Ecosystem Services: Natural Resource Damages
2:25 - 2:40	Dan Keese	Natural Resources Conservation Service (NRCS)	Ecosystem Services and USDA-NRCS
2:40 - 3:05	BREAK		
SESSION III. Putting The Deal Together			
3:10 - 3:25	Steve Apfelbaum	Applied Ecological Services	Quantifying Prairie Ecosystem Benefits
3:30 - 3:45		Guadalupe Blanco River Authority (GBRA)	Ecological Services, Habitat and Water: Exploring the GBRA - TAP Agreement
3:50 - 4:05	Bill Page	Essex GEOS	Financing Climate Change Mitigation and Adaptation
4:10 - 4:25	Frances Kellerman	Rice University	Inside the Texas Coastal Exchange
SESSION IV. Plan for Action			
4:30 - 5:00	Henk Mooiweer	Innovate; Rice University	Pragmatic Action Plan: Forward Progress on Developing the Texas Coastal Exchange
5:00	Social Function		