## Opening Plenary Session

**Louisiana Governor John Bel Edwards, Chip Kline, CPRA Chairman & Kimberly Reyher, CRCL Executive Director**

Sponsored by The Coalition to Restore Coastal Louisiana

### Wednesday, June 2, 2021

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<td><strong>2023 Coastal Master Plan Part 1: Process and Framework</strong></td>
<td><strong>Building a Workforce Pipeline for Coastal Restoration</strong></td>
<td><strong>Katrina 15: Road to Restoration in the Mississippi River Gulf</strong></td>
<td><strong>Where Culture and Tradition Meet Research: The United Houma Nation’s View of Meaningful Research</strong></td>
<td><strong>RESTORE Lowermost Mississippi River Management Program LMMP 1: Modeling</strong></td>
<td><strong>Putting the Pieces Back Together: Restoring for Deepwater Horizon Impacts in Coastal Louisiana</strong></td>
<td><strong>Louisiana Watershed Initiative Initiative, Data and Modeling</strong></td>
<td><strong>Evolution of Marsh Creation Design and Construction</strong></td>
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<td>Ashley Cobb CPRA</td>
<td>Jasmine Brown GNO Inc.</td>
<td>Amanda Moore National Wildlife Federation</td>
<td>Lanor Curole United Houma Nation</td>
<td>Honora Buras NOAA Restoration Center</td>
<td>Mel Landry</td>
<td>Alex Carter Louisiana Office of Community Development</td>
<td>Russ Joffrion CPRA</td>
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<td>Stuart Brown CPRA</td>
<td>Robert Habans The Data Center</td>
<td>Tina Tinney Nunez Community College</td>
<td>Laci Melancon Louisiana Coastal Technical Assistance Center</td>
<td>Taylor Watts Louisiana Workforce Commission</td>
<td>Arthur Johnson Lower 9th Ward Center for Sustainable Engagement and Development CSED</td>
<td>Micaela Coner CPRA</td>
<td>Guy McInnis St. Bernard Parish Government John Lopez Delta Science LLC</td>
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<td>Catherine Fitzpatrick CPRA</td>
<td>Louisiana Coastal Technical Assistance Center</td>
<td>Louisiana Workforce Commission</td>
<td>This panel will focus on the experiences from a tribal perspective in being a research partner for meaningful research efforts for communities. The panel will share the experiences from previous and current projects and their unique perspective as either community members or researchers in some instances both.</td>
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<td>Krista Jankowski CPRA</td>
<td>Louisiana’s coastal restoration is creating a wave of new job opportunities requiring specialized workforce pipelines. However, given the novel scale and scope of many coastal projects, workforce providers, educational institutions and economic developers are seeking to clarify the labor demand of restoration. This session will explore how the State of Louisiana is working with these stakeholders to ensure workforce needs are met and economic benefits of restoration are maximized.</td>
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<td>Denise Reed University of New Orleans</td>
<td>Building a Workforce Pipeline for Coastal Restoration</td>
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<td>Travis Dahl US Army Corps of Engineers-ERDC</td>
<td>Designing a Real-time Forecasting System for Nitrogen and Sediment in the Lowermost Mississippi River</td>
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<td>Stuart Brown</td>
<td>Ramiro Diaz</td>
<td>Elah Meselhe</td>
<td>Caressa Chester</td>
<td>Faye Matthews</td>
<td>Rudolph Simoneaux</td>
<td>Denise Reed</td>
<td>Rick Johnson</td>
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<td>Waggonner &amp; Ball Architecture/Environment</td>
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<td>Yushi Wang</td>
<td>Joshua Lewis</td>
<td>Christopher Esposito</td>
<td>Robert Habans</td>
<td>Lindsey Walsworth</td>
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<td>Paul Orem</td>
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<td>Claire Anderson</td>
<td>Ripple Effect Water Literacy Project</td>
<td>Rapid Changes to Controls on Sedimentation in a River-Dominated Marsh</td>
<td>Mark Davis</td>
<td>Preservation Potential of Louisiana’s 2017 Coastal Master Plan Restoration Projects and Historic Third System Fords</td>
<td>Russ Joffrin</td>
<td>Center for Planning Excellence</td>
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<td>Maddie Foster-Martinez</td>
<td>Elah Meselhe</td>
<td>Tulane University</td>
<td>Tulane University</td>
<td>Louisiana Sea Grant</td>
<td>Chuck Broussard</td>
<td>The World’s First Wetland Carbon Project</td>
<td>Sarah Mack</td>
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<td>Eric White</td>
<td>Dr. Kelli Hu</td>
<td>Carolina Bourque</td>
<td>Rebecca Sneeker</td>
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**Lunch**

Music by Lost Bayou Ramblers, sponsored by Restore the Mississippi River Delta. These bards of the bayous blend traditional Cajun music with rockabilly and punk rock. They won a Grammy for their 2017 album Kalenda. Suggested by Restore the Mississippi River Delta.
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<td>Krista Jankowski</td>
<td>Dr. Katie Cherry</td>
<td>Miakela Meyer, Carnegie Mellon University</td>
<td>Ioannis Georgiou</td>
<td>Mike Brasher</td>
<td>Mel Landry</td>
<td>Louisiana Coastal Geology</td>
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<td>Zach Cobell</td>
<td>Adrienne Katner</td>
<td>Diana Di Leonardo</td>
<td>Jeffrey Danielson</td>
<td>Raul Osorio</td>
<td>Whitney Thompson</td>
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<td>Water Institute of the Gulf</td>
<td>Louisiana State University</td>
<td>The Water Institute of the Gulf</td>
<td>US Geological Survey</td>
<td>Mississippi State University</td>
<td>APTM University of New Orleans</td>
<td>McLendon Geosciences, LLC</td>
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**Wednesday, June 2, 2021**

### Concurrent Session - 2

**1:00 - 1:50**

**Integrated Compartment Model**

- **Wetlands, Vegetation, and Hydrology**
- **Soils**

**2:00 - 3:00**

**2023 Coastal Master Plan**

- **David Lindquist**
- **Stuart Brown**
- **Yushi Wang**

**3:00 - 4:00**

**Ripple Effect Water Literacy**

- **Tulane Bywater Institute**

### Lunch

### 2:00 - 2:50

**2023 Coastal Master Plan Part 3: Risk Assessment**

- **David Johnson**
  - Purdue University
  - 2023 Coastal Master Plan - Coastal Louisiana Risk Assessment Model

- **Nathan Gelnner**
  - Purdue University
  - 2023 Coastal Master Plan - Impacts of Updates to Risk Assessment Modeling

- **Sam Martin**
  - CPRA
  - 2023 Coastal Master Plan – Non-EAD Metrics for Storm Surge-based Flood Risk

### 3:00 - 3:50

**Morphology**

- **Ehab Meselhe**
  - Tulane University
  - Considerations for restoration project implementation. Topics of current state efforts towards climate crisis – what’s next

- **Jeannette Dubinin**
  - Center for Planning Excellence
  - Current state efforts towards climate crisis – what’s next

### 3:50 - 4:40

**Stochastic, yet Somewhat Predictable Nature, in Adaptive Management Paradigm**

- **Camille Manning Broome**
  - Governor’s Office: Coastal Adaptation and Resilience
  - Adaptive management: can we walk the walk not just talk the talk?

- **Liz Williams Russell**
  - Foundation for Louisiana
  - Coastal Louisiana risk assessment model - effects of changing environment

- **Krista Jankowski**
  - Purdue University
  - Evolution and implications for ongoing water quality monitoring, modeling and adaptation

### Pop Up Receptions in Baton Rouge and New Orleans

**Plenary Session**

**Colette Pichon Battle, The Gulf Coast Center for Law & Policy Founder & Director**

Sponsored by Louisiana Sea Grant

**Pop Up Receptions in Baton Rouge and New Orleans**

**2023 Coastal Master Plan Part 4: Risk Assessment**

- **David Johnson**
  - Purdue University
  - 2023 Coastal Master Plan Part 4: Risk Assessment Model

- **Nathan Gelnner**
  - Purdue University
  - 2023 Coastal Master Plan – Impacts of Updates to Risk Assessment Modeling

- **Sam Martin**
  - CPRA
  - 2023 Coastal Master Plan – Non-EAD Metrics for Storm Surge-based Flood Risk

### 3:00 - 3:50

**Addressing Urban Inundations**

- **Joni Hammons**
  - Tulane University
  - Adapting to climate change in new orleans and a path for Louisiana

- **Madelyn McFarland**
  - Mississippi State University
  - Louisiana and a path for Louisiana

- **Mikaela Meyer**
  - Carnegie Mellon University
  - Using Models to Analyze Flood Depth and Risk to Inform Design

### 3:50 - 4:40

**Economic Value of Coastal Louisiana**

- **John Swartz**
  - The Water Institute of the Gulf
  - An evaluation of avian use of marsh terraces in gulf coastal wetlands

- **Tim Carruthers**
  - The Water Institute of the Gulf
  - Improving restoration project adaptive management: practical steps

- **Rudolph Simoneaux**
  - Weeks Marine, Inc.
  - System forts for coastal protection and restoration

### 4:40 - 5:30

**Sciences**

- **Mel Landry**
  - Louisiana Coastal Geology
  - Coastal Louisiana risk assessment model - effects of changing environment

- **Robert Mohollen**
  - UNO Earth and Environmental Sciences
  - Rates of Displacement and Lateral Continuity of the Miss. Basin Fault System Segments: Evidence of Holocene Displacement near the East Orleans Land Bridge
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<td><strong>Advancing Regional Sediment Management Practices for Coastal Restoration</strong>&lt;br&gt;Mike Miner&lt;br&gt;The Water Institute of the Gulf&lt;br&gt;Syd Khaliil&lt;br&gt;CPRA</td>
<td><strong>Risk Communication and Language: Challenges in Engaging Coastal Communities</strong>&lt;br&gt;Rev. Clavijo&lt;br&gt;Bishop’s Environmental Commission for the Episcopal Diocese of Louisiana&lt;br&gt;A Faith Based Response to Coastal Erosion - A Time for Interfaith Churches to Act Together</td>
<td><strong>RESTORE Act Center of Excellence for Louisiana: Research to support Louisiana’s Coastal Master Plan</strong>&lt;br&gt;Melissa Baustian&lt;br&gt;Co-Moderator: Bingging Liu&lt;br&gt;The Water Institute of the Gulf</td>
<td><strong>Marsh Dynamics</strong>&lt;br&gt;Giovanna McClenachan&lt;br&gt;Nicholls State University</td>
<td><strong>Response of Deltaic Plain Wetlands to River Diversions: Synthesis of the State of the Science - Part 1</strong>&lt;br&gt;James Pahl&lt;br&gt;CPRA</td>
<td><strong>Resilient Communities and Climate Change</strong>&lt;br&gt;Jessica Dandridge&lt;br&gt;Water Collaborative</td>
<td><strong>Restoring Colonial Waterbird Nesting Habitat: Challenges, Solutions, and Continuous Improvement</strong>&lt;br&gt;John Andrew Nyman&lt;br&gt;Louisiana State University</td>
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<td><strong>Building a Comprehensive Sediment Management Program to Support Louisiana Barrier Island and Marsh Restoration Efforts</strong>&lt;br&gt;Jeff Andrews&lt;br&gt;APTIM</td>
<td><strong>The Problem With ‘Unprecedented’: Impacts of Groundwater Dynamics on Mississippi River Deltaa During Severe Hydrologic Events</strong>&lt;br&gt;Frank Tsai&lt;br&gt;Louisiana State University</td>
<td><strong>Louisiana Storm Surge Effects Predicted by High-Resolution Vegetation Cover Derived From Satellite Remote Sensing</strong>&lt;br&gt;Giulio Mariotti&lt;br&gt;Louisiana State University&lt;br&gt;The Many Faces of Marsh Loss and Gain</td>
<td><strong>Oiling Impacts on Salt Marsh Ecosystem Processes: Insights from a Large-Scale Marsh Mesocosm Experiment</strong>&lt;br&gt;Brian Roberts&lt;br&gt;Louisiana Universities Marine Consortium</td>
<td><strong>Consequences of Mississippi River Diversions on Nutrient Dynamics of Coastal Wetland Soils and Estuarine Sediments</strong>&lt;br&gt;Robert Twilely&lt;br&gt;Louisiana Sea Grant</td>
<td><strong>New Orleans Green Infrastructure – From Concept to Constructability</strong>&lt;br&gt;Jessica Watts&lt;br&gt;CDM Smith</td>
<td><strong>Trends and Challenges Faced by Brown Pelicans and Other Seabirds Nesting on Louisiana’s Coastal Islands</strong>&lt;br&gt;Paul Leberg&lt;br&gt;University of Louisiana</td>
<td><strong>Use of an Operational Sediment Budget for Planning, Management, and Evaluation of Barrier Island Restoration in South Louisiana</strong>&lt;br&gt;Ben Beasley&lt;br&gt;Applied Coastal Research and Engineering, Inc.</td>
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<td><strong>A Structured Decision-Making Approach to Regional Sediment Management: Informing Louisiana’s Barrier Island System Management</strong>&lt;br&gt;Soopy Dyalander&lt;br&gt;The Water Institute of the Gulf</td>
<td><strong>A Path to Assessing Risk in Flood Transition Zones of Coastal Louisiana</strong>&lt;br&gt;Scott Hagen&lt;br&gt;Louisiana State University</td>
<td><strong>Mechanism of Wetland Loss Via Marsh Edge Erosion in Coastal Louisiana: Implication for Restoration</strong>&lt;br&gt;Carol Wilson&lt;br&gt;Louisiana State University&lt;br&gt;The Role of Shoreline Cannibalization for Sustaining Louisiana Marshes: Land Loss to Long-Term Accretion and Mineral Accumulation in Barataria Basin</td>
<td><strong>Mississippi River Sediment Diversions and Coastal Wetland Sustainability: Synthesis of Responses to Freshwater, Sediment and Nutrient Inputs</strong>&lt;br&gt;Tracy Quirk&lt;br&gt;Louisiana State University</td>
<td><strong>Can Denitrification Explain Coastal Wetland Loss: A Review of Case Studies in The Mississippi Delta and New England</strong>&lt;br&gt;John Day&lt;br&gt;Louisiana State University</td>
<td><strong>Restoring Colonial Waterbird Nesting Habitat: Challenges, Solutions, and Continuous Improvement</strong>&lt;br&gt;John Andrew Nyman&lt;br&gt;Louisiana State University</td>
<td><strong>Case Study: Queen Bess Island Restoration Project</strong>&lt;br&gt;Katie Freeer&lt;br&gt;CPRA</td>
<td><strong>Restoring Coastal Louisiana Marsh Habitats in West Bay Employing Beneficial Use of Dredged Sediment and Engineering with Nature Principles</strong>&lt;br&gt;Andrew McQueen&lt;br&gt;USACE</td>
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**Restoring Coastal Louisiana Marsh Habitats in West Bay Employing Beneficial Use of Dredged Sediment and Engineering with Nature Principles**<br>Andrew McQueen<br>USACE | **Science of Effective Outreach Communication**<br>Chris Mack<br>Freese & Nichols | **Integrating High-Fidelity Models with Field Observations to Predict Storm Impacts on Louisiana Barrier Islands and Wetlands: Caminada Headlands**<br>Jim Chen<br>Northeastern University | **The Role of Shoreline Cannibalization for Sustaining Louisiana Marshes: Land Loss to Long-Term Accretion and Mineral Accumulation in Barataria Basin**<br>Carol Wilson<br>Louisiana State University | **Changing Geographies of Flood Mitigation Policies - A Case Study of Central Louisiana**<br>Ria Mukerji<br>Louisiana State University | **Colonial Waterbird Restoration: Lessons Learned and Future Directions**<br>William Vermillion<br>Gulf Coast Joint Venture | **Changing Geographies of Flood Mitigation Policies - A Case Study of Central Louisiana**<br>Ria Mukerji<br>Louisiana State University | **Colonial Waterbird Restoration: Lessons Learned and Future Directions**<br>William Vermillion<br>Gulf Coast Joint Venture | **Changing Geographies of Flood Mitigation Policies - A Case Study of Central Louisiana**<br>Ria Mukerji<br>Louisiana State University | **Colonial Waterbird Restoration: Lessons Learned and Future Directions**<br>William Vermillion<br>Gulf Coast Joint Venture | **Changing Geographies of Flood Mitigation Policies - A Case Study of Central Louisiana**<br>Ria Mukerji<br>Louisiana State University | **Colonial Waterbird Restoration: Lessons Learned and Future Directions**<br>William Vermillion<br>Gulf Coast Joint Venture | **Changing Geographies of Flood Mitigation Policies - A Case Study of Central Louisiana**<br>Ria Mukerji<br>Louisiana State University | **Colonial Waterbird Restoration: Lessons Learned and Future Directions**<br>William Vermillion<br>Gulf Coast Joint Venture | **Changing Geographies of Flood Mitigation Policies - A Case Study of Central Louisiana**<br>Ria Mukerji<br>Louisiana State University | **Colonial Waterbird Restoration: Lessons Learned and Future Directions**<br>William Vermillion<br>Gulf Coast Joint Venture | **Changing Geographies of Flood Mitigation Policies - A Case Study of Central Louisiana**<br>Ria Mukerji<br>Louisiana State University | **Colonial Waterbird Restoration: Lessons Learned and Future Directions**<br>William Vermillion<br>Gulf Coast Joint Venture | **Changing Geographies of Flood Mitigation Policies - A Case Study of Central Louisiana**<br>Ria Mukerji<br>Louisiana State University | **Colonial Waterbird Restoration: Lessons Learned and Future Directions**<br>William Vermillion<br>Gulf Coast Joint Venture | **Changing Geographies of Flood Mitigation Policies - A Case Study of Central Louisiana**<br>Ria Mukerji<br>Louisiana State University |

**Women’s Leadership Event**<br>Sponsored by Shell

**Plenary Session**

**Fireside chat with Janet McCabe, EPA & Justin Ehrenwerth, The Water Institute of the Gulf**

**Sponsored by The Water Institute of the Gulf**

**Exhibit Hall**

**Lunch**

Movies: **What Remains and Saving Louisiana’s Coast Never Tasted So Good** look at a sustainable seafood that is playing a role in the restoration of Louisiana’s coast.

**Lincoln Beach** tells the story of Sage Michael, an activist leading the charge to restore a once-segregated public park on the shore of Lake Pontchartrain.
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<td><strong>Hydraulic and Channel Dynamics of the Lower Mississippi River and Atchafalaya River</strong>&lt;br&gt;<strong>Gary Brown</strong>&lt;br&gt;USACE</td>
<td><strong>Quantifying the Wider Benefits of Natural and Nature Based Features</strong>&lt;br&gt;Nigel Pontee&lt;br&gt;Jacobs</td>
<td><strong>Emerging Legal Conflicts</strong>&lt;br&gt;Chris Dalbow&lt;br&gt;Tulane University</td>
<td><strong>Mobilizing Research for the Settlement of the Future of the Gulf Coast</strong>&lt;br&gt;Don Bosch&lt;br&gt;Gulf Research Program</td>
<td><strong>Nutrient Cycling from the Mississippi River to the Basins</strong>&lt;br&gt;John White&lt;br&gt;Louisiana State University</td>
<td><strong>Response of Deltaic Plain Wetlands to River Diversions: Synthesis of the State of the Science - Part 2</strong>&lt;br&gt;Angelia Freeman&lt;br&gt;CPRA</td>
<td><strong>Regional Strategies for Climate Resilience</strong>&lt;br&gt;Corey Miller&lt;br&gt;CRCL</td>
<td><strong>Insights into the Responses of Birds to Coastal Restoration &amp; Subsidence</strong>&lt;br&gt;Erk Johnson&lt;br&gt;National Audubon Society</td>
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<td><strong>Bo Wang</strong>&lt;br&gt;Louisiana State University</td>
<td><strong>Large River Diversion Effects on Downstream Channel Dynamics – A Case Study of the Upper Atchafalaya River</strong>&lt;br&gt;Gary Brown&lt;br&gt;USACE</td>
<td><strong>Resilience solutions involving NNBF solutions are increasingly popular on the world coasts. NNBF solutions are often promoted on the basis that they create a number of additional benefits in addition to decreasing flood and erosion risk. This discussion panel will help draw out what these benefits are, will illustrate how such benefits can be quantified e.g. by referring to examples where this has been done and will explore the areas where further work is needed. Key aspects to cover will be recreation, well-being, fisheries, water quality and carbon sequestration.</strong>&lt;br&gt;Steven Scyphers&lt;br&gt;Northeastern University</td>
<td><strong>The National Academies of Sciences, Engineering, and Medicine</strong>&lt;br&gt;Laura Windecker&lt;br&gt;University of Southern Mississippi</td>
<td><strong>Use of Stable Isotopes to Trace Mississippi River Discharge in Louisiana and Mississippi Coastal Waters</strong>&lt;br&gt;Alan Shiller&lt;br&gt;Louisiana State University</td>
<td><strong>Mississippi River Diversions and Phytoplankton Dynamics in Deltaic Gulf of Mexico Estuaries: A Review</strong>&lt;br&gt;Sibel Barga&lt;br&gt;Louisiana State University</td>
<td><strong>Nest Success and Beach Renourishment: A Comparison of Three beach-nesting birds in Coastal Louisiana</strong>&lt;br&gt;Kiah Williams&lt;br&gt;Tulane University</td>
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<td><strong>T. Mitchell Andrus</strong>&lt;br&gt;Royal Engineers and Consultants</td>
<td><strong>Projected Long-Term Delta Building Responses to Potential Flow Modifications at the Mississippi-Atchafalaya Bifurcation</strong>&lt;br&gt;Ming Tang&lt;br&gt;Louisiana State University</td>
<td><strong>Channel Deformation in the Lower Atchafalaya River from 1977 to 2006</strong>&lt;br&gt;Ming Tang&lt;br&gt;Louisiana State University</td>
<td><strong>Researching LNG Development in Louisiana and Texas</strong>&lt;br&gt;Naomi Yoder&lt;br&gt;Healthy Gulf</td>
<td><strong>Multi-Decadal Environmental and Land Cover Change Impacts on Dissolved Organic Carbon Distribution in the Barataria Basin, Louisiana from In-Situ and Satellite Observations</strong>&lt;br&gt;Hoochong Jung&lt;br&gt;The Water Institute of the Gulf</td>
<td><strong>A Review of Sediment Diversion in the Mississippi River Deltaic Plain</strong>&lt;br&gt;Kehui Xu&lt;br&gt;Louisiana State University</td>
<td><strong>Habitat Associations of Black Skimmer, Audubon’s Simple Tern, and Yellow-crowned Night-Heron: A Review</strong>&lt;br&gt;Justin Kozak&lt;br&gt;Tulane University</td>
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<td><strong>Peter Matas</strong>&lt;br&gt;Louisiana State University</td>
<td><strong>Wetland Soil Phosphorus Forms and Cycling in the Barataria Basin Within the Area of Impact of the Planned Mid-Barataria Sediment Diversion</strong>&lt;br&gt;Navid Jafari&lt;br&gt;Louisiana State University</td>
<td><strong>Coastal Landloss Lawsuits; future settlement potential and framework</strong>&lt;br&gt;Megan Terrell&lt;br&gt;Plauchu &amp; Carr LLP</td>
<td><strong>The Rule of Law and Policy in Harmonizing Mississippi River Nutrient Management with Coastal Restoration and Flood Protection</strong>&lt;br&gt;Mark Davis&lt;br&gt;Tulane Institute</td>
<td><strong>Evaluation of Potential Impacts of Nutrients and Primary Production in the Barataria Basin in Response to Proposed the Mid-Barataria Sediment Diversion</strong>&lt;br&gt;Sam Bentley&lt;br&gt;Louisiana State University</td>
<td><strong>The Role of Law and Policy in Coastal Watershed Planning and Climate Change</strong>&lt;br&gt;Amanda Taylor&lt;br&gt;Geosyntec Consultants</td>
<td><strong>Quantifying Land Subsidence in the Mississippi Delta Region Through In-SAR Time-Series Analysis</strong>&lt;br&gt;Mead Allison&lt;br&gt;Tulane University</td>
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### March 4th, 2023

**Session 41**: Mid-Basin Sediment Diversion Program I - Overview of Project Details, Features, and Status  
**Speakers**: Dain Gillen (CPRA), Project Details, Features, and Design of the Mid-Barataria Sediment Diversion Project

**Session 42**: Multi-Dimensional Considerations in Planning for Managed Retreat  
**Speakers**: Bruce Lelong (AECOM), Balakrishnan Balachandran (University of Illinois at Urbana Champaign), Colette Pichon Battle (Gulf Coast Center for Law & Policy)

**Session 43**: Educating Louisiana’s Next Generation of Coastal and Environmental Lawyers  
**Speakers**: Edward Richards (Louisiana State University), Jim Wilkins (Louisiana Sea Grant), David Peterson (CPRA)

**Session 44**: Using Large-Scale Monitoring Data to Inform Future Planning  
**Speakers**: Shaye Sable (Dynamic Solutions, LLC), Marc Simard (Jet Propulsion Laboratory)

**Session 45**: Remote Sensing Applications for Monitoring  
**Speakers**: Torbjorn Tornqvist (Tulane University), Brenda Brown (CDM Smith)

**Session 46**: Integrating Social Science with Natural Sciences in Gulf Coast Communities and Beyond  
**Speakers**: Natalie Snider (NWF), Shaye Sable (Dynamic Solutions, LLC)

**Session 47**: Climate-Proofing our Communities for the 21st Century  
**Speakers**: John Malueg (Stantec), Victor Rivera-Monroy (Louisiana State University)

**Session 48**: Model and Restoration Potential of Forested Wetlands  
**Speakers**: Steve Mathies (LA Sea Grant), Katie Percy (National Audubon Society)

### Concurrent Session 6

**Panel**: Design of the Mid-Breton Sediment Diversion Project  
**Speakers**: Ranjit Jadhav (FTN Associates, Ltd.), Scott Peyton (Stantec Consulting Services Inc.), Victor Rivera-Monroy (Louisiana State University), Soroush Sorourian (Royal Haskoning DHV)

**Focus**: Challenges and elements of multi-dimensional integrated approaches for coastal restoration projects, including policy, governance, and community engagement.

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**Friday, June 4, 2021**

**Plenary Session**: Marcia McNutt, National Academy of Sciences  
**Topic**: Student Awards  
**Sponsor**: Coastal Restoration and Protection Authority

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**Panel**: Design of the Mid-Breton Sediment Diversion Project  
**Speakers**: Dain Gillen (CPRA), Project Details, Features, and Design of the Mid-Barataria Sediment Diversion Project

**Panel**: Multi-Dimensional Considerations in Planning for Managed Retreat  
**Speakers**: Bruce Lelong (AECOM), Balakrishnan Balachandran (University of Illinois at Urbana Champaign), Colette Pichon Battle (Gulf Coast Center for Law & Policy)

**Panel**: Educating Louisiana’s Next Generation of Coastal and Environmental Lawyers  
**Speakers**: Edward Richards (Louisiana State University), Jim Wilkins (Louisiana Sea Grant), David Peterson (CPRA)

**Panel**: Using Large-Scale Monitoring Data to Inform Future Planning  
**Speakers**: Shaye Sable (Dynamic Solutions, LLC), Marc Simard (Jet Propulsion Laboratory)

**Panel**: Remote Sensing Applications for Monitoring  
**Speakers**: Torbjorn Tornqvist (Tulane University), Brenda Brown (CDM Smith)

**Panel**: Integrating Social Science with Natural Sciences in Gulf Coast Communities and Beyond  
**Speakers**: Natalie Snider (NWF), Shaye Sable (Dynamic Solutions, LLC)

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**Panel**: Model and Restoration Potential of Forested Wetlands  
**Speakers**: Steve Mathies (LA Sea Grant), Katie Percy (National Audubon Society)
### Friday, June 4, 2021

#### Lunch

Music by *Sweet Crude*. This indie pop band, which formed in 2012, performs songs in English and Louisiana French. Their latest album is *Officiel-Artificiel*.

### Concurrent Session: 7

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<th>Time</th>
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<tr>
<td>1:10</td>
<td>John Doucet</td>
<td>Charles Satcliffe</td>
<td>Ella Camburnbeck</td>
<td>Claire Anderson</td>
<td>Laura Kelley</td>
<td>Julie Bernier</td>
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<td>1:20</td>
<td>John Doucet</td>
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<td>Dr. Charles McGimmy</td>
<td>Rachelle Sanderson</td>
<td>Sarah DeBacher</td>
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<td>1:30</td>
<td>Susan Testroet-Bergeron</td>
<td>Dr. Alyssa Dausman</td>
<td>Chris Cook</td>
<td>Transforming Challenges of Uncertainty and Fragmentation into Opportunities for Regional Watershed Governance and Collaboration</td>
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<td>Barataria-Terrebonne National Estuary Program</td>
<td>The Water Institute of the Gulf</td>
<td>Pontchartrain Conservancy</td>
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<tr>
<td>Louisiana’s Coastal Citizens: Looking Back, Adapting, and Moving Forward</td>
<td>Utilizing Structured Decision Making to Develop Climate Policy</td>
<td>Nathan Loft</td>
<td>Study of the Combined Effects of Rainfall and Storm Surge in Upper Barataria Basin</td>
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<td>1:40</td>
<td>Gary LaFleur</td>
<td>Lindsay Cooper</td>
<td>Haibong Zhao</td>
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<td>Integrating the Louisiana Coast into the College Curriculum</td>
<td>Colleen McHugh</td>
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<td>The Water Institute of the Gulf</td>
<td>Climate Strategies and Actions &amp; Evaluating the Potential Outcomes</td>
<td>Study of the Combined Effects of Rainfall and Storm Surge in Upper Barataria Basin</td>
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<td>Windell Curole</td>
<td>Randy Bushey</td>
<td>Brian Gauthreaux</td>
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<td>South Lafourche Levee District</td>
<td>Jacobs Engineering Group</td>
<td>LSU AgCenter</td>
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<td>Evacuation, Elevation, and Innovation: Community Survival in a Subsiding Delta</td>
<td>Watershed-Based Flood Reduction and Habitat Restoration Lessons Learned</td>
<td>Taking Coastal Education and Water Literacy Statewide through Teacher Trainings and Field Experiences</td>
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<td>Louisiana Office of the Governor Offshore Wind</td>
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<td>Development in the Gulf of Mexico</td>
<td>Analyzing the State of Multi-Jurisdictional Watershed Planning in the Upper Pontchartrain Basin</td>
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**June 4, 2021**

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<th>Session 58</th>
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<tbody>
<tr>
<td>Grace Morris</td>
<td>Craig Colten</td>
<td>Edwin Pinero</td>
<td>Matthew Bilskie</td>
<td>Russell Lord</td>
<td>Robin Keegan</td>
<td>Andrew Beall</td>
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<td>Sierra Club</td>
<td>Louisiana State University</td>
<td>EcoMetrics</td>
<td>Louisiana State University</td>
<td>New Orleans Museum of Art</td>
<td>Dept. Assistant Sec’y for Economic Development, U.S. Dept. of Housing and Urban Development</td>
<td>CPRA</td>
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Darilyn Turner
Zion Travelers Cooperative Center
Andrea Decloue
Ironton, LA
Jessi Parfait
Water Institute of the Gulf
Bette Billiot
United Houma Nation

What does forever home look like in coastal Louisiana? Panelists will share insights of Black and Indigenous coastal communities and explore an expansive discussion on solutions at the intersection of home, community and economic justice.

Craig Colten
Louisiana State University

Fluid Environments and Fixed Borders: Reconciling Changing Environments and Fixed Boundaries Inland from the Coast

Anastasia Behr
Dow
Mart Black
Terrebonne Parish
Rick Johnson
Entergy
Taylor Marshall
Restore the Earth Foundation

Nicki Pace and Melissa Daigle
Louisiana Sea Grant
Local Governments: Building a Safer Future

Traci Birch
LSU Coastal Sustainability Studio
Kathleen Gordon
AIA Louisiana

Reimagining the Watershed: Speculative Design for Envisioning Sustainable Water Systems

Marla Nelson
UNO Department of Regional and Urban Planning
Assisting Adaptive Migration for Just Outcomes

Hugh Roberts
The Water Institute of the Gulf
Louisiana Watershed Initiative: Flood Transition Zones

Felix Santiago-Collazo
Louisiana State University
Simulation of Idealized Compound Flood Events in Low-gradient Coastal Watersheds

Matthew Bilskie
Louisiana State University
Coastal Flood Transition Zone Modeling: An Historical Perspective to Future Possibilities

David Muth
National Wildlife Federation
Tina Freeman
The Decatur Studio
Colette Pichon Battle
Gulf Coast Center for Law & Policy
Brent Gaeringer
Department of Earth and Environmental Sciences, Tulane University

This is panel will focus on the Louisiana wetlands and Arctic and Antarctic glaciers. “Lamentations” demonstrates how the rising waters along the coast of Louisiana are both visually and physically connected to the melting glaciers at the poles, despite the separation of vast distances. The panelists will explore the ecological, social and political impact of the impending sea level rise.

Clarie Hebert Marieaux
Cameron Parish Port
Fallon Samuels Aidoo
University of New Orleans
Pat Forbes
State of Louisiana Office of Community Development
Robin Barnes
Resilience Resolutions

Drawing on experiences here in Louisiana as well as nationally, this panel will focus on practical tools and lessons learned to create resilient communities in the wake of disasters. Panelists will touch on multiple dimensions of resilience including the social, economic, and environmental in discussing concrete strategies for building resilient communities.

Michael Poff
Coastal Engineering Consultants, Inc. CEC
North Breton Island Restoration: It's for the Birds!

Jacques Boudeaux
CPRA
Todd Baker
Rabbit Island Restoration: Mitigating Risks and Producing Solutions Throughout Project Implementation

Jessica Mallindine
Bureau of Ocean Energy Management BOEM
The Marine Minerals Program: Supporting Coastal Restoration through Partnerships and Resource Management

April Newman
CPRA
Scaling Up: Combining Multiple Islands Into One Project in the Terrebonne Basin

Closing Plenary Session
Richard Campanella, Tulane University
Sponsored by Pontchartrain Conservancy