

Wednesday, May 30, 2018

Concurrent Sessions – Session Block I [10:30am - 12noon]

	Room 205	Room 206	Room 207	Room 208	Room 209
	Session 1	Session 2	Session 3	Session 4	Session 5
Session Title	Ecosystem Responses to Mangrove Expansion in Coastal Louisiana	Financing Coastal Restoration: Efforts Underway to Align Projects and Dollars	Deepwater Horizon Oil Spill: Coastal Project Implementation and Path Forward	Unlocking Water and Sediment Policy to Facilitate Restoration and Protection in Practice	Hurricane Protection and Flood Risk Reduction in Coastal Louisiana
Moderator	Devyani Kar Environmental Defense Fund	Lacy McManus Greater New Orleans, Inc.	Maury Chatellier CPRA	Chris Dalbom Tulane University	Glenn Ledet, Jr. CPRA
10:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:35am	John Day Louisiana State University Mississippi Delta Restoration: Shifting Baselines, Diminishing Resilience and Growing Non-Sustainability	PANELISTS: Stephen Barnes Louisiana State University Shannon Cunniff Environmental Defense Fund Simone Theriot Maloz Restore or Retreat Charles Sutcliffe Governor's Office of Coastal Activities This panel will focus on financing coastal restoration and the key initiatives underway in the coastal financing space.	Maury Chatellier CPRA Oil Spill Settlement Funding Programs: NRDA, NFWF, RESTORE	Derek Brockbank American Shore and Beach Preservation Association A Coastal Sediment Crisis of Dust Bowl Proportions: Why We Need a New Deal for Beneficially Using Sediment	Ignacio Harrouch CPRA Louisiana Levee Districts and Hurricane Protection Programs: Funding, Implementation, Operations, and Maintenance
10:55am	Christina Powell Louisiana State University Influence of Black Mangrove Expansion on Aquatic Communities and Food Webs of Salt Marshes in Eastern Coastal Louisiana		Joseph Wyble CPRA NRDA Projects and Path Forward	Ryan Clark Water Institute of the Gulf Environmental Flows in Louisiana: A Statewide Water Budget Framework and a Pilot Study for Assessing Freshwater Flow Impacts to Louisiana Estuaries	Mitch Marmande Delta Coast Consultants Houma Navigation Canal (HNC) Lock Complex – Applications of Salinity Control and Flood Protection
11:15am	Brian Roberts Louisiana Universities Marine Consortium High Spatial Variability in Biogeochemical Rates and Microbial Communities across Louisiana Salt Marsh Landscapes		Chris Allen CPRA NFWF Projects and Path Forward	Brian K. Batten Dewberry Risk-Informed Flood Resilience Planning In Virginia Beach, Virginia	Rickey Brouillette CPRA Planning Future Hurricane Protection in South Central and South West Louisiana
11:35am	Victor Rivera-Monroy Louisiana State University Hydroperiod and Stoichiometry Ratios Control Foliar Decomposition Rates in Marsh-Mangrove Ecotones in Coastal Louisiana		Vida Carver CPRA RESTORE Projects and Path Forward	Dave Buzan Freese and Nichols Environmental Flows in Texas: Successes and Lessons Learned	Durund Elzey USACE, New Orleans District Innovative Partnerships with the U.S. Army Corps of Engineers (USACE) and the Future of the 408 Process
11:55am	Discussion		Discussion	Discussion	Discussion
12:00pm-1:30pm	Luncheon and Keynote Speaker <i>[Dining Hall]</i>				

Wednesday, May 30, 2018

Concurrent Sessions – Session Block I [10:30am - 12noon]

	Room 210	Room 211-212	Room 213	Rivergate Room (First Floor)
	Session 6	Session 7	Session 8	Session 9
Session Title	Mississippi River Mid-Basin Sediment Diversion Program	Preparing the Next Generation of Louisianans for Coastal Challenges Ahead: Strategies to Educate and Inform	Recent Studies on Subsidence in Coastal Louisiana	Station 15
Moderator	Brad Barth CPRA	Robert Thomas Loyola University	Syed Khalil CPRA	Moderator TBD
10:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:35am	Rudy Simoneaux CPRA Mississippi River Mid-Basin Sediment Diversion Program: <i>The State Of The Program</i>	<p>PANELISTS: Ivan Gill University of New Orleans College of Education Dinah Maygarden University of New Orleans Pontchartrain Institute for Environmental Sciences Heather Niemic LSU AgCenter's Youth Wetlands Program Kristi Trail Lake Pontchartrain Basin Foundation</p> <p>This panel will focus on preparing the next generation to face Louisiana's coastal challenges. Panelists will discuss their strategies used to educate students and create an informed citizenry.</p>	Mark Byrnes Applied Coastal Research & Engineering Inc. Modern Subsidence Rates in Barataria Basin Derived from High-Resolution GPS Surveys	<p>Station 15 (22m) Kira Akerman, Director (2017)</p> <p>Takes a unique look at the flooding problem that plagues New Orleans. The Crescent City is a place where flooding occurs all too regularly, water resources are often inaccessible and polluted, and outdated water management practices continue to sink an already low-lying city. The many lives impacted by a single pumping station are seen through the eyes and words of a young person living in the nearby neighborhood.</p>
10:55am	Kodi Guillory CPRA Mid-Barataria Sediment Diversion Design and Construction Considerations		Jaap Nienhuis Florida State University A New Subsidence Map for Coastal Louisiana	
11:15am	Joseph "Wes" LeBlanc CPRA Thinking Outside of the Future Box: <i>Sediment Diversion Operations, Monitoring, and Adaptive Management</i>		Leigh Anne Sharp CPRA Elevation Changes in Louisiana's Coastal Wetlands Based on CRMS Data	
11:35am	Josh Crowe Jacobs Mississippi River Mid-Basin Sediment Diversion Program: <i>The Path Forward</i>		Alex Kolker Louisiana Universities Marine Consortium An Analysis of Subsidence Rates and Patterns within the Barataria and Terrebonne Basins using Seamless LIDAR Surveys	
11:55am	Discussion	Discussion	Discussion	Discussion
12:00pm-1:30pm	Luncheon and Keynote Speaker <i>[Dining Hall]</i>			

Wednesday, May 30, 2018

Concurrent Sessions – Session Block II [1:30pm - 3:00pm]

	Room 205	Room 206	Room 207	Room 208	Room 209
	Session 10	Session 11	Session 12	Session 13	Session 14
Session Title	Submerged Aquatic Vegetation (SAV) Habitats in an Evolving Coast and Changing Climate	Louisiana Coastal Program Law and Policy	Hydrologic Restoration in Southwest Louisiana: Challenges and Opportunities	Planning and Restoration of the Built and Natural Environment	2017 Master Plan Impacts on Storm Surge and Risk
Moderator	Kristin DeMarco Louisiana State University	David A. Peterson CPRA	Chris Allen CPRA	Alessandra Jerolleman Jacksonville State University	Brett McMann Arcadis
1:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
1:35pm	Ken Heck Dauphin Island Sea Lab and University of South Alabama Shifting Species Interactions and the Tropicalization of Northern Gulf of Mexico SAV Habitats	PANELISTS: Beaux Jones Baldwin, Haspel, Burke & Mayer, LLC Richelle Moore CPRA David Peterson CPRA Ryan Seidemann Louisiana Department of Justice Megan Terrell Louisiana Governor's Office This session presents a discussion of current legal and policy issues impacting Louisiana's Coastal Program. Panelists include government, coastal and private attorneys actively engaged in advising and counseling various public and private clients relative to the State of Louisiana's integrated coastal protection efforts. The panel will focus on rights issues, including public and private lands, environmental law policies and ecosystem restoration permitting issues, mitigation banking, and innovative project delivery methods, including outcome based performance contracting.	Chris Allen CPRA Early Design of the Calcasieu Salinity Control Measures Project	Michael Biros Waggoner & Ball Architects The Cyborg Garden	Zachary Cobell Arcadis Impacts to Surge and Waves Due to the 2017 Coastal Master Plan
1:55pm	Andrea Jerabek Water Institute of the Gulf Implications of Coastal Change on Population and Habitat Value for Blue Crabs		Cyndhia Ramatchandirane Water Institute of the Gulf Supporting Restoration Design – Data Collection and Numerical Modeling of the Calcasieu Ship Channel Estuarine System	Honora Buras CPRA The Significance of the Maurepas Swamp to Past, Present, and Future Generations	Ricardo Sanchez RAND Corporation Evolution of Planning Analysis to Support the Louisiana Coastal Master Plan: 2012 to 2017 and Beyond
2:15pm	Kristin DeMarco Louisiana State University Submerged Aquatic Vegetation in Barataria Bay, Louisiana: Seasonal and Spatial Patterns		Arpit Agarwal Mott MacDonald Calcasieu Salinity Control Measures: Hydrodynamic Modeling to Support Design of Salinity Barriers	Elizabeth Calvit Jacobs Creating A Beneficial Use Site in the Biloxi Marsh Complex, St. Bernard Parish, LA	David Johnson Purdue University Flood Risk and Damage Assessment for Louisiana's 2017 Coastal Master Plan
2:35pm	Michael Poirrier University of New Orleans Salinity Zonation of Pontchartrain Basin SAV and Changes in Lake Pontchartrain SAV Abundance Since 1953 due to ENSO Shifts and Hurricanes		Sergio Gaitan Tetra Tech Challenges in the Design of Salinity Barriers	Corey Miller CRCL Supporting Louisiana's Shrimp Fishery in a Restored Coastal Environment	Jordan Fischbach RAND Corporation Risk Reduction Benefits and Costs from Louisiana's 2017 Coastal Master Plan
2:55pm	Discussion	Discussion	Discussion	Discussion	Discussion
3:00pm-3:30pm	Break with Afternoon Refreshments <i>[Exhibit Hall]</i>				

Wednesday, May 30, 2018

Concurrent Sessions – Session Block II [1:30pm - 3:00pm]

	Room 210	Room 211-212	Room 213	Rivergate Room (First Floor)
	Session 15	Session 16	Session 17	Session 18
Session Title	Modern Processes in the Lower Atchafalaya River System	The Role of Higher Education in Preparing a Coastal Workforce	Integrating Subsurface Geology and Geophysics into Coastal Resiliency	On Our Watch
Moderator	Jun Xu Louisiana State University	Robin Barnes Greater New Orleans, Inc.	Elizabeth McDade Chinn-McDade Associates LLC	Moderator TBD
1:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
1:35pm	Kevin Hanegan Moffatt & Nichol Preliminary Design of a Major Freshwater Diversion: The Increase Atchafalaya Flow to Terrebonne Project	PANELISTS: Robert Collins Dillard University John Nicklow University of New Orleans Dan McCarthy Southeastern Louisiana University William Wainwright Northshore Technical Community College This panel will explore the role of higher education in ensuring Southeast Louisiana becomes a hub of innovation and high quality labor for coastal protection and restoration.	Mark Kulp University of New Orleans Old Data Used in New Ways: Industry-based Seismic Data Used to Evaluate the Effect of Cenozoic Faults on Holocene Strata of Lakes Borgne and Pontchartrain	On Our Watch (59m) Jonathan Evans, Director (2017) Examines the origins of wetlands erosion and subsidence, which combined with sea level rise, are producing projections of accelerating land loss and increased flooding and destruction of coastal communities. The film explains the complicated issues surrounding Louisiana’s underfunded plan for preserving and restoring wetlands and protecting some residents from flooding.
1:55pm	Bo Wang Louisiana State University Modeling Channel Bed Deformation Downstream of the Mississippi-Atchafalaya River Diversion		John Lopez Lake Pontchartrain Basin Foundation A General Framework for Analyzing Relative Sea Level Rise and Subsidence in Coastal Louisiana	
2:15pm	T. Mitchell Andrus Royal Engineers and Consultants The Long-Term Outlook of the Mississippi-Atchafalaya Bifurcation		Paul Heinrich Louisiana Geological Survey Late Holocene Subsidence of Pierre Part Distributary Complex over the Napoleonville Salt Dome, Ascension and Assumption Parishes, Louisiana	
2:35pm	Giancarlo Restrepo Louisiana State University Using 7-Beryllium To Calculate Fluvial Sediment Deposition Rate In A Distal Bay And Associated Wetlands In Fourleague Bay, Louisiana		Nancye Dawers Tulane University Improving our Understanding of Faults and Salt Dome Interactions in Southeastern Louisiana’s Subsurface	
2:55pm	Discussion	Discussion	Discussion	Discussion
3:00pm-3:30pm	Break with Afternoon Refreshments <i>[Exhibit Hall]</i>			

Wednesday, May 30, 2018

Concurrent Sessions – III [3:30pm - 5:00pm]

	Room 205	Room 206	Room 207	Room 208	Room 209
	Session 19	Session 20	Session 21	Session 22	Session 23
Session Title	Research and Response into the Die-back of Roseau Cane and Infestation by the Scale Insect <i>Nipponaclerda biwakoensis</i> in Southern Louisiana	Putting Public-Private Partnerships to Practice to Support the Working Coast	Rockefeller Wildlife Refuge: Management in an Ever-Changing Environment in SW Louisiana	Building Support for Coastal Restoration in Louisiana Through Volunteerism	Performance and Assessment of Coastal Flood Structures
Moderator	James Pahl CPRA	Justin Ehrenwerth Water Institute of the Gulf	Wesley Jacobs HDR Engineering, Inc.	Alma Robichaux Barataria-Terrebonne National Estuary Program	John Monzon Southeast Levee Protection Authority West
3:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
3:35pm	Madeline Gill LSU AgCenter Overview of the Recently Recognized Dieback of Roseau Cane (<i>Phragmites Australis</i>) in Coastal Louisiana	PANELISTS: Joni Tuck Greater Lafourche Port Commission Edwin Pinero US Business Council for Sustainable Development Scott Hemmerling Water Institute of the Gulf Leah Brown Chevron A web of coastal infrastructure supports major industries. We present examples where public-private partnerships protect critical infrastructure and provide ecosystem services for community resilience.	Beau Tate Royal Engineers and Consultants, LLC Introduction to Rockefeller Refuge and Corresponding Levee Repairs	James Stram Common Ground Relief Volunteer and Community Involvement in Restoration Efforts	Jessica Watts CDM Smith Harahan Drainage Pump Station to The Mississippi River Project: Opportunities and Challenges
3:55pm	Ian Knight LSU AgCenter Susceptibility of Roseau Cane (<i>Phragmites australis</i>) and Select Agronomically and Environmentally Significant Potential Hosts		Mike Carloss Ducks Unlimited Recent Restoration and Enhancement Projects at Rockefeller Refuge with DU/LDWF Partnership	Kacie Wright CRCL A Functional Approach in Identifying Motivations of Coastal Restoration Volunteers in Louisiana	Steven Underwood Neel-Schaffer, Inc. Natural Templates for Coastal Resiliency and Storm Protection: Cameron County Texas, Erosion Response Plan
4:15pm	Blake Wilson LSU AgCenter Examination Of Chemical Control Options for the Invasive Roseau Cane Scale, <i>Nipponaclerda Biwakoensis</i>		Erin Rooney HDR Engineering, Inc. Banking on Marsh Creation at the Refuge	Duyen Lam Volunteer LSU Connecting the Youth to Coastal Restoration	Melissa Kennedy HNTB Corporation Stuck Between a Levee and Soft Place - Meeting USACE & FEMA Requirements in Jesuit Bend Polder, Plaquemines Parish
4:35pm	Linda Hooper-Bui Louisiana State University Roseau Cane Mortality in South Louisiana: What We Know and a Plan for the Future		Dion Broussard CPRA Gulf Shoreline Stabilization in a Highly Erosive Environment	Robert Thomas Loyola University New Orleans Louisiana Master Naturalist: The Many Ways to Make Saving the Coast a Personal Imperative	Jack Cardigan Louisiana State University Performance of Levees During River Floods and Rainfall Events
4:55pm	Discussion		Discussion	Discussion	Discussion
5:00pm-7:00pm	Welcome Reception [Exhibit Hall]				

Wednesday, May 30, 2018

Concurrent Sessions – III [3:30pm - 5:00pm]

	Room 210	Room 211-212	Room 213	Rivergate Room (First Floor)
	Session 24	Session 25	Session 26	Session 27
Session Title	Implementation Progress of the System Wide Assessment and Monitoring Program (SWAMP)	Public Access, Private Property and the Legislature's Attempt to Find a Solution	Using Offshore Sand for Barrier Island Restoration	<i>Diversions Keepers of the Mounds Born on the Bayou</i>
Moderator	Richard Raynie CPRA	Beaux Jones Baldwin Haspel Burke & Mayer	Bridgette Duplantis Bureau of Ocean Energy Management	Moderator TBD
3:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
3:35pm	Syed Khalil CPRA Updates on the Development and Implementation Timelines of SWAMP	<p align="center"><u>PANELISTS:</u> Capt. Daryl Carpenter Louisiana Charter Boat Assoc. Taylor Darden Louisiana Landowners Assoc. Harry Vorhoff Louisiana Dept. of Justice Jim Wilkins Louisiana Sea Grant</p> <p>This panel will focus on H.R. 178, which gave Louisiana Sea Grant the task of exploring solutions to the fight that has been brewing for years in Louisiana's coastal marshes between anglers, private landowners and the State over recreational public access to waterways.</p>	Michael Miner Bureau of Ocean Energy Management Gulfwide Sand Inventory: Identifying Offshore Sediment Resources to Inform Pipeline Decommissioning and Long-Term Restoration Planning	<p align="center">Diversions (22m) John Richie, Director (2107)</p> <p>The state's Coastal Master Plan focuses on sediment diversions as the strongest option for restoring lost coastal marshlands. Yet the diversions threaten to destroy oyster beds, an integral part of the state's economy and way of life. For Louisiana's already battered oystermen, the solution is a curse.</p> <p align="center">Keepers of the Mounds (22m) Katie Mathews, Director (2017)</p> <p>The Solet family, members of the United Houma Nation, face the potential loss of sacred mounds that are central to native practices. Along with organizers and scientists working on marsh creation, they fight to raise the voices of a community threatened by coastal land loss.</p> <p align="center">Born on the Bayou (22m) Kevin McCaffrey, Director (2017)</p> <p>Bayou Lafourche is sometimes described as the nation's longest main street, passing through the romantic towns of Thibodaux, Donaldsonville, Cut Off, Leeville and on down to Grand Isle. This diverse, complex waterway is the responsibility of Windell Curole, a unique character who's charged with getting funds for this endangered landscape.</p>
3:55pm	Jeffrey Andrews APTIM Recent Geophysical Surveys in Hydrologic Basins east and west of the Mississippi River		Kehui Xu Coastal Studies Institute, Louisiana State University Sediment Transport and Infilling Process of Dredge Pits on Louisiana Shelf	
4:15pm	Brian Perez Jacobs Continuous and Discrete Water Quality in Basins East and West of the Mississippi River		Rex Caffey Louisiana State University Economic and Geomorphic Comparison of OCS Sand vs. Nearshore Sand for Coastal Restoration Projects	
4:35pm	Bernard Wood CPRA Identifying the Relationships Among Forested and Herbaceous Floristic Quality Indices, and Biomass in Louisiana Swamps		Lora Turner Bureau of Ocean Energy Management Marine Minerals Information System Update	
4:55pm	Discussion	Discussion	Discussion	Discussion
5:00pm-7:00pm	Welcome Reception <i>[Exhibit Hall]</i>			

Thursday, May 31, 2018

Concurrent Sessions – IV [8:30am - 10:00am]

	Room 205	Room 206	Room 207	Room 208	Room 209
	Session 28	Session 29	Session 30	Session 31	Session 32
Session Title	Avian Response to Restoration Activities	Implementing Master Plan Marsh Creation Projects	Backfilling Canals: Progress and Pratfalls	Building Partnerships for Coastal Resilience	Comprehensive Community Resilience: From Planning to Action
Moderator	Jessica Henkel Restore Council	Russ Joffrion CPRA	Giovanna McClenachan University of Central Florida/CRCL	Mark Wingate US Army Corps of Engineers	Steve Mathies Stantec
8:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
8:35 AM	Erik Johnson Audubon Louisiana/National Audubon Society Responses to Beach Renourishment By Nesting Shorebirds in Coastal Louisiana	PANELISTS: Chuck Broussard Weeks Marine, Inc. Dredging Division Navid H. Jafari LSU Dept. of Civil and Environmental Engineering Jas Singh CPRA Rudy Simoneaux CPRA The panel session will discuss the challenges and expertise gained from the in-house design and construction of marsh creation projects, the experience gained from partnerships with construction contractors, and the research collaboration with local universities to aid in the development of efficient design and construction methodologies for the implementation of master plan marsh creation projects.	R. Eugene Turner Louisiana State University Canals: Most Louisiana Landloss is caused by Canals and Restoring Canals is Successful	Andrea Galinski CPRA CPRA's Flood Risk and Resilience Program	Priya Dey-Sarkar Sewerage and Water Board of New Orleans City of New Orleans Strategic Pathways - Resilience
8:55 AM	Michael Seymour Louisiana Department of Wildlife and Fisheries Statewide Passive Detection for Organismal Research VHF Network		Julie Whitbeck Jean Lafitte National Historical Park & Preserve What are the Ecological Consequences of Backfilling Canals? Developing Monitoring Designs that Scale Across Time, Space and Levels of Biological and Hydrologic Organization	Simone Maloz Restore or Retreat NGO's Role to Advance Outreach and Engagement Across the Coast	Michael Moriarty FEMA Region II Mitigation Division Building Community Resilience Capacity in New Jersey
9:15 AM	Brock Geary Tulane University Individual Variation in Brown Pelican (<i>Pelecanus Occidentalis</i>) Foraging Behaviors in The Gulf of Mexico		Giovanna McClenachan University of Central Florida/CRCL Why Isn't Everyone Backfilling? History of Rationales for the Lack of Backfilling	Tugce Sahar Purdue University Digital Tools to Promote Nonstructural Mitigation	Elizabeth Skree Environmental Defense Fund Building Coastal Support through Innovative Communications and Marketing Strategies
9:35 AM	Katie Percy Audubon Louisiana A Migratory Songbird Connects Forested Wetlands across Continents		Dusty Pate National Park Service Quantifying and Prioritizing Opportunities for Canal Backfilling in Louisiana	Michelle Gonzales Jefferson Parish Advances to Flood Risk Mitigation in Jefferson Parish	Bruce Mowry City of Miami Beach How Sea Level Rise is Challenging and Changing Miami Beach
9:55am	Discussion	Discussion	Discussion	Discussion	Discussion
10:00am-10:30am	Break with Morning Refreshments [Exhibit Hall]				

Thursday, May 31, 2018

Concurrent Sessions – IV [8:30am - 10:00am]

	Room 210	Room 211-212	Room 213	Rivergate Room (First Floor)
	Session 33	Session 34	Session 35	Session 36
Session Title	Utilizing Mississippi River Water and Sediment Resources - from Analysis to Implementation	Strategies for Cultivating Social and Economic Justice in Coastal Restoration Planning	Adaptive Management Highlights from Louisiana CPRA	<i>Finding Common Ground</i>
Moderator	Tonja Koob GAEA Consultants, LLC	Josh Lewis ByWater Institute, Tulane University	Richard Raynie CPRA	Moderator TBD
8:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
8:35 AM	Alex McCorquodale University of New Orleans Mississippi Sediment Research and Long River Model (Delft 3D)	<p>PANELISTS:</p> <p>Colette Pinchon Battle Gulf Coast Center for Law & Policy</p> <p>Dakota Fisher Louisiana Office of Community Development</p> <p>Cory Sparks Commission on Stewardship of the Environment for the LA Interchurch Conference</p> <p>Mike Pasquier Louisiana State University</p> <p>Christine Verdin Pointe-au-Chien Indian Tribe</p> <p>Panelists will discuss how social, economic, and climate justice concerns can begin to occupy the center of state and local level coastal planning efforts. The aim is to create a series of recommendations built on the experiences of panelists - tribal leaders, religious leaders, scholars, state planners, and lawyers - that examine how coastal planning can reflect the values and struggles of diverse coastal publics as the CPRA begins to move forward with the next coastal Master Plan.</p>	Richard Raynie CPRA Overview of CPRA's Adaptive Management Program	<p style="text-align: center;">Finding Common Ground (90m) Bob Thomas, Kevin McCaffrey, Executive Producers (2017)</p> <p>Uses documentary film techniques to show how all those impacted by coastal erosion can cross over out of their silos, overcome long term psychological barriers, and achieve new understanding that may fast track restoration projects to build much needed new ground.</p>
8:55 AM	Nina Reins University of New Orleans Short River Model (Delft 3D) and Diversion Analysis		Morgan Crutcher CPRA Implementing Processes to Institutionalize Project Level Stakeholder Engagement and Outreach	
9:15 AM	Dan Grandal Stantec Consulting Services, Inc Bayou Lafourche Fresh Water Diversion – Preliminary Design		Mark Mouledous CPRA Mermentau Basin Analysis Report	
9:35 AM	Rob Nairn Baird & Associates 3D Modeling Assessment of Intake Alternatives on the Lower Mississippi River at Bayou Lafourche		Angelina Freeman CPRA Applied Research Initiatives	
9:55 AM	Discussion	Discussion	Discussion	Discussion
10:00am-10:30am	Break with Morning Refreshments <i>[Exhibit Hall]</i>			

Thursday, May 31, 2018

Concurrent Session – V [10:30am - 12:00noon]

	Room 205	Room 206	Room 207	Room 208	Room 209
	Session 37	Session 38	Session 39	Session 40	Session 41
Session Title	Evaluating Ecological Relationships and Responses in Louisiana's Estuaries	Restoration of Louisiana's Barrier Shorelines: Application of Soft and Hard Coastal Protection Approaches	Alternate Shoreline Protections	Working Together for our Working Coast	Assessing and Enhancing Community Resilience
Moderator	Shaye Sable Dynamic Solutions, LLC	Glenn Ledet CPRA	Tye Fitzgerald CPRA	Chip Kline Governor's Office of Coastal Activities	Matthew Bilskie Louisiana State University
10:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:35am	<p>Malinda Sutor Louisiana State University</p> <p>Plankton Composition and Distribution in Breton and Barataria Basins and Implications for Food Web Models</p>	<p>PANELISTS: Mark Byrnes Applied Coastal Research and Engineering Tom Campbell Coastal Planning and Engineering (Ret.) Josh Carter Mott MacDonald Michael Poff Coastal Engineering Consultants, Inc.</p> <p>This panel will serve as a platform for coastal engineers, scientists and geologists to discuss the use and application of both soft and hard coastal protection methods on Louisiana's barrier shoreline. This discussion will include past use and associated lessons learned, potential future uses, and the required engineering and geological analyses to be performed prior to implementation of soft and hard structural protection measures.</p>	<p>Charlotte Randolph Louisiana Shoreline Solutions</p> <p>Non-Rock Alternatives to Shoreline Protection</p>	<p>Ian Voparil Shell</p> <p>Oil and Gas as a Stakeholder in Louisiana's Future</p>	<p>Brittany M. Bernik Gulf Coast Ecosystem Restoration</p> <p>Community Resilience and Ecosystem Services: From Evidence to Application</p>
10:55am	<p>James Nelson University of Louisiana at Lafayette</p> <p>Resource Use and Condition of White Shrimp, <i>Litopenaeus setiferus</i>, in a Rapidly Changing Ecosystem</p>		<p>Brian Caufield CDM Smith</p> <p>Design Considerations for Rock Sills in Living Shorelines</p>	<p>Chett Chiasson Greater Lafourche Port Commission</p> <p>Future-Proofing America's Energy Infrastructure Through Holistic Resiliency</p>	<p>Jeffrey Carney LSU Coastal Sustainability Studio</p> <p>Inland from the Coast: A Multi-Scalar Approach to Regional Climate Change Responses</p>
11:15am	<p>W. Ryan James University of Louisiana at Lafayette</p> <p>Measuring Food Web Response to Habitat Restoration in Various Coastal Ecosystems</p>		<p>Christa Russell CRCL</p> <p>It's Alive – Assessing the Restoration Success of a Recycled Oyster Shell Living Shoreline in Biloxi Marsh</p>	<p>Spencer Murphy Canal Barge Company, Inc.</p> <p>Navigating Shifting Environmental Scenarios</p>	<p>Craig Colten Louisiana State University</p> <p>Adaptive Transitions: The Long-Term Perspective on Humans in Changing Coastal Settings</p>
11:35am	<p>Melissa Baustian Water Institute of the Gulf</p> <p>The Essential Role of Benthos in Coastal Louisiana Habitats and their Implications for Coastal Restoration</p>		<p>Jason Chauvin T. Baker Smith</p> <p>Wave Attenuation by Constructed Oyster Reef Breakwaters</p>	<p>Michael Hecht Greater New Orleans, Inc.</p> <p>Business People Unite in the Fight to Save the Coast</p>	<p>Jamar Melton Episcopal School of Baton Rouge</p> <p>Collective Resilience: Preparing Communities to Help Themselves in the Wake of a Large Scale Disaster</p>
11:55am	Discussion	Discussion	Discussion	Discussion	Discussion
12:00pm-1:30pm	Luncheon and Keynote Speaker [Dining Hall]				

Thursday, May 31, 2018

Concurrent Session – V [10:30am - 12:00noon]

	Room 210	Room 211-212	Room 213	Rivergate Room (First Floor)
	Session 42	Session 43	Session 44	Session 45
Session Title	Dynamics of Diversion Receiving Basins	Engaging Urban Coastal Communities in Restoration	Creative Approaches to Monitoring the Outputs and Outcomes of Restoration Activities	Out Da Bayou
Moderator	Kehui Xu Louisiana State University	Amanda Moore National Wildlife Foundation	Natalie Peyronnin Environmental Defense Fund	Moderator TBD
10:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:35am	<p>Samuel Bentley Louisiana State University</p> <p>What Sediment and Flow Properties Control Mud Dispersal and Retention in Coastal Bays and Diversion-receiving Basins?</p>	<p>PANELISTS: Charles Allen City of New Orleans Arthur Johnson Lower 9th Ward Center for Sustainable Engagement and Development Kristi Trail Lake Pontchartrain Basin Foundation Ryan Prewitt Peche Restaurant</p> <p>This session will highlight major achievements, best practices, and lessons learned in how we engage communities in the City that often do not see themselves as “coastal,” including framing and non-traditional approaches. Three urban community leaders will discuss coastal messaging, events, field tours, youth outreach, government engagement and the impacts since Katrina. We’ll also look to the future at opportunities for deeper urban engagement in advocacy and the emerging restoration economy. Chef Ryan Prewitt will complement our session with a look at how he uses his visibility and coastal culinary expertise to reach vast audiences in New Orleans and raise awareness about the importance of restoration.</p>	<p>Tim J.B. Carruthers Water Institute of the Gulf</p> <p>Quantifying Ecosystem Functions of Coastal Habitats in Louisiana to Improve Understanding of Ecosystem Services</p>	<p style="text-align: center;">Out Da Bayou John Jackson, Host, Director (2018)</p> <p>“Wading the Islands” (22m) The Barrier Islands, off the Mississippi Coast, are the first line of defense for hurricanes and large storms. They are also the honey hole for game fish such as Redfish, Trout, and other toothy critters. Come along with O.D.B. for the flight of a lifetime as they take you on a one-of-a-kind bucket list trip.</p> <p>“Protectors of the Bayou” (22m) Oysters, one of the favorite seafoods of Louisiana. But what makes these dining delicacies such an integral part of the coast? Is it a Science? Farming? Restoration? Or a combination of all three? Come along as O.D.B. takes you into the life cycle of Louisiana’s favorite pearl.</p>
10:55am	<p>Molly Keogh Tulane University</p> <p>Sediment Retention in Diversion-fed Coastal Wetlands: A Field-based Conceptual Model</p>		<p>Melissa Carle NOAA</p> <p>Monitoring and Adaptive Management Manual to Support Integrated Ecosystem Restoration for the Deepwater Horizon Oil Spill</p>	
11:15am	<p>Soroush Sorourian Louisiana State University</p> <p>Numerical Modeling of Wave Dynamics and Diversion-Induced Sediment Dispersal in the Barataria Bay</p>		<p>Jenny Wolff CRCL</p> <p>Restoration Efficacy Assessment of Coastal Louisiana</p>	
11:35am	<p>Hongqing Wang US Geological Survey</p> <p>Predicting the Impacts of Mississippi River Diversions and Sea-Level Rise on Spatial Patterns of Eastern Oyster Growth Rate and Production</p>		<p>Gerald Songy HDR Engineering Inc.</p> <p>Using Adaptive Management for Successful Marsh Restoration and Shoreline Protection</p>	
11:55am	Discussion	Discussion	Discussion	Discussion
12:00pm-1:30pm	Luncheon and Keynote Speaker <i>[Dining Hall]</i>			

Thursday May 31, 2018

Concurrent Session – VI [1:30pm - 3:00pm]

	Room 205	Room 206	Room 207	Room 208	Room 209
	Session 46	Session 47	Session 48	Session 49	Session 50
Session Title	Biogeochemical Processes of Wetlands and Estuaries	Alternative Transport Methods of Dredge Material for Beneficial Use in Wetland Restoration	Updates on Programs and Projects in Louisiana’s Coastal Basins	The Cooperative Engagement of the Oil and Gas Industry in Coastal Sustainability Planning	Resilient and Resolute: Indigenous Strategies in Response to Coastal Erosion and Climate Change Impacts
Moderator	Tracy Quirk Louisiana State University	Darrel Broussard U.S. Army Corps of Engineers-MVN	Ignacio Harrouch CPRA	Sarah Connick Chevron	Tara Lambeth University of New Orleans-CHART
1:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
1:35pm	Jeremy Reiman Louisiana State University Floodplain Influence On Carbon Transport In The Atchafalaya River Basin	PANELISTS: Chuck Broussard Weeks Marine Brent Duet Coastal Engineering Solutions, LLC Brad Miller CPRA Ancil Taylor Bean Consulting, LLC This panel will focus on barge transport of dredge material over conventional direct pipeline for wetland restoration projects. The panel will discuss the barge transport operation (dredge, spider barge, hopper barge, offloader), costs associated with barge transport in comparison to direct pipeline, feasibility of barge transport, and applications where barge transport should be considered over direct pipeline.	John Troutman CPRA Overview of Coastal Protection and Restoration in the Pontchartrain and Breton Basins, Louisiana	Phil Precht ConocoPhillips Company A Review of Wetlands Management Strategies	Laura Kelley Tulane University Sanctuary in the Swamps: Survival by Strategic Migration, Native American Communities in Southern Louisiana
1:55pm	Charles Schutte Louisiana Universities Marine Consortium Long-Term Impact of Oiling On Salt Marsh Nitrogen Cycling Processes		Daniel Dearmond CPRA Overview of Coastal Protection and Restoration in the Barataria and Terrebonne Basins, Louisiana	Donnie Garrison Shell Pipeline Company Shell Pipeline uses Natural Infrastructure Solutions to Protect Ship Shoal Pipeline and Improve Nearby Coastal Ecosystem	Matthew Bethel Louisiana Sea Grant Enhancing Local Hazard Mitigation Planning with Traditional Ecological Knowledge in a Participatory Mapping Approach
2:15pm	Robert Miller University of Louisiana Hypoxia and Water Temperature Dynamics in Low-Gradient Partly Regulated Systems – A Case Study in the Teche-Vermilion Watershed.		Glenn Ledet CPRA Overview of Coastal Protection and Restoration in the Atchafalaya and Teche/Vermilion Basins, Louisiana	Jarrett Levesh University of New Orleans Middle Miocene through Present Fault History of the Delacroix Island Fault System	Albert Naquin Chief, Isle de Jean Charles Band of Biloxi Chitimacha Choctaw Indians The Isle de Jean Charles Resettlement Project – An Adaptation Plan to Maintain Cultural Heritage and Strengthen Community Resilience
2:35pm	Donald Schoolmaster Jr US Geological Survey Using Monitoring Network Structure to Inform Multiple Lines of Evidence toward Causal Assessment of Restoration Efficacy: A Proof of Concept	Darrell Pontiff CPRA Overview of Coastal Protection and Restoration in the Mermentau and Calcasieu/Sabine Basins, Louisiana	Chris McLindon New Orleans Geological Society Using Oil and Gas Industry Data to Help Assess Levee Integrity	Patty Ferguson-Bohnee Sandra Day O’Connor College of Law Self Determination in a Sinking Basin - Hurdles and Hindrances to Protecting Tribal Cultural Heritage in Southern Louisiana	
2:55pm	Discussion	Discussion	Discussion	Discussion	Discussion
3:00pm-3:30pm	Break with Afternoon Refreshments <i>[Exhibit Hall]</i>				

Thursday May 31, 2018

Concurrent Session – VI [1:30pm - 3:00pm]

	Room 210	Room 211-212	Room 213	Rivergate Room (First Floor)
	Session 51	Session 52	Session 53	Session 54
Session Title	Innovation and Evaluation of Deltaic Ecosystems	Post Disaster Long Term Recovery: Critical Considerations for Creating Resilient Communities	Forecast and Assessment Tools: A Way to Monitor and Manage our Coast	Island in Crisis Buried a Sea Disparaître-Disappearing
Moderator	Elizabeth Jarrell CPRA	Robin Keegan Resilient Baton Rouge	Amanda Taylor CPRA	Moderator TBD
1:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
1:35pm	<p>Kim de Mutsert George Mason University</p> <p>Using Ecosystem Modeling to Evaluate Trade-Offs In Coastal Management: Effects of Large-Scale River Diversions on Fish and Fisheries</p>	<p style="text-align: center;">PANELISTS:</p> <p>Renia Ehrenfeucht University of New Mexico</p> <p>John Marshall Georgia State University College of Law</p> <p>Andrew Rumbach University of Colorado Denver</p> <p style="text-align: center;">This panel will focus on the current status of disaster recovery and lessons learned from communities around the country and internationally. Disasters represent a turning point for communities. After coping with immediate impacts, cities and towns are forced to confront vulnerabilities and make choices about how to spend resources. Data and anecdotes are alternatively inspiring and confounding. Drawing examples from Colorado, Louisiana, New Jersey, New York, India and Nepal, panelists will examine advances and oversights in post-disaster housing and infrastructure redevelopment, community planning, and social service delivery.</p>	<p>Shu Gao Louisiana State University</p> <p>Hydrologic Simulation and Assessment of Remote Sensing Products of the 2016 Louisiana Flood In the Amite River Basin</p>	<p style="text-align: center;">Ted Jackson, Director (2016), (2018)</p> <p>“Island in Crisis” (4m) is a film about the disappearance of the Leeville Cemeteries, which have been swallowed up beneath the waters of Bayou Lafourche. It features 90-year-old Velma Lefort Ellender, who’s grandfather donated the land for the original cemetery plot in 1905. It also features Leeville resident Talbot Serigny, who grew up across the bayou. (2016)</p> <p>“Buried a Sea” (4m) is an environmentally-focused film featuring the Native American community of Isle de Jean Charles, who is faced with the emotional decision to relocate from their disappearing ancestral homeland to higher ground. (2018)</p> <p style="text-align: center;">Bill Rodman, Director (2017)</p> <p>“Disparaître-Disappearing” (13m) is a film about Lucas Bissett and his ABLE (Anglers Bettering Louisiana’s Estuaries) conservation efforts to help save the Louisiana coast. It is an official selection of the ""2018 Orvis - Down the Hatch"" fly fishing film tour. ""Disparaître"" is French for disappearing. (2017)</p>
1:55pm	<p>Ken W. Krauss US Geological Survey</p> <p>Evaluating Future Success of a Freshwater River Re-Introduction to the Floodplain Forests of Maurepas Swamp, Louisiana</p>		<p>Brennon Dardar Nicholls State University</p> <p>Evaluation of Small Unmanned Aerial Systems (sUAS) as a Levee Monitoring Tool</p>	
2:15pm	<p>Randall Bushey Jacobs</p> <p>Adaptive Design and Operational Management for Natural System Designs</p>		<p>Craig Conzelmann US Geological Survey</p> <p>Supporting Coastal Outreach with the Coastal Information Management System (CIMS)</p>	
2:35pm	<p>Robert R. Twilley Louisiana State University</p> <p>Ecosystem Design: Process-Based Approaches to Operating Controlled Floods for Delta Restoration</p>	<p>Denise E. DeLorme Louisiana State University</p> <p>‘What Could Possibly Happen?’: Coastal Decision Makers’ Perspectives On Storm Surge Forecasting Tools</p>		
2:55pm	Discussion	Discussion	Discussion	Discussion
3:00pm-3:30pm	Break with Afternoon Refreshments <i>[Exhibit Hall]</i>			

Thursday May 31, 2018

Concurrent Session – VII [3:30pm - 5:00pm]

	Room 205	Room 206	Room 207	Room 208	Room 209
	Session 55	Session 56	Session 57	Session 58	Session 59
Session Title	Understanding the Ecological Function of Restored Marshes	Extraction Related Subsidence and the Potential for Uplift	Sediment Delivery Challenges Across Coastal Louisiana	A Place at the Table for the Private Sector in Coastal Protection and Restoration	Natural System and Human Response to Interior Hydrologic Restoration and Modification
Moderator	Melissa Carle NOAA	Joel Waltzer Waltzer Wiygul and Garside	Greg Grandy Coastal Engineering Consultants, Inc.	Emily Vuxton CRCL	John Lopez Lake Pontchartrain Basin Foundation
3:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
3:35pm	Diana Lane Abt Associates Using Meta-Analysis to Understand Recovery of Vegetation and Soils in Restored Wetlands in the Northern Gulf Of Mexico	PANELISTS: Alex Kolker Louisiana Universities Marine Consortium Pietro Teatini University of Paduva J. A. de Waal Ministry of Economic Affairs and Climate Policy, The Hague Julie Bernier USGS	Nicholas Cox Moffatt & Nichol Phased Implementation of Programmatic Marsh Creation Projects	Deborah Visco Abibou CRCL The Business of Recycling Oyster Shell in Louisiana	Theryn Henkel Lake Pontchartrain Basin Foundation Basin-Wide Changes Post-Closure of the Mississippi River Gulf Outlet (MRGO) Leading to Potential Natural Swamp Regeneration on the Maurepas Land Bridge, SE LA
3:55pm	Glen Curole CPRA Assessing the Western Caminada-Moreau Headland's Shoreline, Elevational, Vegetative, and Avian Response to Beach, Dune, and Marsh Creation	This panel will discuss the various causes of subsidence in South Louisiana and what can be done about it. They'll speak to the most preventable form of subsidence, related to the history and mechanics of extraction related subsidence, and the quantitative and qualitative impact this anthropogenic phenomenon has had on coastal Louisiana; adaptation of these same mechanical principals in an effort to stem or reverse subsidence, by inducing seawater into aquifers beneath environmentally valuable areas; and how other countries such as the Netherlands have adopted a risk-based management approach to prevent extraction related subsidence in their own critically sensitive coastal areas.	Brett McMann Arcadis U.S. Inc. Spanish Pass Beneficial Use of Mississippi River Navigation Dredged Material	Lizzie Garcia Tulane University Law School "The Pinker the Belly, the Better the System": How Aquaculture and Restoration Legally Fit Together in Louisiana's Wetlands	Sharon Osowski Morgan EPA Region 6 Restoring the Swamp: Hydrologic Restoration and Vegetative Planting in the Des Allemands Swamp
4:15pm	John Andrew Nyman School of Renewable Natural Resources Created Marshes Support Fewer Fish and Crustaceans than Natural Marshes.		Adrian Chavarria EPA Region 6 Restoring the Caminada Headlands: An Effective and Synergistic Approach	John Supan Louisiana Sea Grant College Program (Ret.) Marine Enterprise Zones for Coastal Community Development	Sin�ad Borchert US Geological Survey (Contractor) Coastal Wetland Migration with Sea-Level Rise: Quantifying the Potential for Landward Movement and Coastal Squeeze in Northern Gulf of Mexico Estuaries
4:35pm	Terill A. Hollweg Abt Associates Meta-Analysis of Nekton Recovery Following Marsh Restoration in the Northern Gulf Of Mexico		Patricia A. Taylor EPA Region 6 Last Island Restoration: Reflecting On 20 Years and Looking Into the Future	Michael Donahue AECOM Introducing the Natural Infrastructure Initiative: Solutions for Coastal Protection and Restoration	Michael Hrzic HNTB East Ascension Parish Floodplain Management - A System Wide Approach
4:55pm	Discussion	DISCUSSION	Discussion	Discussion	Discussion
5:00pm-7:00pm	Happy Hour Poster Session [Exhibit Hall]				

Thursday May 31, 2018

Concurrent Session – VII [3:30pm - 5:00pm]

	Room 210	Room 211-212	Room 213	Rivergate Room (First Floor)
	Session 60	Session 61	Session 62	Session 63
Session Title	The River's Role in Coastal Restoration	Long-term Strategic Planning and Adaptation from Local to International Perspectives	Unmanned Aircraft Systems and Satellite Applications for Coastal Protection and Restoration	<i>Locked</i>
Moderator	Cyndhia Ramatchandirane Water Institute of the Gulf	Jeff Hebert Water Institute of the Gulf	Whitney Broussard JESCO Environmental, Inc.	Moderator TBD
3:30	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
3:35pm	Natalie Peyronnin Environmental Defense Fund Advancing Sediment Diversion Operations Discussions: Testing Recommendations of an Expert Working Group	Claire Connolly Knox University of Central Florida Are We All on the Same Team? Analysis of Louisiana's Coastal Master Plan and Local Government Plans	Glenn Suir US Army Corps of Engineers, ERDC Monitoring Coastal Wetland Vegetation Using High-Resolution Satellite Imagery	<p align="center">Locked (13m) Daneeta and Patrick Jackson</p> <p>Tells the hundred-year history of the Industrial Canal System and Lock, which dissects the infamous 9th Ward in New Orleans. Local Urban Ecologist Dr. Josh Lewis describes the wide-reaching effects of how we do water transportation in Louisiana and how irresponsible urban planning around water transportation has led to repeated catastrophic flooding in the region since 1927.</p>
3:55pm	Christopher Esposito Water Institute of the Gulf River Bar Dynamics Drive Sand Discharge through Diversions	Laura Mansfield National Academy of Sciences Oil and Gas: Future Outlooks on Effective Governance of The Outer Continental Shelf	Whitney Broussard JESCO Environmental, Inc. An Object-Based Approach to Classifying Urban and Wetland Vegetation Cover Using Hyperspatial, Multispectral UAS Imagery	
4:15pm	Brendan Yuill Water Institute of the Gulf Sand Settling Through Borrow-Pit Generated Turbulence in Rivers	Adam Hosking Jacobs Applying Adaptation Pathways and Robust Decision Making in Strategic Coastal Planning in the Face of Change and Uncertainty	Balaji Ramachandran Nicholls State University Levee Monitoring and Estuary Assessment Using Small Unmanned Aircraft Systems (sUAS)	
4:35pm	G. Paul Kemp G. Paul Kemp & Associates Thinking Out of the Box: Increasing Mud Supply to the Mississippi River Delta	Denise Reed University of New Orleans Thinking Beyond Year 50: Strategies for the Longer Term	Chad Netto Chustz Surveying, LLC Small Unmanned Aircraft Systems and LiDAR Integration to Map Remote Areas	
4:55pm	Discussion	Discussion	Discussion	
5:00pm-7:00pm	<p>Happy Hour Poster Session <i>[Exhibit Hall]</i></p>			

Friday, June 1, 2018

Concurrent Sessions – VIII [9:00am - 10:30am]

	Room 205	Room 206	Room 207	Room 208	Room 209
	Session 64	Session 65	Session 66	Session 67	Session 68
Session Title	Barrier Island Dynamics	Communicating the Coast: Challenges and Opportunities in Advancing a Coastal Narrative	Restoration Project Performance by Project Type	Vanishing by the Minute: What Land-loss and Development Mean for Louisiana’s Cultural Heritage	A Coastal Perspective on Floodplain Management and Coastal Resiliency
Moderator	Jonathan Willis Nicholls State University	Jacques Hebert Audubon, Restore the Mississippi River Delta Coalition	Robert Routon CPRA	Jayur Mehta University of Illinois Urbana-Champaign	Shannon Cunniff Environmental Defense Fund
9:00	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
9:05am	Gregory Grandy Coastal Engineering Consultants Breton Island Restoration Evolution Modeling (BIREM)	PANELISTS: Brian Boyles Louisiana Endowment for the Humanities/Cultural Vistas Magazine Chuck Perrodin CPRA Mark Schleifstein Times Picayune Amy Wold Water Institute of the Gulf This panel will discuss challenges and opportunities in covering coastal Louisiana, and answer questions such as, what are the big gaps in coverage? How can stories be told more comprehensively? What has the national media gotten right about coastal Louisiana and what might be unfair or imprecise characterizations? How can people on the ground – from communications experts to scientists to citizens to policymakers – do a better job elevating stories that matter to journalists?	Darin Lee CPRA Lessons Learned from Two Decades of Barrier Island Restoration in Louisiana	Brian Ostahowski Louisiana Archaeological Society Coastal Land Loss and the Future of Louisiana’s Archaeological Record	Pat Forbes Office of Community Development Development of a Statewide Watershed Based Floodplain Management Program
9:25am	Victoria Curto Mott MacDonald Hot Spot Erosion on Grand Isle, LA – Identification and Causes		Amanda Taylor CPRA Marsh Creation Design Criteria and Project Performance	Richard Weinstein Coastal Environments, Inc. The Effects of Shoreline Erosion at Sites 16SB47 and 16SB153, St. Bernard Parish, Louisiana	Jennifer Argote Louisiana State University Prepare to Prevent – Reducing Flood Losses with the NFIP and Community Rating System
9:45am	Benjamin Beasley University of New Orleans Shoreface Sediment Budget Influence on Barrier Island Evolution, Louisiana, USA		Erin Plitsch CPRA Lessons Learned From Existing Mississippi River Diversions	J. Ryan Kennedy Tulane University Environmental Change and Coastal Resources: Perspectives from Colonial New Orleans	Christopher Siverd Louisiana State University Analysis of the Historical Change in Storm Surge across Coastal Louisiana via Land to Water Isopleths
10:05am	Shamim Murshid Louisiana State University Morphodynamics of Barrier-Inlet System: The Battle between Waves and Tide		Tommy McGinnis CPRA Lessons Learned from Shoreline Protection Demonstration Projects in Southwest Louisiana	Theresa Dardar Pointe-au-Chien Indian Tribe Pointe-au-Chien’s Efforts to Protect Culture, Lifeways, and Sacred Sites	Alex Kolker Louisiana Universities Marine Consortium A Quintupling in the Prevalence of Coastal Floods in the Southern Terrebonne Basin: Climate Change, Subsidence or Coastal Construction?
10:25am	Discussion	Discussion	Discussion	Discussion	Discussion
10:30 am-11:00 am	Break with Morning Refreshments & Student Awards [Exhibit Hall]				

Friday, June 1, 2018

Concurrent Sessions – VIII [9:00am - 10:30am]

	Room 210	Room 211-212	Room 213	Rivergate Room (First Floor)
	Session 69	Session 70	Session 71	Session 72
Session Title	RESTORE Lowermost Mississippi River Management Program (LMRMP)	Alternative Oyster Culture Using Off-bottom Technology in Louisiana and the Gulf of Mexico	RESTORE Act Center of Excellence for Louisiana: Research to Support Louisiana’s Coastal Master Plan	Restoration on the Half Shell: Presentations in Non-Technical Language
Moderator	Jennifer Mouton CPRA	Andrew Wilson Simon, Peragine, Smith & Redfearn, LLP	Melissa Baustian Water Institute of the Gulf	Jimmy Frederick Coalition to Restore Coastal Louisiana
9:00	Introduction & Overview	Introduction & Overview	Introduction & Overview	<p>CRCL is proud to partner with the Water Institute of the Gulf and CPRA to offer a this half-day program.</p> <p>Half Shell is an interactive 'mini-conference' experience. The program is tailored to concerned citizens who are familiar with the problems facing our coast but want to learn more. Participants will enjoy two informative, timely, and entertaining sessions, featuring presentations then and a panel and audience discussion.</p> <p><u>Presentations</u></p> <p>A Strategy to Combat Our Land Loss Problems Alisha Renfro, National Wildlife Federation</p> <p>A Master Plan and its Implementation Bren Haase, CPRA</p> <p>Planning for the Next Generation’s Coast and Communities Corey Miller, CRCL</p>
9:05am	Brian Vosburg CPRA RESTORE Act LMRMP: <i>Background and Overview</i>	PANELISTS: John Supan Louisiana Sea Grant College Program (Ret.) Steve Pollock Triple N Oyster Farm, LLC Terry Shelley Shelley Farms Premium Oyster Company, LLC Off-bottom oyster farming has expanded along the U.S coast from Maine to Florida and has now become a commercial reality in the Gulf, including Alabama and Louisiana. This session explores each stage of the business: (1) hatchery (larvae); (2) nursery (spat and seed oysters); (3) oyster farming equipment (cages, bags, longlines); and, (4) actual oyster farms. This technology may allow the industry to adapt and survive the challenges of climate change and planned Mississippi River diversions.	Q. Jim Chen Northeastern University Integrating High-fidelity Models with New Remote Sensing Techniques to Predict Storm Impacts on Louisiana Coastal and Deltaic Systems	
9:25am	Ehab Meselhe Water Institute of the Gulf RESTORE Act LMRMP: River Model Applications		Alexandra Christensen Louisiana State University Multiple Tools for Determining the Fate of Nitrate in a Deltaic Floodplain	
9:45am	Mead Allison Water Institute of the Gulf RESTORE Act LMRMP: Subsidence Investigations		Scott Hagen Louisiana State University On Coupling Hydrologic, Tide and Surge Processes	
10:05am	Ty Wamsley USACE-MVD RESTORE Act LMRMP: <i>Storm Surge Investigations</i>		Emad Habib University of Louisiana at Lafayette Evaluation of Radar-Based Precipitation Datasets for Applications in the Louisiana Coastal Master Plan	
10:25am	Discussion		Discussion	
10:30 am-11:00 am	Break with Morning Refreshments & Student Awards <i>[Exhibit Hall]</i>			

Friday, June 1, 2018

Concurrent Session – IX [11:00am - 12:30pm]

	Room 205	Room 206	Room 207	Room 208	Room 209
	Session 73	Session 74	Session 75	Session 76	Session 77
Session Title	Barrier Island Habitats	Implementing Resilience at Four Scales: Opportunities and Challenges in Coastal Louisiana	Lessons Learned from Louisiana Coastal Projects	New Ways of Valuing Restoration	Geological Underpinnings of Coastal Landloss and Subsidence
Moderator	Allyse Ferrara Nicholls State University	Jeff Carney LSU Coastal Sustainability Studio	Joshua Pruett GeoEngineers, Inc.	Charles Sutcliffe Governor's Office of Coastal Activities	David Culpepper The Culpepper Group, LLC
11:00	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
11:05am	Jonathan Willis Nicholls State University Utilization of Historic and Recent Monitoring Data to Assess Vegetation Trajectories of Restored Louisiana Barrier Islands	PANELISTS: Colleen McHugh City of New Orleans, Mayors Office of Sustainability & Resilience Traci Birch LSU Coastal Sustainability Studio Mart Black Terrebonne Parish Consolidated Government, Recovery Planning Andrea Galinski CPRA Reducing vulnerability and increasing resilience are at the forefront of the coastal planning and development conversation. But resilience is context-specific – what it means in New Orleans is different than Terrebonne and Baton Rouge. This panel discussion engages people working at 4 scales - site, neighborhood, community, and region – to discuss resilience implementation and the associated challenges and opportunities.	Brett Geesey HDR Engineering, Inc. Avoiding the Dreaded Sunken Breakwater: Considerations for Stabilizing Shorelines in Soft Soils	Peter Hall Wood Environment and Infrastructure Solutions Maximizing the Return on Investment for Coastal Resilience Projects	Akinbobola Akintomide Tulane University Fault Activity in the Terrebonne Trough, Southeastern Louisiana: Implication for Subsidence Hot-Spots
11:25am	Delaina LeBlanc Barataria-Terrebonne National Estuary Program Evaluation of Shorebird Nesting Habitat Enhancement Using Hard Substrate (Caminada Headland Restoration Project - Ba-45)		Michael Poff Coastal Engineering Consultants, Inc. I Don't Have to Outrun the Bear - I Just Need to Outrun Initial Consolidation and Compaction	Sarah Mack Tierra Foundation Status and Challenges of Wetlands in Carbon Markets	Brian Harris Louisiana State University Long-term Settlement of the Caminada Headland Beach Nourishment and Dune Restoration in Coastal Louisiana
11:45am	Gary LaFleur, Jr. Nicholls State University Comparing Protocols for Spatio-Temporal Characterization of Vegetation Using Unmanned Aerial Systems on Trinity Island, LA		Whitney Thompson APTIM Building Better Islands - Construction Challenges in Coastal Restoration	Taylor Marshall Restore the Earth Foundation The Importance of Measuring, Valuing and Communicating the Co-Benefits of Coastal Restoration	Michael Hopkins Lake Pontchartrain Basin Foundation Subsidence Rates from Faulting Determined by Real-Time Kinematic (RTK) Elevation Surveys of Bridges in Lake Pontchartrain
12:05pm	Robert Dobbs US Geological Survey Distribution and Habitat Use of Piping and Wilson's Plovers in the Caillou Lake Headlands Restoration Project (Te-0100) Area, 2012-2017		Joseph Guillory Duplantis Design Group Clay Balls in My Soup - Challenges of Constructing Coastal Marsh Using High Plasticity Clay	George Kelly RES Performance-Based Contracting for Restoration: Benefits and Case Studies	Claudia Zoccarato University of Padova Modeling Natural Shallow Compaction of Mississippi Wetlands
12:25pm	Discussion	Discussion	Discussion	Discussion	Discussion
12:30pm	Conference Concludes				

Friday, June 1, 2018

Concurrent Session – IX [11:00am - 12:30pm]

	Room 210	Room 211-212	Room 213	Rivergate Room (First Floor)
	Session 78	Session 79	Session 80	Session 81
Session Title	Boundary Waters: How Coastal Issues in Louisiana Impact Neighboring States, Communities and Ecosystems	A Planning Model for the Future: LA-SAFE Moves Toward Implementation	Living on the Edge: Drivers, Impacts and Solutions to Marsh Edge Erosion	Restoration on the Half Shell: Presentations in Non-Technical Language
Moderator	Alexander Kolker Louisiana Universities Marine Consortium	Steve Cochran Environmental Defense Fund	Alisha Renfro National Wildlife Federation	Jimmy Frederick Coalition to Restore Coastal Louisiana
11:00	Introduction & Overview	Introduction & Overview	Introduction & Overview	<p>CRCL is proud to partner with the Water Institute of the Gulf and CPRA to offer a this half-day program.</p> <p>Half Shell is an interactive 'mini-conference' experience. The program is tailored to concerned citizens who are familiar with the problems facing our coast but want to learn more. Participants will enjoy two informative, timely, and entertaining sessions, featuring presentations then and a panel and audience discussion.</p> <p align="center">How You Can Engage and Take Action Colette Pichon Battle, Gulf Coast Center for Law and Policy</p> <p align="center"><u>Panelists</u></p> <p align="center">Denese Shervington Institute of Women & Ethnic Studies</p> <p align="center">Carol Bebel Ashe Cultural Arts Center</p> <p align="center">Chief Thomas Dardar United Houma Nation</p> <p align="center">Jonathan Foret South Louisiana Wetlands Discovery Center</p> <p align="center">Ryan Lambert Cajun Fishing Adventures</p>
11:05am	Alan Shiller University of Southern Mississippi Hypoxia in the Mississippi Bight: Understanding Interactions of Circulation and Chemistry in a Complex River-Dominated Coastal Ecosystem	Mathew Sanders Louisiana Office of Community Development Liz Williams Russell Foundation for Louisiana Camille Manning-Broome Center for Planning Excellence Pamela Jenkins University of New Orleans	Kendall Valentine Louisiana State University Wind Waves Drive Multiple Mechanisms of Erosion of The Marsh Scarp in Barataria Bay, LA	
11:25am	Catherine Fitzpatrick Tulane University Variation of the Mississippi River and Atchafalaya River Plume Distribution from Data Synthesis of HYCOM Model Outputs and MODIS Imagery	<p>In 2017, LA SAFE (Louisiana's Strategic Adaptation for Future Environments), worked with residents of six Louisiana Parishes in an intensive and inclusive planning process around current and future land loss and flood risk. This interdisciplinary panel provides an overview of the process, its implementation, and how it can be modeled for use in other communities.</p>	Sujan Baral Louisiana Tech University Soil Binding Ability of <i>Spartina Alterniflora</i> , Smooth Cord Grass, Established on Dredged Soils in Louisiana Coastal Area	
11:45am	George Ramseur Mississippi Department of Marine Resources, Office of Restoration and Resiliency LA, MS, AL Coastal System (LMACS): Embracing Functional Boundaries to Drive Comprehensive Estuarine		Thomas Everett Mott MacDonald Quantification of Swell Energy and Its Impact on Wetlands in a Deltaic Estuary	
12:05pm	Juan Moya Freese and Nichols Inc Understanding Geological Processes to Forecast Sedimentation Rates on the Texas Gulf Coast		Madeline Foster-Martinez Louisiana State University Wave Attenuation in San Francisco Bay	
12:25pm	Discussion	Discussion	Discussion	
12:30pm	Conference Concludes			