



NCER 2018

National Conference on Ecosystem Restoration

Building connections from the local to the landscape scale

August 26 - 30, 2018 | New Orleans, Louisiana, USA

www.conference.ifas.ufl.edu/ncer2018

Sunday, August 26, 2018

Conference Registration Opens and Poster Presenters and Sponsors Move-In Displays

[Acadia Ballroom - Level 3]

Monday, August 27, 2018

Conference Registration Open

[Acadia Ballroom Foyer - Level 3]

Early Morning Refreshments in Poster & Sponsor Display Area

[Acadia Ballroom - Level 3]

Opening Plenary Session

[Mardi Gras Ballroom - Salons D & E - Level 3]

Matt Grabau, Conference Co-Chair, President, Large Scale Ecosystem Restoration Section (LERS) of the Society for Ecological Restoration, US Fish & Wildlife Service, Tucson, AZ

Ryan Clark, Conference Co-Chair, Research Scientist, The Water Institute, and Immediate Past President, and President, Large Scale Ecosystem Restoration Section (LERS) of the Society for Ecological Restoration, Baton Rouge, LA

Gulf of Mexico Plenary Session Introduction and Overview

Nicholas G. Aumen, Regional Science Advisor - South Florida, Center for Collaborative Research, US Geological Survey, Davie, FL

Brittany M. Bernik, Science Policy Fellow - NASEM Gulf Research Program, Gulf Coast Ecosystem Restoration Council, New Orleans, LA

Plenary Session: Gulf of Mexico - Defining Restoration Success from the Local to National Level

A series of four panels will focus on a different aspect or component of restoration in order to address the following question from multiple angles: Gulf Ecosystem Restoration - What Does Success Look Like? Panelists represent a diverse cross-section of disciplines including scientists, decision-makers, restoration planners, and funders, from the Gulf Region and across the nation. This series is designed to provoke new ideas by engaging audience participants and facilitating dialogue among panel experts, furthering our understanding of restoration challenges, lessons-learned, and future opportunities. In keeping with the broader conference theme, what successful ecosystem restoration looks like will be examined from the local to national level, with a focus on identifying, measuring, achieving and communicating restoration goals. These discussions will also explore how restoration in the Gulf is influenced by work done elsewhere and how lessons learned in the Gulf might apply to other regions.

Panel Session Agenda:

9:00am - 10:15am Panel 1: Restoration Planning for Success
 10:15am - 10:45am REFRESHMENT BREAK
 10:45am - 12noon Panel 2: How Do You Assess Cumulative Effects of Regional Restoration Efforts and Evaluate Success?
 12noon - 1:30pm Lunch on Own
 1:30pm - 2:45pm Panel 3: Integrating Restoration Science and Decision-Making
 2:45pm - 3:15pm REFRESHMENT BREAK
 3:15pm - 4:30pm Panel 4: The Future of Restoration
 4:30pm - 5:00pm Keynote: **Susanne M. Torriente**, Assistant City Manager and Chief Resiliency Officer, City of Miami Beach, FL

Susanne will present the closing keynote address at the end of the Gulf of Mexico-themed plenary session - Gulf Ecosystem Restoration: What Does Success Look Like? As the Chief Resiliency Officer in a city tackling the challenges of sea level rise head on, Susanne Torriente will talk about the scale and complexity of scaling resilience planning and action at a city, county and regional level; as well as fully integrating resilience thinking into an organization's corporate culture and strategic budget process.

Welcome Networking Social

[Poster & Sponsor Display Area - Acadia Ballroom - Level 3]

Tuesday, August 28, 2018	
7:30am-5:00pm	Conference Registration Open [Acadia Ballroom Foyer - Level 3]
8:00am-9:00am	Early Morning Refreshments in Poster & Sponsor Display Area [Acadia Ballroom - Level 3]
9:00am-10:00am	<p><u>Plenary Session</u> [Mardi Gras Ballroom - Salons D & E - Level 3]</p> <p>Moderator: <i>Matthew C. Harwell</i>, Special Assistant to the Immediate Office, Gulf Ecology Division , National Health and Environmental Effects Research Laboratory, US EPA, Office of Research and Development , Gulf Breeze FL</p> <p><u>Presentation:</u> <i>Barry Gold</i>, Environment Program Director, Walton Family Foundation</p> <p>Adaptive Management Planning and Implementation in Ecological Restoration: Opportunities & Challenges A changing climate is forcing individuals, communities, businesses and governments to adapt. More frequent and more severe storms, prolonged droughts, and rising seas are among the challenges we all must confront as a “new normal” where we are working. This new approach is certainly true for those of us involved in coastal restoration. Barry Gold will talk about how the Walton Family Foundation is adapting its strategies, approaches and measures of success in the face of a changing climate, and what this means for the larger issue of the restoration of coastal wetlands across the Gulf of Mexico.</p>
10:00am-10:30am	Morning Break in Poster & Sponsor Display Area [Acadia Ballroom - Level 3]

Tuesday, August 28, 2018													
Concurrent Sessions — 10:30am - 12:00noon [Mardi Gras Ballroom - Level 3]													
Salon D		Salon E		Salong F&G		Salon A&B		Salon H		Salon C			
Session 1		Session 2		Session 3		Session 4		Session 5		Session 6			
Restoration of 30,000 Acres of Habitat: Science or Science Fiction?		Current Challenges for Ecosystem Restoration in Today's Economic and Political Landscape		Stakeholder Engagement Part 1: Collaboration to Achieve Landscape-Scale Objectives		Building Resilient Urban Coastal Environments and Communities through Science Based Eco-engineering		Emerging Eco-engineering and Seed Enhancement Technologies to Combat Land Degradation		Tools and Strategies for Informed Decision Making			
Darcy Austin Delta Stewardship Council Sacramento, CA		Natalie Peyronnin Environmental Defense Fund, Washington, DC		John Tull U.S. Fish and Wildlife Service Reno, NV		Shimrit Perkol-Finkel EConcrete Tech Ltd Tel Aviv, Israel		Todd Erickson Univ. of Western Australia Kings Park Science, Perth, Western Australia		Jeff Trulick US Army Corps of Engineers Washington, DC			
10:30am		Introduction		Introduction		Introduction		Introduction		Introduction			
10:40am		Lauren Hastings Delta Stewardship Council Developing an Adaptive Management Program for California EcoRestore		Brett Berkley GreenVest, LLC Developing and Leveraging a Public-Private Partnership for A Large-Scale Stream and Wetland Restoration on Federal Property		Bethany Carl Kraft Volkert, Inc. Can Every Stakeholder Feel Heard in Large-Scale, Multi-Resource Programs? Lessons From the Gulf of Mexico		Shimrit Perkol-Finkel EConcrete Tech Ltd Bringing Concrete to Life: Harnessing Biological Processes for Building Resilient Coastal Infrastructure		David Merritt Department of Biodiversity, Conservation and Attractions Addressing Limitations to Seed Recruitment in Large Scale Restoration		Maggie Christman Delta Stewardship Council Linking Science to Decision-Making Through Synthesis and Communication in California's Sacramento-San Joaquin Delta	
11:00am		Campbell Ingram Sacramento-San Joaquin Delta Conservancy Regional Restoration Planning: a Case Study in Collaborative Restoration Science and Planning		Mindy Simmons US Army Corps of Engineers Ecosystem Restoration for the US Army Corps of Engineers in a Changing "Climate"- a National Perspective		Rob Campellone U.S. Fish and Wildlife Service The ICASS Platform: Nine Principles for Landscape Conservation Design		Mart Black Terrebonne Parish Consolidated Government Promoting Resiliency through Science-Based Eco-Engineering in a Coastal Louisiana Parish		Matthew Madsen Brigham Young University Use of Seed Enhancement Technologies for Overcoming Abiotic and Biotic Limitations to Native Plant Establishment		Douglas Norton EPA Informing Gulf Coast (DWH-NRDA) Ecological Restoration Options with the Recovery Potential Screening Tool	
11:20am		Rosemary Hartman California Department of Fish and Wildlife Evaluating Restoration Effectiveness: a Tidal Wetland Monitoring Framework for California's Sacramento-San Joaquin Delta		Simone Maloz Restore or Retreat Financing Louisiana's Coast		Aimee Roberson American Bird Observatory Dos Rios Conservation Collaborative: A Stakeholder-Driven Approach to Achieving Landscape-Scale Objectives		Tyler Ortego ORA Technologies Let the Oysters Do the Work: A Proposal for Creating Truly Biogenic Structures for Resilience and Restoration		Travis Sowards Brigham Young University Efficacy of Abscisic Acid (ABA) in Delaying Germination of <i>Pseudoroegneria spicata</i> to Reduce Seeding Failure in Sagebrush-steppe Restoration Efforts		Kate Buenau Pacific Northwest National Laboratory Missouri River Restoration: Science and Decision Strategies for Long-Term Recovery	
11:40am		Ramona Swenson Environmental Science Associates (ESA) Early Implementation: Lessons Learned from the Tule Red Restoration Project)		Kathleen Sullivan Sealey University of Miami Hurricanes, Coastal Restoration and Climate Finance for Small Island Developing States: Study of the Bahamas		John Tull U.S. Fish and Wildlife Service Results-Oriented Grazing for Ecological Resilience: A Case Example of Co-Producing Conservation-Based Outcomes on Working Lands in the Great Basin		Leslie Suazo Ducks Unlimited, Inc. Powerful Partnerships Promote Community Resilience – The Role of NGOs in Coastal Louisiana		Todd Erickson Uni. of Western Australia / Kings Park Science Recent Advancements in Restoration-engineering and Seed Enhancement Technologies for Use in Mine Rehabilitation		Auriel Fournier Mississippi State University Guiding Coordinated Bird Monitoring Decisions Through Structured Decision Making	
12noon-1:30pm		Lunch on Own											

Tuesday, August 28, 2018									
Concurrent Sessions — 1:30pm - 3:00pm [Mardi Gras Ballroom - Level 3]									
Salon D		Salon E		Salong F&G	Salon A&B	Salon H	Salon C		
Session 7		Session 8		Session 9	Session 10	Session 11	Session 12		
<p>Maximizing Wetland functions from Restoration Dollars when Constructing Wetlands from Dredged Material: Part 1</p> <p>John Andrew Nyman Louisiana State University Agricultural Center, Baton Rouge, LA</p>		<p>Integrating Independent Science Review through the Adaptive Management Cycle</p> <p>Todd Caplan GeoSystems Analysis, Inc Albuquerque, NM</p>		<p>Stakeholder Engagement Part 2: Development and Communication of Landscape-Scale Adaptation Strategies</p> <p>Genevieve Johnson Bureau of Reclamation Boulder City, NV</p>	<p>Ecosystem Restoration as a Tool for Enhancing Resiliency</p> <p>Eric Sparks Mississippi State University Biloxi, MS</p>	<p>Challenges and Changes in the Missouri River Recovery Program</p> <p>Mark Harberg USACE, Missouri River Recovery Program Senior Program Manager Omaha, NE</p>	<p>The Apalachicola Regional Restoration Initiative: Restoring the Apalachicola River and Bay</p> <p>Jason Drake and Paul Medley National Forests in Florida Tallahassee, FL</p>		
1:30pm		Introduction		Introduction	Introduction	Introduction	Introduction		
1:40pm		<p>Gregg Fell Natural Resource Professionals, LLC</p> <p>Privately Funded Marsh Creation Utilizing Dredge Material from the Mississippi River</p>		<p>Tiffany Vanosdall USACE, Omaha District</p> <p>Use of Independent Science Review to Improve Science and Collaboration During Development and Implementation of Adaptive Management on the Missouri River</p>		<p>Logan Benedict Florida Fish and Wildlife Research Institute</p> <p>Florida Keys Case Study on Incorporating Climate Change Considerations into Conservation Planning and Actions for Threatened and Endangered Species</p>	<p>Michael Burton Stantec Consulting Services</p> <p>Planning and Designing Resilient Shoreline Stabilization Solutions – Case Study: Three Sisters Springs</p>	<p>Craig Fleming USACE, Integrated Science Program</p> <p>Evolution of Adaptive Management for the Missouri River Recovery Program</p>	<p>Brian Pelc The Nature Conservancy</p> <p>The Apalachicola Regional Restoration Initiative: Principles of Partnership</p>
2:00pm		<p>Leigh Anne Sharp Coastal Protection and Restoration Authority (CPRA) Louisiana State University</p> <p>Lessons Learned from Marsh Creation Vegetation Monitoring – Assessing the Need For Plantings and Regional Variation in Vegetation Establishment</p>		<p>Steve Bosquin South Florida Water Management District</p> <p>The Role of Independent Science Review in Restoration Evaluation, Planning, Implementation, and Adaptive Management for the Kissimmee River Restoration Project</p>		<p>Scott Hemmerling The Water Institute of the Gulf</p> <p>Incorporating Local Knowledge into Ecological Restoration Assessments – Case Studies in Coastal Louisiana</p>	<p>Cathleen Wigand US EPA</p> <p>Salt Marsh Sustainability in New England: Progress and Remaining Challenges</p>	<p>Eric Laux USACE, Omaha District</p> <p>How to Deal with Uncertainty and Objectives: Pallid Sturgeon Case Study</p>	<p>Amy Jenkins Florida Natural Areas Inventory</p> <p>Historic Natural Community Mapping and Rare Plant Surveys in the Apalachicola Region</p>
2:20pm		<p>Paul Leberg University of Louisiana at Lafayette</p> <p>Influences of Coastal Island Restoration on Seabird Populations and Their Nest Predators</p>		<p>Edmund Yu Delta Science Program, Delta Stewardship Council</p> <p>Adaptively Managing the California Delta: The Use of Independent Review</p>		<p>Kristen Bouska U.S. Geological Survey</p> <p>A Resilience Assessment of the Upper Mississippi River System</p>	<p>Thomas Ries Environmental Science Associates</p> <p>An Assessment of Living Shorelines/Natural Infrastructure Solutions - Towards Improving Ecosystem Resiliency</p>	<p>Mike Snyder USACE, Kansas City District</p> <p>Walking the Tightrope: Balancing Certainty of Action for ESA Compliance and Scientific Uncertainty through Adaptive Management on the Missouri River</p>	<p>John Hogland USFS Rocky Mountain Research Station</p> <p>Estimating Characteristics of Forests in the Apalachicola Region Using Remotely Sensed Imagery and Field Samples</p>
2:40pm		<p>Haoran Liu Louisiana State University</p> <p>Sediment Transport and Infilling Processes of Dredge Pits on the Louisiana Shelf</p>		<p>Scott VanderKooi US Geological Survey</p> <p>The Role of Independent Science Review in Adaptive Management of the Colorado River in Grand Canyon</p>		<p>Genevieve Johnson Bureau of Reclamation</p> <p>A Lessons-Learned Toolbox for Collaborative Conservation and Adaptation Strategies</p>	<p>Matthew Starr Stantec Consulting Services</p> <p>Keys to Planning, Designing and Permitting Resilient Coastal Restoration Projects</p>	<p>Mary Roth USACE, Northwest Division</p> <p>Missouri River Recovery Program Adaptive Management Governance and the Collaborative Process</p>	<p>Colin Stief Chesapeake Conservancy, Conservation Innovation Center</p> <p>Collaborative Planning for Apalachicola Restoration in High Resolution</p>
3:00pm-3:30pm		<p>Afternoon Break in Poster & Sponsor Display Area [Acadia Ballroom - Level 3]</p>							

Tuesday, August 28, 2018

Concurrent Sessions — 3:30pm - 5:00pm [Mardi Gras Ballroom - Level 3]

	Salon D	Salon E	Salong F&G	Salon A&B	Salon H	Salon C
	Session 13	Session 14	Session 15	Session 16	Session 17	Session 18
	Maximizing Wetland functions from Restoration Dollars When Constructing Wetlands from Dredged Material: Part 2 Leigh Anne Sharp Coastal Protection and Restoration Authority Lafayette, LA	Use of Ecological Expertise for Communicating Sound Management Advice Rebecca Allee National Oceanic and Atmospheric Administration Stennis Space Center, MS	Stakeholder Engagement Part 3: Community Engagement to Inform Planning and Maintain Project Support Cary Ehrman Ramboll Columbus, OH	A Multi-Discipline and Multi-Benefit Approach for Improving Natural Systems in the Greater Toronto Area John Stille Toronto and Region Conservation Toronto, Ontario	Gulf Coast Restoration Challenges and Opportunities Chris Warn Environmental Science Associates (ESA) Sarasota, FL	Coastal Restoration on Long Island: Getting to Scale Stuart Lowrie The Nature Conservancy on Long Island East Hampton, NY
3:30pm	Introduction	Introduction	Introduction	Introduction	Introduction	Introduction
3:40pm	Mike Carloss Ducks Unlimited Beneficial Use of Dredged Material – A Texas Project Case Study with Public/Private Partnership Benefits and Future Plans	Panelists: Ruth Carmichael Dauphin Island Sea Lab Renee Collini Northern Gulf of Mexico Sentinel Site Cooperative Kelly Darnell Gulf Coast Research Laboratory, University of Southern Mississippi Kathy Goodin NatureServe	Gabriela González-Olimón Sonoran Institute A Community Meets a River: the Colorado River Delta Restoration Project	John Stille Toronto and Region Conservation Authority Integrated Restoration Prioritization: A Strategic Tool for Improving Natural Systems in the Greater Toronto Area	Doug Robison Environmental Science Associates (ESA) Overview of the RESTORE Act State Expenditure Plan for the State of Florida	Stuart Lowrie The Nature Conservancy on Long Island, East Hampton, NY The Critical Path to Achieve Coastal Restoration on Long Island
4:00pm	Irving Mendelsohn Louisiana State University Controls on Successful Marsh Restoration with Dredged Sediment-Slurries	The purpose of this panel is to open a dialogue about communicating ecosystem science to natural resource managers and other decision-makers. Panelist will discuss the inclusion of stakeholders throughout project conception and implementation and the transition of ecological knowledge to coastal managers to help identify suitable restoration sites and improve coastal resiliency. Panelists will discuss how data and new science can be integrated into daily decision-making processes at the local and regional levels.	Daniel Halsey SouthWoods Ecosystems Visualizing Strategy for Stakeholder Engagement and Buy-In	Ralph Toninger Toronto and Region Conservation Utilizing Collaborative Regional Based Prioritization to Garner Support and Funding for Restoration Implementation Programming	Roberta Swann Mobile Bay National Estuary Program Using Science to Engage Communities in Restoring Alabama's Coast	Peter Scully Deputy County Executive for Administration, Suffolk County Executive's Office, NY Government Leadership and Innovation to Restore Coastal Ecosystems on Long Island
4:20pm	Thomas McGinnis Coastal Protection and Restoration Authority Dredged Material Settlement from Marsh Creation Projects Conducted in Coastal Louisiana		Matthew Harwell US EPA Decision Support Tools as Opportunities for Engagement and Communication	John DiRocco Toronto and Region Conservation Reach Based Restoration Construction Practices: Successes and Lessons Learned from Decades of Implementation	Brett Geesey HDR Engineering, Inc. Keeping up with the Tide - Restoration Design Considerations in the Soft Soils of Coastal Louisiana	Chris Clapp The Nature Conservancy on Long Island Implementation: Technology and Funding
4:40pm	John Andrew Nyman Louisiana State University Agricultural Center Created Marshes Could Support More Fish and Crustaceans If They Were Designed with Lower Elevation and More Edges		Cary Ehrman Ramboll US Corporation Case Study: Consulting Local Communities to Assess Impacts and Promote Awareness and Participation, Port of Port Moresby Relocation, Port Moresby, Papua New Guinea	Patrick Esson Toronto and Region Conservation Determining Practical Key Performance Measures for Ecological Restoration Practitioners: Challenges and Considerations	Juan Moya Freese and Nichols Recent Coastal Geomorphological Changes of the Old Brazos River Delta: Morphodynamic Processes Affecting Habitat Adaptations	Holly Drinkuth The Nature Conservancy in Connecticut Replicating for Greater Impact: Adapting for Success in Long Island Sound
5:00pm - 6:00pm	Special Plenary Session: Join us for Two Meetings of the Society for Ecological Restoration [Mardi Gras Ballroom - Salon D - Level 3]					

Tuesday, August 28, 2018	
5:00pm - 6:00pm	<p><u>Special Plenary Session:</u> Join us for Two Meetings of the Society for Ecological Restoration [Mardi Gras Ballroom - Salon D - Level 3]</p>
5:00pm - 5:30pm	<p>Certified Ecological Restoration Practitioner (CERP) Q&A Session</p> <p>MODERATOR: <i>Jennifer Lyndall</i>, SER Certification Program Coordinator</p> <p>All NCER attendees are invited to attend this meeting to learn more about SER's ecological restoration practitioner certification program that encourages a high professional standard for those who are designing, implementing, overseeing, and monitoring restoration projects throughout the world.</p>
5:30pm - 6:00pm	<p>Annual Meeting of SER's Large-Scale Ecosystem Restoration Section (LERS)</p> <p>MODERATOR: <i>Matt Grabau</i>, LERS President</p> <p>All NCER attendees involved in large scale restoration are invited to attend this session and learn how you can collaborate with the best and brightest from across the globe to advance ecosystem restoration.</p> <p>LERS provides a forum for exchanging ideas, approaches, lessons learned, and data relevant to the planning, policy, science, and engineering of large-scale ecosystem restoration programs. <i>Be sure to join us!</i></p>
6:00pm	<p>Evening on Own</p>

	<p>Wednesday, August 29, 2018</p>
<p>7:30am-5:30pm</p>	<p>Conference Registration Open [Acadia Ballroom Foyer - Level 3]</p>
<p>8:00am-9:00am</p>	<p>Early Morning Refreshments in Poster & Sponsor Display Area [Acadia Ballroom - Level 3]</p>
<p>9:00am-10:00am</p>	<p><u>Plenary Session</u> [Mardi Gras Ballroom - Salons D & E - Level 3]</p> <p>Moderator: <i>Darcy Austin</i>, Program Manager II, Delta Science Program, Delta Stewardship Council, Sacramento, CA</p> <p><u>Presentation:</u> <i>Peter Goodwin</i>, President, UMCES</p> <p>Integrating Science into Decision Making: Linking River Management and Coastal Restoration Water quality and quantity have broad impacts including ecosystem health, agricultural and fishery resources, and quality of life. Environmental managers face challenges from estimating effectiveness of restoration practices, competing stakeholder requests, and potentially high financial and societal costs. Peter Goodwin will speak about his experiences applying ecohydraulic (linkages between physical processes, management actions, and ecological responses) principles while serving as the Lead Scientist for the California Delta Science Program as well as a former member of the CALFED Independent Science Board.</p>
<p>10:00am-10:30am</p>	<p>Morning Break in Poster & Sponsor Display Area [Acadia Ballroom - Level 3]</p>

Wednesday, August 29, 2018						
Concurrent Sessions — 10:30am - 12:00noon [Mardi Gras Ballroom - Level 3]						
	Salon D	Salon E	Salong F&G	Salon A&B	Salon H	Salon C
	Session 19	Session 20	Session 21	Session 22	Session 23	Session 24
	Data Management Best Practices for Ecological Restoration	Approaches to Demonstrating the Cumulative Effects of Large-Scale Ecosystem Restoration	Drones 101: An Introduction to Drones as a Restoration Tool	Engaging Non-traditional Partners in Restoration Projects	Chesapeake Bay Adaptive Management and Decision-making	Use of Models in Ecosystem Restoration
	Judith Schofield GDIT, Alexandria, VA and Louis Blume, USEPA, Chicago, IL	Heida Diefenderfer and Gary Johnson Pacific Northwest National Laboratory Sequim, WA	Joe Baustian The Nature Conservancy Baton Rouge, LA	Kim Reyher Coalition to Restore Coastal Louisiana Baton Rouge, LA	Mike Chotkowski US Geological Survey Sacramento, CA	Mike Burton Stantec Sarasota, FL
10-30am	Introduction	Introduction	Introduction	Introduction	Introduction	Introduction
10-40am	<p>Robert Sutter GDIT</p> <p>A Future For Data: An Overview of Data Management for Analysis, Decision-making and Reuse</p>	<p>Panelists: Kate E. Buenau Pacific Northwest National Laboratory</p> <p>Andrew J. Loschiavo U.S. Army Corps of Engineers-Jacksonville District</p> <p>Gregory D. Steyer U.S. Geological Survey</p> <p>Elene Trujillo Puget Sound Partnership</p> <p>Panelists representing the Florida Everglades, Gulf Coast, Missouri River and Puget Sound will discuss emerging methods that large-scale ecosystem restoration programs nationwide are developing to evaluate cumulative effects of multiple restoration actions at ecosystem and landscape scales.</p>	<p>Session Description: Unmanned aerial vehicles, or drones, are becoming increasingly popular tools in the research and restoration community, but how useful are they really? This session gives an overview of drone technology, operation principles, applicable laws, equipment costs, limitations, training and learning curves and usefulness of this technology for research and restoration professionals.</p>	<p>Helen Rose Patterson National Wildlife Federation</p> <p>A Rabbi, A Priest and An Imam Get on Boat: Engaging the Faith Community in Louisiana's Land Loss Crisis</p>	<p>Mike Chotkowski US Geological Survey</p> <p>Using Decision Support Relationships to Improve Ecosystem Management</p>	<p>Leonard Pearlstine Everglades National Park</p> <p>Probabilistic Simulation of Vegetation Dynamics in the Everglades Vegetation Succession Model (ELVES)</p>
11-00am	<p>Craig Palmer GDIT</p> <p>The Role of Data Management in Quality Assurance of Ecological Restoration Data</p>			<p>Samantha Carter National Wildlife Federation</p> <p>Cooking Up the Coast: How Chefs Can Help Restoration Efforts</p>	<p>David Goshorn Maryland Department of Natural Resources</p> <p>The Chesapeake Bay Partnership's Strategy Review System: Developing an Adaptive Management System for Restoring the Chesapeake Bay</p>	<p>Zhonglong Zhang LimnoTech, ERDC Environmental Laboratory</p> <p>An Integrated HEC-RAS and Riparian Vegetation Simulation Module System and Its Application to the Sacramento River</p>
11-20am	<p>Brick Fevold GDIT</p> <p>A Data Management Plan Template for Ecological Restoration and Monitoring</p>			<p>John O'Donnell Lake Pontchartrain Basin Foundation</p> <p>Improving Water Quality through Intensive Community Engagement</p>	<p>Laura Drescher US EPA</p> <p>Is It Working? Evaluating Successes and Challenges in Implementing Adaptive Management in the Chesapeake Bay Program Partnership</p>	<p>Andrew Guzzomi University of Western Australia</p> <p>Restoration-Engineering – A Blended Science-Engineering Model</p>
11-40am	<p>Todd Redder LimnoTech</p> <p>Application of Data Management and Decision Support Tools to Support Coastal Wetland Management in the Laurentian Great Lakes</p>		<p>Whitney Broussard JESCO, Inc.</p> <p>Mapping Coastal Land Use, Elevation, and Wetland Vegetation with UAS (Drone) Imagery</p>	<p>Corey Miller Coalition to Restore Coastal Louisiana</p> <p>Managing Natural Resource Conflicts while Implementing Large-Scale Ecosystem Restoration</p>	<p>Lucinda Power US EPA</p> <p>A Changing Chesapeake Bay: A New Paradigm for Stakeholder Engagement</p>	<p>Kevin McIntyre Jones Research Center</p> <p>Using Wildlife Habitat Models to Evaluate Management Endpoints for Open Pine Woodland and Savanna</p>
12noon-1:30pm	Lunch on Own					

Wednesday, August 29, 2018						
Concurrent Sessions — 1:30pm - 3:00pm [Mardi Gras Ballroom - Level 3]						
	Salon D	Salon E	Salong F&G	Salon A&B	Salon H	Salon C
	Session 25	Session 26	Session 27	Session 28	Session 29	Session 30
	Approaches to Improve Quality and Reliability of Data Collected for Ecological Restoration Projects Craig Palmer GDIT Alexandria, VA	Measuring Success of Multiple Gulf Coast Restoration Programs: Accountability for Long-Term Success David Hanson HansonRM Blaine, WA	Drones 201: A Primer on Analyzing Drone Data Dan Staley Arbor Drone, LLC Aurora, CO	Plant Materials: The Seeds of Restoration Matthew Grabau US Fish and Wildlife Service, Tucson, AZ	Tools for Assessing Ecosystem Services in Restoration: Part 1 Matt Harwell USEPA, Gulf Breeze, FL	Changing Hydrologic Conditions Mirka Zapletal US Geological Survey Lafayette, LA
1:30pm	Introduction	Introduction	Introduction	Introduction	Introduction	Introduction
1:40pm	Louis Blume USEPA Guidance for the Application of Quality Assurance and Quality Control Principles to Ecological Restoration Project Monitoring	<u>Panelists:</u> Lt. Gen. Jeffrey Talley (ret) Sharon Mesick NOAA National Center for Environmental Information Robert Moorhead Northern Gulf Institute, Mississippi State University Buck Sutter RESTORE Council	<u>Session Description:</u> This session details what research and restoration professionals need to know when considering how to collect and analyze data with a drone. We'll cover sensors ranging from visual to multispectral, hyperspectral and LiDAR; and, data analysis ranging from laptop programs, cloud-based subscriptions, and data analysis companies. Attendees will also learn issues surrounding data collection in the field, costs of data analysis, and view equipment and data from several widely differing missions.	Joan Walker US Forest Service, Southern Research Station Are Seed Collection Zones Needed for Sourcing Plant Materials in Longleaf Pine Ecosystem Restoration?	Leah Sharpe US Environmental Protection Agency A Tool for Assessing Ecosystem Goods and Services in Ecosystem Restoration - The Final Ecosystem Goods and Services Scoping Tool	Jennifer Mouton CPRA Lowermost Mississippi River Management Program
2:00pm	Justin Telech GDIT Project Planning Tools to Improve Data Quality	Expert panelists will discuss innovative approaches to measuring the cumulative success and benefits from multiple restoration programs while focusing on (1) the challenges and opportunities associated with meta-analysis of the massive amount of data generated from DWH settlement activities; and (2) how advancements in technology can be incorporated in the effort to understand overall restoration success when the focus on funding monitoring activities is on project performance.		R. Alan Shadow USDA NRCS Longleaf Pine Understory Native Plant Development at The USDA NRCS East Texas Plant Materials Center	Marc Russell US Environmental Protection Agency Assessing Ecosystem Services Supply for Restoration Scenarios	David Tomasko Environmental Science Associates Ecosystem Restoration Via Reestablishing Historical Tidal Patterns
2:20pm	Raymond D'Hollander Parsons Integration of Design Factors into Post-Construction Ecological Restoration QA/QC			Justin Blake Taylor Brigham Young University Seed Coating Technologies that Reduce Rodent Granivory during Rangeland Re seeding	Justin Bousquin US Environmental Protection Agency Benefit Indicator Tools for Assessing Restoration Projects Based on Who Benefits From Restored Ecosystem Services	Honora Buras CPRA Evaluating Future Success of a Freshwater River Re-Introduction to the Floodplain Forests of Maurepas Swamp, Louisiana
2:40pm	Edward Roseman USGS Great Lakes Science Center Developing a Science and Monitoring Strategy to Assess Recovery of Fisheries Habitats and Populations in the St. Clair-Detroit River System			Miriam Muñoz-Rojas The University of Western Australia Innovative Strategies for Restoring Functionality of Reconstructed Soils in Dry Land	Kamran Abdollahi Southern University Agricultural Research and Extension Center Monitoring Urban Forest Structure and Function after Hurricane and Assessing Ecosystem Services for Louisiana Cities	Fred Sklar South Florida Water Management District The Everglades: At the Forefront of Transition
3:00pm-3:30pm	Afternoon Break in Poster & Sponsor Display Area [Acadia Ballroom - Level 3]					

Wednesday, August 29, 2018					
Concurrent Sessions — 3:30pm - 5:00pm [Mardi Gras Ballroom - Level 3]					
	Salon F&G	Salon E	Salong A&B	Salon H	Salon C
	Session 31	Session 32	Session 33	Session 34	Session 35
	<p>Colorado River Delta Restoration – Insights into Binational Cooperation and Sustainability</p> <p>Peter Skidmore Walton Family Foundation, Denver, CO</p>	<p>Implementation of Large-Scale River Diversions: Stakeholders’ Perspectives</p> <p>Brad Inman US Army Corps of Engineers, New Orleans District, LA</p>	<p>Incorporation of Science, Monitoring, and Modeling in System Wide Restoration Planning</p> <p>Ann Hijuelos US Geological Survey, New Orleans, LA</p>	<p>Hurricanes and Other Extreme Weather Events: How they Impact Ecosystem Restoration Plans</p> <p>Mike Donahue AECOM, Traverse City, MI</p>	<p>Tools for Assessing Ecosystem Services in Restoration: Part 2</p> <p>Deborah January-Bevers Houston Wilderness, Houston, TX</p>
3:30pm	Introduction	Introduction	Introduction	Introduction	Introduction
3:40pm	<p>Osvel Hinojosa Pronatura Noroeste</p> <p>Binational Cooperation in Restoring the Colorado River Delta - Stakeholder and Government Engagement Across Borders</p>	<p>Jeff Varisco US Army Corps of Engineers, New Orleans District</p> <p>Implementation of Large-Scale River Diversions: A Regulatory Agency’s Perspective</p>	<p>Julien Lartigue NOAA RESTORE Science Program</p> <p>Actionable Science in The Gulf of Mexico: Connecting Researchers and Resource Managers</p>	<p>Tony Williams Texas General Land Office</p> <p>Coastal Planning in Texas</p>	<p>Gary Palmer Griffith University</p> <p>Turning Over a New Leaf: Long-Term Monitoring for Improved Ecological Restoration</p>
4:00pm	<p>Edgar Carrera The Nature Conservancy</p> <p>Restoration Monitoring - A Spectrum of Questions, Interests, and Audiences</p>	<p>Mel Landry NOAA Restoration Center</p> <p>Implementation of Large-Scale River Diversions: A Natural Resource Damage Assessment (NRDA) Trustee’s Perspective</p>	<p>George Ramseur Jr. State of Mississippi</p> <p>The LA, MS, AL Coastal System (LMACS) Comprehensive Estuarine Assessment & Restoration Implementation Plan</p>	<p>Chris Mack AECOM</p> <p>The South Carolina Floods: Enhancing Community Resiliency with Adaptive Risk Management Strategies</p>	<p>Eldon Blancher Moffat & Nichol</p> <p>Calculating Net Ecosystem Service Benefits for the Lightning Point Living Shoreline, Bayou La Batre, Alabama</p>
4:20pm	<p>Karen Schlatter Sonoran Institute</p> <p>Progress and Trends in Restoration Planning and Implementation in the Colorado River Delta</p>	<p>Bradley Barth Coastal Protection and Restoration Authority (CPRA) of Louisiana</p> <p>Implementation of Large-Scale River Diversions: An Applicant’s Perspective</p>	<p>Ann Hijuelos US Geological Survey</p> <p>Monitoring and Adaptive Management Manual to Support Integrated Ecosystem Restoration for The Deepwater Horizon Oil Spill</p>	<p>Christopher Benosky AECOM</p> <p>Resiliency in Design: the RBD Meadowlands Project</p>	<p>Matt Gorstein NOAA</p> <p>Storm Damage Reduction Benefits Of Natural Infrastructure In The Jacques Cousteau Nerr</p>
4:40pm	<p>Peter Skidmore Walton Family Foundation</p> <p>Looking Forward: Scale, Sustainability, and Governance Opportunities and Challenges in the Colorado River Delta</p>	<p>Eddy Carter G.E.C., Inc.</p> <p>Implementation of Large-Scale River Diversions: A Contractor’s Perspective</p>	<p>Michelle Meyers US Geological Survey</p> <p>A Network of Networks: Building Out the Restore Council’s Monitoring and Assessment Program</p>	<p>Denise Reed University of New Orleans</p> <p>Extreme Events: Obstacles and Opportunities for Large Scale Ecosystem Restoration</p>	<p>Deborah January-Bevers Houston Wilderness</p> <p>Environmental Attitudes and Florida Resident’s Willingness to Pay for Everglades Restoration</p>
5:00pm-8:00pm	<p>Poster Session and Networking Reception [Acadia Ballroom - Level 3]</p>				

	<p>Thursday, August 30, 2018</p>
<p>7:30am-5:30pm</p>	<p>Conference Registration Open [Acadia Ballroom Foyer - Level 3]</p>
<p>8:00am-9:00am</p>	<p>Early Morning Refreshments in Poster & Sponsor Display Area [Acadia Ballroom - Level 3]</p>
<p>9:00am-10:00am</p>	<p style="text-align: center;"><u>Plenary Session</u> [Mardi Gras Ballroom - Salons D & E - Level 3]</p> <p>Moderator: <i>Ryan Clark</i>, Conference Co-Chair, Research Scientist, The Water Institute, and Immediate Past President, and President, Large Scale Ecosystem Restoration Section (LERS) of the Society for Ecological Restoration, Baton Rouge, LA</p> <p style="text-align: center;"><u>Presentation:</u> <i>PJ Marshall</i>, Co-Founder, Restore the Earth</p> <p style="text-align: center;">Bridging Upland and Coastal Restoration at the Watershed Scale: Restoring North America’s Amazon to its Natural State</p> <p>At the Paris Agreement discussions about Climate Change, the buzz was about the potential for landscape scale restoration of forests and wetlands to reduce global warming by 0.5°C, twenty-five percent of the 2°C reduction goal. Restore the Earth is restoring 1 million acres in the Mississippi River Basin and its coastal wetlands, “North America’s Amazon”. P.J. Marshall will share the business case Restore the Earth developed and implemented in the gulf coast, securing major private and public investment in landscape-scale restoration. This project is a business-led model that leverages private funds to access public funds, can be scaled and replicated and is supported by the EcoMetrics™ to account, verify and report on the multiple benefits and value for multiple stakeholders.</p>
<p>10:00am-10:30am</p>	<p>Morning Break in Poster & Sponsor Display Area [Acadia Ballroom - Level 3]</p>

Thursday, August 30, 2018					
Concurrent Sessions — 10:30am - 12:00noon [Mardi Gras Ballroom - Level 3]					
	Salong F&G	Salon E	Salon A&B	Salon H	Salon C
	Session 36	Session 37	Session 38	Session 39	Session 40
	<p>Hydrologic Restoration Part 1: Re-Establishing Ecological Processes in Freshwater Ecosystems</p> <p>Matthew Grabau US Fish and Wildlife Service, Tucson, AZ</p>	<p>Public-Private-NGO Partnerships for Enhancing Resilience of the Working Coast via Ecosystem Restoration</p> <p>Justin Ehrenwerth The Water Institute of the Gulf, Baton Rouge, LA</p>	<p>Ecological Site Descriptions (ESDs): Introduction to a Landscape Restoration Tool</p> <p>Terrell Erickson USDA Natural Resources Conservation Service, Washington, D.C.</p>	<p>Ecosystem Scale Oyster Reef Restoration in the Chesapeake Bay: Lessons in Partnerships and Science to Achieve Results</p> <p>Bruce Vogt NOAA, Annapolis, MD</p>	<p>Determining Everglades Ecosystem Restoration Benefits for Projects</p> <p>Andrew LoSchiavo U.S. Army Corps of Engineers, Jacksonville, FL</p>
	Introduction	Introduction	Introduction	Introduction	Introduction
10:30am					
10:40am	<p>Nicholas Nelson Inter-Fluve, Inc.</p> <p>The Ecology of Dam Removal - A National Look at Ecosystem Restoration Challenges and Opportunities for Removal of River Barriers</p>	<p>Panelists: Ian Voparil Shell</p> <p>Joni Tuck Greater Lafourche Port Commission</p> <p>Simone Maloz Restore or Retreat</p> <p>Mead Allison Tulane University</p> <p>Leah Brown Chevron</p>	<p>Jamin Johanson USDA Natural Resources Conservation Service</p> <p>Introduction and Overview of Ecological Site Descriptions and their History</p>	<p>Susan Conner U.S. Army Corps of Engineers</p> <p>Tributary Scale Oyster Restoration in the Chesapeake Bay: Setting Goals to Drive Partnerships and Collaboration</p>	<p>Jenna May U.S. Army Corps of Engineers</p> <p>RECOVER Applied Science Framework Supporting Everglades Restoration Implementation</p>
11:00am	<p>Lisa Hollingsworth-Segedy American Rivers</p> <p>Sediment Management for Dam Removal: A Review of Regulations, Guidance, and Best Practices</p>	<p>Public-Private-NGO Partnerships (P3+) were formed to combine the resources and expertise of public, private, and NGOs to enhance coastal habitat and provide protection to critical infrastructure and communities, using the dredged material created by port expansion. Advanced science and engineering are being used to optimize the protective and habitat services provided by the restored ecosystems. This approach can serve as a model for collaborative planning and shared funding to construct nature-based defenses for infrastructure and communities.</p>	<p>Sarah Quistberg USDA Natural Resources Conservation Service</p> <p>Ecological Site Concepts for Wet Areas</p>	<p>Andrew McGowan NOAA Chesapeake Bay Office - ERT</p> <p>Location Matters: Habitat Mapping and GIS Tools Improve Oyster Restoration Siting And Survival</p>	<p>Michael Simmons U.S. Army Corps of Engineers</p> <p>RECOVER Evaluation of Restoration Outcomes</p>
11:20am	<p>Dave Buzan Freese and Nichols</p> <p>Environmental Flows in Texas: Successes and Lessons Learned</p>		<p>Stacey Clark USDA Natural Resources Conservation Service</p> <p>Use of Ecological Site Descriptions for Restoration and Conservation Planning</p>	<p>David Bruce NOAA Fisheries</p> <p>Quantifying Ecosystem Services of Restored Oyster Reefs</p>	<p>Gretchen Ehlinger U.S. Army Corps of Engineers</p> <p>Assessment of Actual Restoration Benefits</p>
11:40am	<p>G. Lynn Wingard US Geological Survey</p> <p>Estimating Pre-20th Century Hydrologic Conditions for Restoration of the Greater Everglades Ecosystem</p>		<p>Skye Wills USDA Natural Resources Conservation Service</p> <p>Dynamic Soil Properties in Organic Soils of Southeast Michigan: Case Study in Use of Ecological Site Concepts</p>	<p>Lauren Taneyhill ERT, Inc. / NOAA</p> <p>Sustaining Restored Oyster Reefs through Cross-Sector Partnerships</p>	<p>Howard Gonzales, Jr. U.S. Army Corps of Engineers</p> <p>Adaptive Management Actions to Improve Restoration Outcomes</p>
12noon-1:30pm	Lunch on Own				

Thursday, August 30, 2018					
Concurrent Sessions — 1:30pm - 3:00pm [Mardi Gras Ballroom - Level 3]					
	Salon F&G	Salon E	Salon A&B	Salon H	Salon C
	Session 41	Session 42	Session 43	Session 44	Session 45
	Hydrologic Restoration Part 2: Delivery of Water to the Coast and Managed through-estuary Flows	Sea Level Rise: Overcoming the Problems of Connecting Science to Management Part 1: Science	Local-scale Planning and Implementation of Restoration and Conservation	Thin Layer Placement of Dredged Material to Maintain Elevation in Salt Marshes Facing Sea Level Rise	Using Restorability and Resilience Concepts in Evaluating and Valuing Ecosystem Service Benefits of Restoration
	Ryan Clark The Water Institute of the Gulf, Baton Rouge, LA	Lynn Wingard U.S. Geological Survey, Reston, VA and Michael Savarese , Florida Gulf Coast University, Fort Myers, FL	Alice Bailey Environmental Consulting and Technology, Inc Ann Arbor, MI	Damarys Acevedo-Mackey US Army Engineer Research and Development Center Vicksburg, MS	Lisa Wainger Univ of Maryland Ctr Environmental Science Solomons, MD
	Introduction	Introduction	Introduction	Introduction	Introduction
1:30pm					
1:40pm	Rainer Hoenicke Delta Stewardship Council Advances in Establishing Science-based Inflow and Outflow Goals in the Sacramento-San Joaquin River Delta	Donald Cahoon U.S. Geological Survey Factors to Consider in Developing a Strategic Monitoring Network of Set-Mh Stations in the Northeast United States	Thomas Ankersen University of Florida College of Law From Shoreline to State Line: Integrating Marine Resource Restoration, Enhancement and Protection into Local Government Planning Processes	Elizabeth Murray US Army Engineer Research and Development Center Maintaining Salt Marshes in the Face of Sea Level Rise: Thin Layer Placement Opportunities, Practice and Challenges	Kristen Hychka Univ of Maryland Ctr for Environmental Science Measuring Resilience Derived from Habitat Connectivity to Improve Estimates of Restoration Benefits
2:00pm	Francisco Zamora Sonoran Institute Developing a Strategy for Reconnecting the Colorado River with the Sea	David Mallinson East Carolina University Past and Future Relative Sea-Level Rise and Coastal System Response; Southeast U.S. Atlantic Margin	Savanna Barry UF/IFAS Nature Coast Biological Station Building Consensus, Building A Shoreline: A Stakeholder-Driven Process to Address Erosion Along Cedar Key's Daughtry Bayou	Christine VanZomeren US Army Engineer Research and Development Center Soil Biogeochemistry Response Following Thin Layer Placement in a New Jersey Salt Marsh	Solange Filoso Univ of Maryland Ctr for Environmental Science Opportunities and Limits for Stream Restoration to Improve Watershed Functions and Increase Resilience
2:20pm	Sharlene Leurig Meadows Center for Water and the Environment Market-based Strategies for Ensuring Freshwater Inflows in Texas	Michael Savarese Florida Gulf Coast University Sea-Level Rise Rates, Projections, and Effects in Southern Florida: Connecting Science to Natural and Urban Resource Management	Peter Sheng University of Florida Adaptation of Coastal Natural and Urban Ecosystems (ACUNE) in SW Florida	Richard Ambrose University of California, Los Angeles Soils and Marsh Creek Evolution at a Marsh Augmentation Project in Seal Beach, Ca	Carolyn Currin NOAA National Centers for Coastal Ocean Science Measuring the Resilience of Salt Marshes Integrated into Living Shoreline and Other Nature-Based Efforts to Protect Coastal Infrastructure
2:40pm	Eric White The Water Institute of the Gulf Ecological Flow Modeling in Louisiana & Texas Estuaries	Krista Jankowski Louisiana Coastal Protection and Restoration Authority and Tulane University Ecosystem Vulnerability in a Changing World: The Case of Coastal Louisiana	Shaddi Kamel Louis Berger Higbee Beach Restoration Project – Restoration Built on the Shoulders of Collaboration	Susan Bailey US Army Engineer Research and Development Center Adapting a Model of Sediment Consolidation for Use in Marsh Thin Layer Projects	Susan Taylor Abt Associates Building Ecological and Community Resilience and Measuring Success of the Department of Interior Sandy Resilience and Monitoring Projects
3:00pm-3:30pm	Afternoon Break in Poster & Sponsor Display Area [Acadia Ballroom - Level 3]				

Thursday, August 30, 2018					
Concurrent Sessions — 3:30pm - 5:00pm [Mardi Gras Ballroom - Level 3]					
	Salon F&G	Salon E	Salon A&B	Salon H	Salon C
	Session 46	Session 47	Session 48	Session 49	Session 50
	<p>Hydrologic Restoration Part 3: Stream and Wetland Restoration in an Urban Environment</p> <p>Sharlene Leurig Meadow Center for Water and the Environment at Texas State University, San Marcos, TX</p>	<p>Sea Level Rise: Overcoming the Problems of Connecting Science to Management Part 2: Strategies</p> <p>Lynn Wingard U.S. Geological Survey, Reston, VA and Michael Savarese, Florida Gulf Coast University, Fort Myers, FL</p>	<p>Drought and Coastal Ecosystems: Monitoring and Modeling Using the Coastal Salinity Index</p> <p>Kirsten Lackstrom Carolinas Integrated Sciences & Assessments Columbia, SC</p>	<p>Multiple Benefits of Ecosystem Restoration Via the Beneficial Use of Dredged Material</p> <p>Mark R. Wingate US Army Corps of Engineers, New Orleans District, New Orleans, LA</p>	<p>Using Ecosystem Models to Evaluate Restoration Projects and Nature Based Defenses</p> <p>Ehab Meselhe and Melissa Baustian The Water Institute of the Gulf, Baton Rouge, LA</p>
3:30pm	Introduction	Introduction	Introduction	Introduction	Introduction
3:40pm	<p>Lynde Dodd US Army Research and Development Center</p> <p>Flood Protection and Ecosystem Restoration in an Urban Environment: The Dallas Floodway Extension, Dallas, Texas</p>	<p>Jennifer Jurado Natural Resources and Management Division, Broward County, FL John Tirpak U.S. Fish & Wildlife Service Denise Reed University of New Orleans David Kidwell NOAA</p> <p>The purpose of this session is to discuss strategies for effectively connecting scientific information on sea level rise to planners and decision makers addressing the impacts of sea level rise on ecosystems and communities. Panel members will discuss tools and methods that have worked, identify information gaps, and areas for improvement. The session will present the perspectives of decision-makers and scientists and will encourage audience participation to identify a path forward.</p>	<p>Kirsten Lackstrom Carolinas Integrated Sciences & Assessments</p> <p>Coastal Drought and Need for a Coastal Salinity Index</p>	<p>Burton Suedel US Army Engineer Research and Development Center</p> <p>Restoring River Island Habitat in the Atchafalaya River, LA, Using Engineering with Nature Principles</p>	<p>Gary Brown US Army Corps of Engineers</p> <p>Hydrodynamic, Salinity, And Morphologic Modeling of Basin-Side Effects Associated with Proposed Mississippi River Sediment Diversions using the Adaptive Hydraulics Model Coupled with the SEDLIB Sediment Transport Library</p>
4:00pm	<p>Isaac Hinson City of Charlotte Storm Water Services Division</p> <p>Consideration of Small-scale Stream and Wetland Restoration Efforts in an Urban Environment</p>		<p>Matthew Petkewich USGS</p> <p>Application of the Coastal Salinity Index along the Gulf of Mexico and the Southeastern Atlantic Ocean</p>	<p>Joseph Berlin AECOM</p> <p>Evaluation of a Beneficial Use Bank to Promote the Beneficial Use of Federal Dredged Material</p>	<p>Hongqing Wang USGS WARC</p> <p>Monitoring and Modeling of Wave and Current Energy Reduction by Living Shoreline Structures in Gandy's Beach, New Jersey</p>
4:20pm	<p>Sachin Apte Louis Berger Group</p> <p>New York City Overcomes Ecosystem Restoration Challenges in Current Economic Landscape by Constructing Its First Mitigation Bank as A Means to Restore Degraded Urban Wetlands</p>		<p>Christopher Swarzenski USGS</p> <p>Linking the Coastal Salinity Index with Freshwater Inflows to Characterize Salinity Variability in Gulf of Mexico Estuaries</p>	<p>Jamil Ibrahim Stantec Consulting Services</p> <p>Strategic Placement of Dredged Sediment to Naturally Accrete in Salt Marsh Systems</p>	<p>Ehab Meselhe The Water Institute of the Gulf</p> <p>Working with Local Communities to Develop a Nature-Based Defense Assessment and Solution Tool</p>
4:40pm	<p>John O'Meara Environmental Consulting & Technology, Inc.</p> <p>Implementation of Coastal Habitat in The Detroit Area of Concern - Stony and Celeron Islands</p>		<p>Simeon Yurek USGS</p> <p>Predicting Long Term Performance and Risk of Oyster Reef Restorations Under Deep Uncertainty in Climate and Management Policy</p>	<p>Tim Carruthers The Water Institute</p> <p>Potential Benefits to Wave Attenuation, Sediment Processes, and SAV Habitat from Terrace Restoration (SREDS)</p>	<p>Dubravko Justic Louisiana State University</p> <p>Forecasting Gulf of Mexico Hypoxia under Scenarios of Watershed and River Management</p>

	<p>Thursday, August 30, 2018</p>
<p>5:00pm-5:30pm</p>	<p style="text-align: center;">Closing Plenary [Mardi Gras Ballroom - Salon D - Level 3]</p> <p>Moderator: <i>Nicholas G. Aumen</i>, Regional Science Advisor - South Florida, Center for Collaborative Research, US Geological Survey, Davie, FL</p> <p style="text-align: center;">Presentation:</p> <p><i>Don Boesch</i>, Professor of Marine Science, University of Maryland Center for Environmental Science, Annapolis, MD</p> <p>Wrapping-up with the Big Picture: Science Communications and Stakeholder Engagement – <i>The Future of Restoration</i> Throughout this conference multiple presentations and plenary talks will have focused on restoring coastal ecosystems under multiple threats including continued growth and development pressures, pollution loading, a warming climate, and increasing rates of sea level rise. Don Boesch, relying on his vast scientific experience in the Chesapeake Bay and Gulf of Mexico, will summarize the important take-away messages from this conference in the context of federal and state environmental leadership (or lack thereof) while identifying important next steps for the scientific and management communities.</p>
<p>5:30pm-6:30pm</p>	<p style="text-align: center;">Closing Networking Social and Announcement of SER-LERS Student Competition Award Recipients [Acadia - Poster & Sponsor Display Area]</p> <p><i>Matt Grabau</i>, Conference Co-Chair, President, Large Scale Ecosystem Restoration Section (LERS) of the Society for Ecological Restoration, US Fish & Wildlife Service, Tucson, AZ</p> <p><i>Ryan Clark</i>, Conference Co-Chair, Research Scientist, The Water Institute, and Immediate Past President, and President, Large Scale Ecosystem Restoration Section (LERS) of the Society for Ecological Restoration, Baton Rouge, LA</p> <p>The Large Scale Ecosystem Restoration Section (LERS) of the Society of Ecological Restoration (SER) is sponsoring a Student Competition will be held in conjunction with NCER 2018. All students giving presentations are automatically enrolled. Winners will be announced during this closing session, and will receive an Award Certificate and a \$100 gift certificate during the social.</p> <p style="text-align: center;">[Attention Sponsors and Poster Presenters: Please remove display materials from poster hall immediately following the social.]</p>
<p>6:30pm</p>	<p style="text-align: center;">NCER 2018 Concludes [Poster Presenter & Sponsor Display Move-Out]</p>