



STATE^{OF} THE COAST



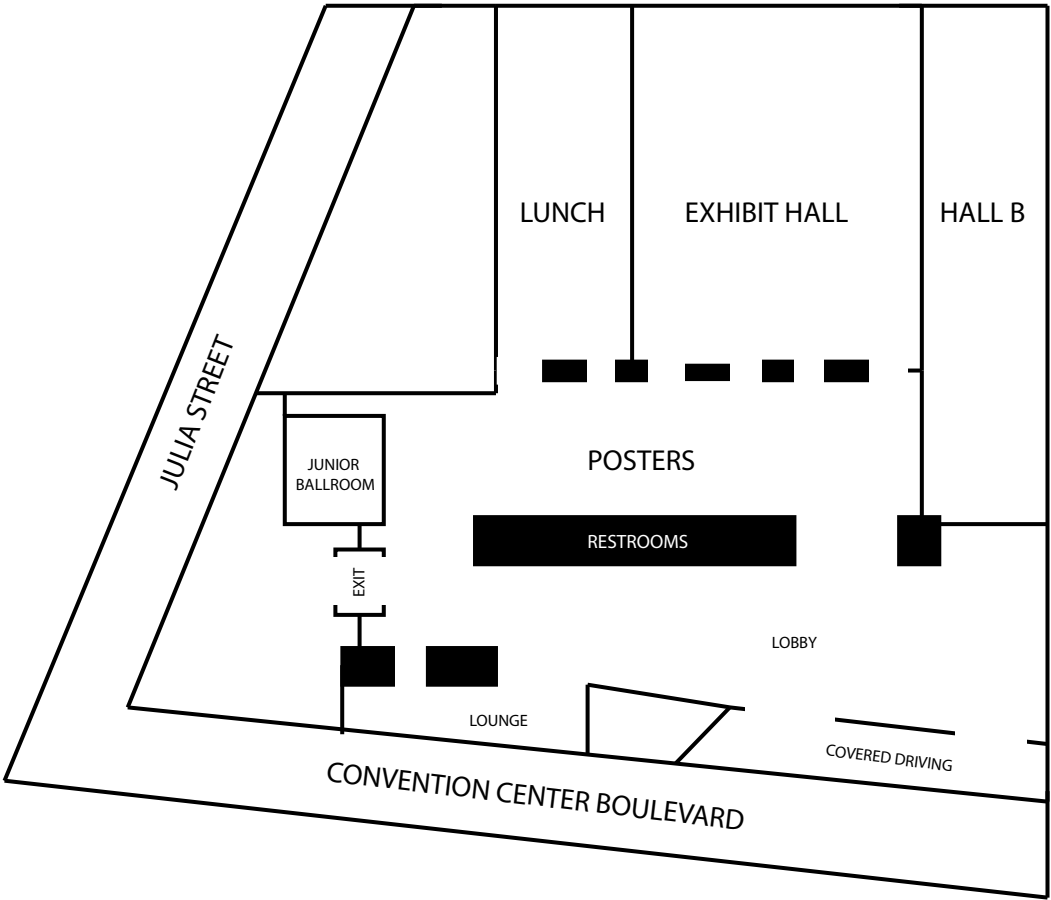
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information.

March 18-20, 2014

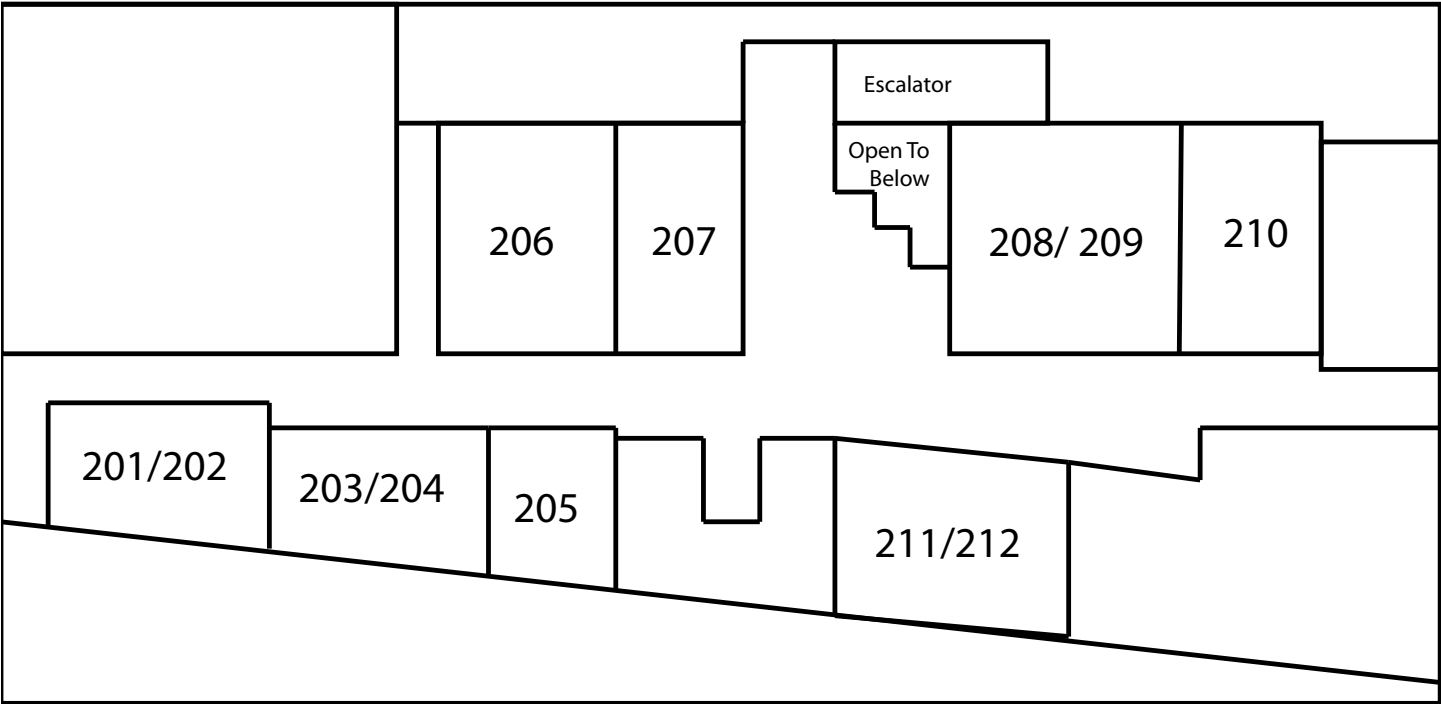
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2014

State of the Coast Conference

MARCH 18-20, 2014

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May 2013



December 2013

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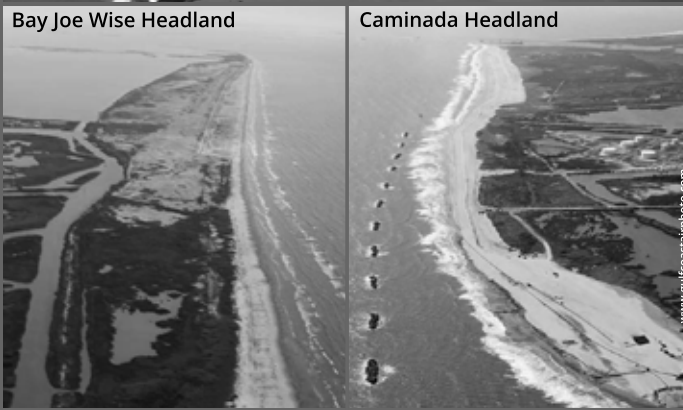
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WELCOME ADDRESS AND OPENING KEYNOTE



Tuesday 9:00 – 10:00, (Great Hall Dining Area)

9:10 – 9:25

Jerome “Z” Zeringue, Welcome Address

Executive Assistant to the Governor for Coastal Activities

Chair, Coastal Protection and Restoration Authority

Jerome Zeringue has extensive experience advocating for coastal protection and restoration matters on a federal, state and local level. Before his appointment as the governor’s executive assistant for coastal activities, he served as executive director of the CPRA, having already served that agency as deputy executive director and as a coastal activities advisor in the governor’s office.

A native of Thibodaux, he previously served as director of the Terrebonne Levee and Conservation District. He holds a bachelor’s degree in zoology and a master’s degree in fisheries biology, both from Louisiana State University. Mr. Zeringue—or Zee, as his friends call him—worked as a fisheries biologist at LSU Sea Grant and assisted the U.S. Food and Drug Administration on seafood regulations. He then became the coastal resources director for the Nature Conservancy of Louisiana, and also helped to establish the Mandalay National Wildlife Refuge.

Despite his heavy workload in Baton Rouge, his primary residence is, and will remain, the city of Houma in Terrebonne Parish.



9:25 – 9:55am

James Carville, Opening Keynote

James Carville is America’s best-known political consultant. His long list of electoral successes evidences a knack for steering overlooked campaigns to unexpected landslide victories and for re-making political underdogs into upset winners.

His most prominent victory was in 1992 when he helped William Jefferson Clinton win the Presidency. In recent years, Carville has not been a paid political consultant for any domestic politicians or candidates for office, instead focusing on campaigns in more than 20 countries around the globe.

Carville is has also authored or co-authored 8-New York Times best sellers a best-selling author.

His most recent book with pollster and friend Stan Greenberg *It’s The Middle Class Stupid!* was released in 2012.

Most recently, Carville is a frequent political commentator and contributor on *This Week with George Stephanopoulos*. He also serves as a Professor of Practice at Tulane University in New Orleans, where he now resides.

Tuesday Lunch Panel Discussion

12:00 – 1:30 Great Hall Dining Area

This discussion will provide an update on the recent progress of the Louisiana Coastal Protection and Restoration Authority. The audience will gain insight into the growth and direction the coastal program through a retrospective overview of recent accomplishments, summary of current activities, and details of upcoming projects and initiatives

Kyle Graham

Executive Director, CPRA

Kyle Graham is the Executive Director for Louisiana’s Coastal Protection and Restoration Authority with responsibility for establishing policies, programs, and projects consistent with the state’s goals of a sustainable coastal area. Prior to joining the State of Louisiana, Kyle worked as a wetland scientist, restoring streams and wetlands, permitting impacts and preparing environmental documentation. He holds a BS in Biology from the University of North Carolina and a MS in Biology from Appalachian State University.

Wednesday Lunch Panel Discussion

12:00 – 1:30 Great Hall Dining Area

The Role of the Oil & Gas Industry as Stakeholder in Coastal Restoration

This panel will examine the continuing role of the Oil & Gas industry as a stakeholder in coastal restoration. Recognizing that the industry has a wealth of assets embedded in the coast, including not only pipelines, plants, refineries, wells, etc., but also the coastal employees who operate and maintain these assets, what vulnerabilities most concern the industry? How do they plan on adapting to the changing coastline? How does it wish to be engaged? What resources does it bring to the table to address large-scale restoration, coastal protection, and community resilience?

Thursday Lunch Panel Discussion

12:00 – 1:30 Great Hall Dining Area

Emerging Industries of Coastal Restoration and Protection

Moderated by Michael Hecht, GNO Inc.

As the economic development agency for the 10-parish greater New Orleans region, GNO, Inc. seeks to create proactive approaches towards job creation in innovative sectors. Given the vast experience and expertise regional firms have developed from years of Hurricane recovery, coupled with the significant investments in coastal restoration as a result of the 2010 Oil Spill and CPRA Master Plan, now is the time to build our Emerging Environmental industries and position the region as a hub of international resilience expertise. This lunch session will highlight the work GNO, Inc. is engaging in to cultivate diverse business leadership championing coastal restoration efforts, as well as its efforts in workforce development and business outreach to ensure the full economic impact of coastal restoration is realized.

Michael Hecht

President & CEO

Greater New Orleans, Inc.,



GNO, Inc.'s mission falls broadly into two categories: business development - attracting and growing businesses - and product development - creating better business conditions. Under Michael's leadership, GNO, Inc. was recently named the #2 economic development organization in the United States by Business Facilities magazine.

Before Coming to GNO, Inc. Michael led the quarter-billion dollar Katrina Small Business Recovery Program for the State of Louisiana. While with the State, Michael also established the \$90 million Louisiana Revolving Loan Fund, the first of its kind in the nation. In the years following 9/11, Michael worked for Mayor Michael Bloomberg in New York City as an Assistant Commissioner. Michael also served as inaugural Director of Business Development for the Food Bank for New York City, the largest in the country.

Michael's entrepreneurial experience includes co-founding a conglomerate of restaurant ventures, including "Foreign Cinema," named Restaurant of the Year 2000 in San Francisco. He began his career as a strategic management consultant.

Michael holds an MBA from Stanford Graduate School of Business, where he was a member of the Public Management Program, and an undergraduate degree from Yale University, magna cum laude.

Recently Michael has been recognized as "One of the 25 Most Powerful People in the 10/12 corridor," a New Orleans "Innovator of the Year," and one of "Ten People Who Made a Difference" in the South.

With family roots in Louisiana back to the 1830's, Michael now lives in New Orleans with his wife, Marlene, an ESL professor at Delgado, and his two sons, Dexter and Kaj ("Ki").



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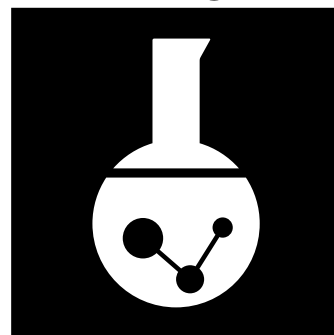


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TUESDAY, MARCH 18, 2014

7:00 am – 9:00 am	Registration (Entrance Hall)
9:00 am – 10:00 am	Welcome Address & Opening Keynote Jerome Zeringue, Executive Assistant to the Governor for Coastal Activities James Carville, Political Consultant
10:00 am – 10:30 am	Morning Break with Refreshments (Exhibit Hall)
10:30 am – 12:00 pm	Session Block I Building Resiliency Workshop I (Panel Discussion) (Room 203-204) Moderator: Kali Rapp, Tulane University Panelists: Susan Cutter, University of South Carolina, Margaret Davidson, NOAA, Fikret Berkes, University of Manitoba, Hong Yuan Lee, Minister of the Interior, Taiwan CRMS Workshop (Room 205) Sarai Piazza, USGS, Marc Comeaux, USGS, Leigh Anne Sharp, CPRA Subsidence and Sea Level Rise I (Room 206) Moderator: Dalston Brunton 10:35 am – 11:00 am Stable Isotope and Nutrient Analysis to Determine Sediment Sources in the Rio Cruces Mike Risk, McMaster University 11:00 am – 11:25 am Sediment Coring and Post-Earthquake Recovery Estimates in the Rio Cruces Estuary Eduard Reinhardt, McMaster University 11:25 am – 11:50 am Evaluation of Global Climate Change, Hurricane Impacts, and Subsoil Subsidence on Louisiana's Dynamic Coastal Landscape Kimberly Landry, UNO, Student Presenter Coastal Law (Room 207) Moderator: 10:35 am – 11:00 am Benefit/Cost of Flood and Wind Mitigation Techniques for Residential Construction Fatima Orooji, LSU, Student Presenter 11:00 am – 11:25 am Develop of the CPRA Oyster Lease Acquisition and Compensation Program (OLACP) - From Litigation to Legislation Jason Shackelford, SWCA Consultants 11:25 am – 11:50 am Opportunities for Community Adaptation at the Local Level through Ordinances, Codes, and Design Patrick Michaels, LSU Matching Supply and Demand in River Diversions I (Room 208-209) Moderator: Ioannis Georgiou, UNO

- 10:35 am – 11:00 am Estimation of Sand Load in the Lower Mississippi River using a Dynamic 1-D Model
Alex McCorquodale, UNO
- 11:00 am – 11:25 am Building Land in a Delta from River-Sediment Diversions: Constraints, Potential, and Examples in the Mississippi River Delta
Sam Bentley, LSU
- 11:25 am – 11:50 am Sedimentary Dynamics of the Lower Mississippi River and Implications for River Diversions
Michael Ramirez, Tulane University, Student Presenter

Mangrove Restoration (Room 210)
Moderator: Michael Osland, USGS

- 10:35 am – 11:00 am Salt March Mangrove Structural Gradients: Implications for Restoration within a Shifting Ecotone in Louisiana and across the Northern Gulf of Mexico
Erik Yando, University of Louisiana at Lafayette, Student Presenter
- 11:00 am – 11:25 am Black Mangrove (*Avicennia germinans*) Restoration Ecology: Understanding Tolerance Limits to Guide Restoration
Mark Hester, University of Louisiana at Lafayette
- 11:25 am – 11:50 am Effect of Elevation and Soil Properties on Black Mangrove (*Avicennia germinans*) Survival and Growth in a Created Tidal Saline Wetland
Laura Hundy, University of Louisiana at Lafayette, Student Presenter

Hydrogeology (Room 211-212)
Moderator: Jennifer Mouton, CPRA

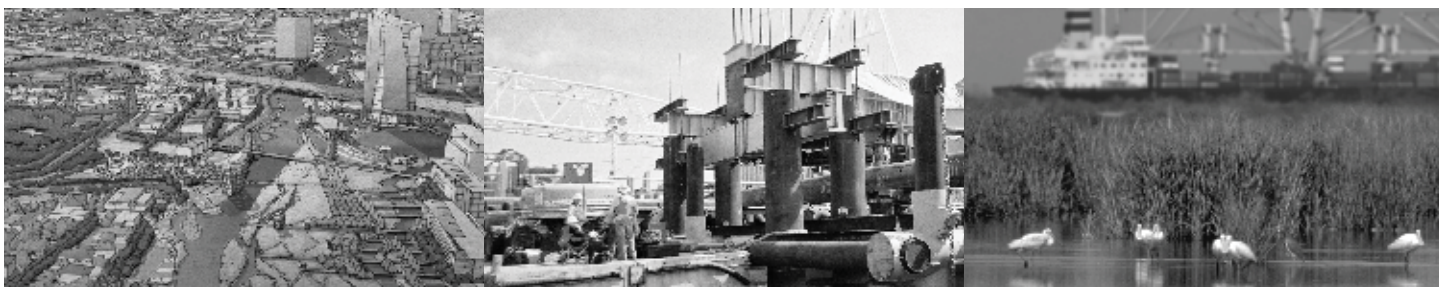
- 10:35 am – 11:00 am The Impact of Vertical Distortion on the Hydrodynamics and Sediment Transport in the Expanded Small-scale Physical Model
Clint Willson, The Water Institute of the Gulf
- 11:00 am – 11:25 am The Dynamics of Subterranean Flow in the Mississippi River Delta: How Waters below the Surface Impact our Coastal Landscape
Alexander Kolker, LUMCON
- 11:25 am – 11:50 am The Louisiana Freshwater Assessment Project: Science-based Decision Support for Water Resources in Louisiana
Bryan Piazza, TNC

A Louisiana Story (Room 201-202)
(78 minutes)

12:00 pm – 1:30 pm Lunch with Keynote Speaker, Kyle Graham, Executive Director, CPRA

1:30 pm – 3:00 pm Session Block II

Building Resiliency Workshop II (Panel Discussion) (Room 203-204)
Moderator: Elizabeth English, Buoyant Foundation Project
Panelists: Cynthia Sarthou, GRN, Jeffrey Thomas, Thomas Strategies, LTG Russel Honore, USACE retired, Patty Whitney, BISCO



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Lake Borgne Surge Barrier, Louisiana, USA
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CRMS Workshop (Room 205)
Sarai Piazza, USGS, Marc Comeaux, USGS, Leigh Anne Sharp, CPRA

Subsidence and Sea Level Rise II (Room 206)
Moderator: Patricia Strayer, Battelle

- | | |
|-------------------|--|
| 1:35 pm – 2:00 pm | Modeling Basement Subsidence Beneath and Beyond the Mississippi Delta
Torbjörn Törnqvist, Tulane University |
| 2:00 pm – 2:25 pm | Comparative Influence of Chronic Sea Level Rise vs. Acute Hurricane Disturbance on Coastal Bottomland Hardwood Swamp Productivity: Lessons for Living on the Edge?
Julie Whitbeck, Jean Lafitte National Park |
| 2:25 pm – 2:50 pm | Beyond just Sea Level Rise: Incorporating Climate into Coastal Wetland Vulnerability Assessments
Michael Osland, USGS |

Communicating Flood Risk (Room 207)
Moderator: Nina Reins, MWH

- | | |
|-------------------|--|
| 1:35 pm – 2:00 pm | Economically Efficient Flood Protection Standards for The Netherlands
Jarl Kind, Deltares |
| 2:00 pm – 2:25 pm | Assessment of Present and Future Safety Level of Dikes and Levees
Meindert Van, Deltares |
| 2:25 pm – 2:50 pm | A New National Weather Service Storm Surge Warning and Inundation Graphic
Jamie Rhome, NOAA-NHS |

Matching Supply and Demand in River Diversions II (Room 208-209)
Moderator: Alexander Kolker, LUMCON

- | | |
|-------------------|--|
| 1:35 pm – 2:00 pm | Effects of Freshwater Inflow on Fish and Shrimp in the Receiving Basin of a River Diversion
Kim de Mutsert, George Mason University |
| 2:00 pm – 2:25 pm | Lower Mississippi River Sediment Diversions Cumulative Benefit/ Impact Screening Tool
Stokka Brown, Moffatt & Nichol |
| 2:25 pm – 2:50 pm | A Comparative Study of Nitrogen Cycling in the Caernarvon Diversion, Bonnet Carre Spillway and Wax Lake Delta
John White, LSU |

Vegetative Response to Hydrologic Change (Room 210)
Moderator: Jenneke Visser, University of Louisiana at Lafayette

- | | |
|-------------------|---|
| 1:35 pm – 2:00 pm | Limitations of Hydrologic Regime on Schoenoplectus spp. Survival and Establishment: Implications for Marsh Restoration
Taylor Sloey, University of Louisiana at Lafayette, Student Presenter |
|-------------------|---|

- 2:00 pm – 2:25 pm Effects of Hydroperiod Variation on Vegetation Belowground Productivity: Implications for River Diversions
Gregg Snedden, USGS
- 2:25 pm – 2:50 pm Controls on Resistance of Sediment-Amended Salt Marshes to Climate Change-Induced Disturbances
Camille Stagg, USGS

Greater New Orleans Urban Water Plan (Room 211-212)
Moderator: Robin Barnes, GNO Inc.

- 1:35 pm – 2:00 pm Innovative Stormwater Management Strategies to Create a Sustainable Region
David Waggonner, Waggonner and Ball Architects
- 2:00 pm – 2:25 pm Changing the Paradigm: Stormwater Management for the Greater New Orleans Area
Jessica Watts, CDM Smith
- 2:25 pm – 2:50 pm Louisiana's 2012 Coastal Master Plan, the City of New Orleans' Master Plan, and the Greater New Orleans Urban Water Plan: Integrated Flood Protection and Building Resilient Communities
Mark Davis, Tulane University

A Louisiana Story (Room 201-202)
(78 minutes)

3:00 pm – 3:30 pm Afternoon Break with Refreshments (Exhibit Hall)

3:30 pm – 5:00 pm Session Block III

Local Economic Resilience (Room 203-204)
Moderator: Stephanie Powell, NWF

- 3:35 pm – 4:00 pm Backyard Gardens and After-School Crabbing: The Importance of Subsistence in Community and Culture in Coastal Louisiana
Shana Walton, NSU
- 4:00 pm – 4:25 pm Where Will Boaters Dock? Information to Increase Post-Storm Resilience of the Commercial Fishing Sector in Vermilion Bay
Lauren Land, Louisiana SeaGrant
- 4:25 pm – 4:50 pm Title Forthcoming
Author Forthcoming

WIFI Room (Room 205)

Private and Public Adaptations to a Changing Climate (Panel Discussion) (Room 206)
Moderator: Torbjörn Törnqvist, Tulane University
Panelists: Virginia Burkett, USGS, Robin Barnes, GNO, Inc., Cynthia McHale, Ceres, and Karim Belhadjali, CPRA



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- **Integrate.** Combine global knowledge and local expertise to address the issues of our complex and dynamic coast
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National Flood Insurance Program (Room 207) Moderator: Taylor Marshall, The Water Institute

- 3:35 pm – 4:00 pm The NFIP Program: Program Overview and Fallout from the 2012 Reform Act
Patricia Skinner, LSU AgCenter
- 4:00 pm – 4:25 pm Building a Coalition for Sustainable Flood Insurance
Michael Hecht, GNO, Inc.
- 4:25 pm – 4:50 pm Addressing Concerns of BW-12 through the Community Rating System (CRS)
Monica Teets Farris, UNO

Planning for Large River Diversions I (Room 208-209) Moderator: Wes Leblanc, CPRA

- 3:35 pm – 4:00 pm Innovative Approach to Future Conditions Basin-Side Modeling for Diversion Projects: LCA Medium Diversion at Myrtle Grove with Dedicated Dredging Project
Mark Hammons, FTN Associates
- 4:00 pm – 4:25 pm Feasibility Studies for Large-Scale Mississippi River Sediment Diversions
Jenni Schindler, C. H. Fenstermaker
- 4:25 pm – 4:50 pm Hydrodynamic and Sediment Transport Modeling using FLOW-3D for Siting and Optimization of the LCA Medium Diversion at White Ditch
Hugh Roberts, Arcadis

Vegetation Changed: Past, Present, and Future (Room 210) Moderator: Jenneke Visser, University of Louisiana at Lafayette

- 3:35 pm – 4:00 pm Redefining Salinity Regimes for Wetland Vegetation along the Louisiana Coast
Whitney Broussard, University of Louisiana at Lafayette
- 4:00 pm – 4:25 pm Changes in Distribution of Common Plant Species in Coastal Louisiana: 1997-2013
Jenneke Visser, University of Louisiana at Lafayette
- 4:25 pm – 4:50 pm Modeling Louisiana's Coast Plant Communities
Scott Duke-Sylvester, University of Louisiana at Lafayette

Watersheds and Water Quality (Room 211-212) Moderator: Marisa Escudero, Land Trust for Louisiana

- 3:35 pm – 4:00 pm Water Quality of Lake Pontchartrain during Bonnet Carré Spillway Diversion and Non-Diversion Years
Scott Mize, USGS
- 4:00 pm – 4:25 pm Decadal Trends in Nutrient Input from Four Major Rivers in Southwest Louisiana to the Gulf of Mexico
Songjie He, LSU, Student Presenter
- 4:25 pm – 4:50 pm Total Organic Carbon Loading from Louisiana's Four Major Coastal Watersheds to the Gulf of Mexico
Songjie He, LSU, Student Presenter

A Louisiana Story (Room 201-202)
(78 minutes)

5:00 pm - 7:00 pm Opening Reception (Exhibit Hall)

WEDNESDAY, MARCH 19, 2014

7:00 am – 8:30 am Registration (Entrance Hall)

8:30 am – 10:00 am Session Block IV

Citizen Participation in Coastal Restoration Moderator: (Room 203-204)
Moderator: Derek Brockbank, Mississippi River Delta Campaign

8:35 am – 9:00 am Citizen-led Monitoring of Barataria Basin Impacts and Restoration
Scott Eustis, Gulf Restoration Network

9:00 am – 9:25 am Citizen Science Group Provides in situ Data and Enhanced
Experiences for NASA DEVELOP Interns
Ross Reahard, UNO, Student Presenter

9:25 am – 9:50 am Barataria Lafitte Stakeholder Engagement Process
Corey Miller, Coalition to Restore Coastal Louisiana

WIFI Room (Room 205)

Fisheries (Room 206)
Moderator: Patricia Strayer, Battelle

8:35 am – 9:00 am Development and Adaptation of the CASM to Evaluate Food Web
Dynamics and Species Responses in Barataria Basin
Shaye Sable, Dynamic Solutions

9:00 am – 9:25 am Title Forthcoming
Author Forthcoming

9:25 am – 9:50 am Larval Crab Distribution in the Gulf of Mexico
Sarah Giltz, Tulane University, Student Presenter

Oil Spill: Droplets to Landscape (Room 207)
Moderator: Jenneke Visser, ULL

8:35 am – 9:00 am Putting the Canary Back in the Coal Mine: Crickets and Ants in the
Saltmarshes Post Macondo Blowout
Linda Hooper-Bui, LSU

9:00 am – 9:25 am Dispersant Effect in Enhancing the Droplet and Particle Formation
by Bursting Bubbles
Paria Avij, LSU, Student Presenter

9:25 am – 9:50 am Extent and Degree of Shoreline Oiling in Louisiana 2010-2013:
Deepwater Horizon Oil Spill
Scott Zengel, Atkins

Coastal Wetlands Restoration on Private Lands



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Planning for Large River Diversions II (Room 208-209)

Moderator: Susan Testroet-Bergeron, USGS

- | | |
|-------------------|--|
| 8:35 am – 9:00 am | A Quantitative Comparison of Modeling Approaches for Simulating Land Building Processes from River and Sediment Diversions
Clinton Willson, The Water Institute of the Gulf |
| 9:00 am – 9:25 am | USACE Status of Evaluating and Permitting Lower Mississippi River Diversions
Mark Wingate, USACE |
| 9:25 am – 9:50 am | Development of Models and Tools for Planning for Sediment Diversions in a Systems Context
Angelina Freeman, CPRA |

Faunal Ecology and a Changing Environment Moderator (Room 210)

Moderator: Paul Leberg, University of Louisiana at Lafayette

- | | |
|-------------------|---|
| 8:35 am – 9:00 am | Potential Impacts of Sea-Level Rise on the Migration Ecology of Shorebirds on the Northern Gulf of Mexico
Jessica Henkel, Tulane University, Student Presenter |
| 9:00 am – 9:25 am | Predicting the Impacts of River Diversion and Sea-level Rise on Eastern Oyster Growth and Production
Hongqing Wang, USGS |
| 9:25 am – 9:50 am | Marsh Management and Bird Responses in southern Vermilion Parish, LA
Erik Johnson, National Audubon Society |

Deltaic Biogeochemistry (Room 211-212)

Moderator: Estelle Robichaux, EDF

- | | |
|-------------------|---|
| 8:35 am – 9:00 am | Nutrient Biogeochemistry during the Early Stages of Development in the Mississippi River Deltaic Floodplain
Robert Twilley, Louisiana SeaGrant |
| 9:00 am – 9:25 am | Practical Examples of Integrated Ecosystem Modeling - When Water, Sediment, Vegetation, Climate and Man Meet
Luca Sittoni, Deltares |
| 9:25 am – 9:50 am | Modeling Primary Production in a Turbid Estuary
Bas Maren, Deltares |

My Louisiana Love (Room 201-202)

(64 minutes)

10:00 am– 10:30 am Morning Break with Refreshments (Exhibit Hall)

10:30 am – 12:00 pm Session Block V

Community Resilience (Room 203-204)

Moderator: Natalie Peyronnin, Environmental Defense Fund

- 10:35 am – 11:00 am Sharing Perspectives on Social Science: Best Practices for Gulf Coast Restoration
Jeffrey Buchanan, The Nature Conservancy
- 11:00 am – 11:25 am CPRA Coastal Community Resiliency Program
Melanie Saucier, CPRA
- 11:25 am – 11:50 am Assessing the Potential for Cost-Effective Nonstructural Risk Reduction in Coastal Louisiana
David Johnson, RAND Corporation

TNC Decision Support Tool Workshop (Room 205)
Nicole Love, TNC, Lauren Land, Louisiana SeaGrant, Bryan Piazza, TNC

Blue Carbon (Panel Discussion) (Room 206)
Moderator: Robert Twilley, Louisiana SeaGrant
Panelists: Sarah Mack, Tierra Resources, Steven Emmott Mattox, RAE, Bryan Perez, CH2M Hill

Oil and Gas Impacts (Room 207)
Moderator: Aaron Bass, CH2M Hill

- 10:35 am – 11:00 am Community Resilience and Oil Spills in Coastal Louisiana
Craig Colten, The Water Institute of the Gulf
- 11:00 am – 11:25 am Historical Dynamics of the Pipeline Canal and Land Loss Controversy
Jason Theriot
- 11:25 am – 11:50 am Regression Analysis Supports Using Models to Determine NRDA Claims for Small Coastal Oil Spills
Dwight Dunk, CDM Smith

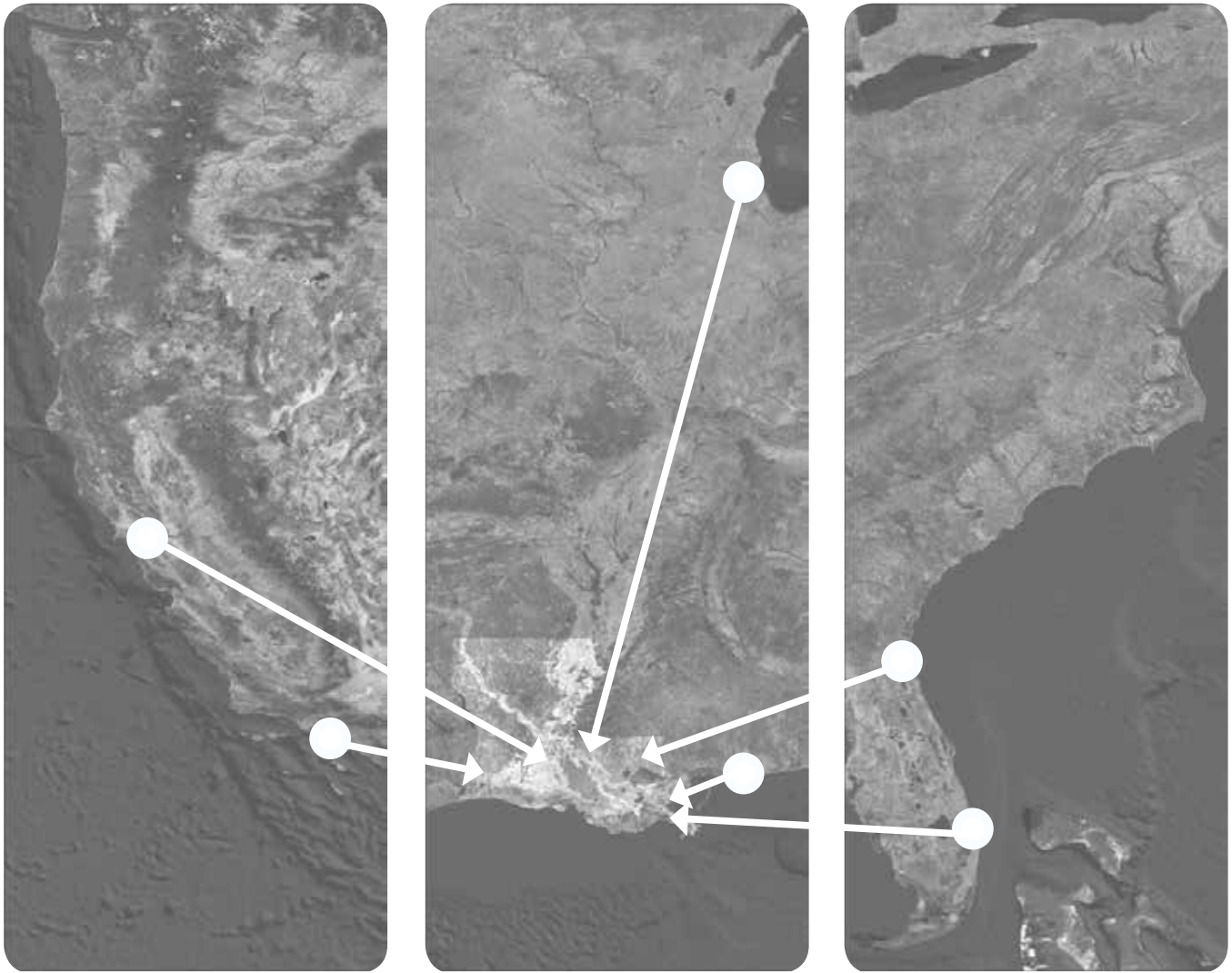
Permitting (Panel Discussion) (Room 208-209)
Moderator: Tony Risko, URS
Panelists: Mike Turner, USACE, Bren Haase, CPRA, Martin Maher, USACE

Barrier Island Ecology and Restoration (Room 210)
Moderator: Mark Hester, University of Louisiana at Lafayette

- 10:35 am – 11:00 am Pelican Reproductive Ecology on Barrier Islands: Considerations for Restoration
Paul Leberg, University of Louisiana at Lafayette
- 11:00 am – 11:25 am Influence of Barrier Island Loss on the Distribution and Survival of Brown Pelicans in Coastal Louisiana
Kristin Wakeland, University of Louisiana at Lafayette, Student Presenter
- 11:25 am – 11:50 am Evaluation of Louisiana Barrier Shoreline Restoration Strategies and its Applicability in Damage Assessment
Michael Poff, Coastal Environment Consultants

Geochemical Response (Room 211-212)
Moderator:

- 10:35 am – 11:00 am A Fluorometer-Based Method for Determination of Biochemical Oxygen Demand
Zhen Xu, LSU AgCenter, Student Presenter



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|---------------------|--|
| 11:00 am – 11:25 am | The Human-Mediated Flow of Phosphorus in Louisiana's Dynamic Coastal Landscape
Eric Roy, LSU, Student Presenter |
| 11:25 am – 11:50 am | Long-Term Dynamics of Dissolved Oxygen in a Coastal Plain Shallow Lake
Zhen Xu, LSU AgCenter, Student Presenter |

My Louisiana Love (Room 201-202)
(64 minutes)

1:30 pm – 3:00 pm Session Block VI

Creating Resilient Coastal Communities (Room 203-204)
Moderator: Craig Colten, The Water Institute of the Gulf

- | | |
|-------------------|--|
| 1:35 pm – 2:00 pm | Strategies for Building Community Resiliency
Jeffrey Carney, LSU |
| 2:00 pm – 2:25 pm | Building Resilience Community by Community
Pam Jenkins, UNO |
| 2:25 pm – 2:50 pm | Influences on Community Resilience: An Examination of Population Return to New Orleans Post-Katrina
Margaret Reams, LSU |

TNC Decision Support Tool Workshop (Room 205)
Nicole Love, TNC, Lauren Land, Louisiana SeaGrant, Bryan Piazza, TNC

Barrier Shoreline Restoration (Room 206)
Moderator: Brad Miller, CPRA

- | | |
|-------------------|--|
| 1:35 pm – 2:00 pm | Caminada Headland Beach and Dune Restoration, the First Use of Ship Shoal Sand for Restoration
Brad Miller, CPRA |
| 2:00 pm – 2:25 pm | Cameron Parish Shoreline Restoration
Bill Feazel, CPRA |
| 2:25 pm – 2:50 pm | Compactional Subsidence and Barrier Island Restoration: Caminada-Moreau Headland Subsidence Study
Mark Byrnes, Applied Coastal Research & Engineering |

Social Effects of Deepwater Horizon (Room 207)
Moderator: Brian Marks, LSU

- | | |
|-------------------|--|
| 1:35 pm – 2:00 pm | Variability in the Socioeconomic Effects of the BP Oil Spill: Ethnographic Findings from Gulf Coast Communities by Place and Economic Sector
Brian Marks, LSU |
| 2:00 pm – 2:25 pm | Living Amid Uncertainty: Social Effects of the Deepwater Horizon Disaster
Monique Verdin |
| 2:25 pm – 2:50 pm | Finding Patterns and Drawing Conclusions: The Challenges of |

Measuring Social Effects
Diane Austin, University of Arizona

Diversions: Basin-Side (Room 208-209)
Moderator: Denise Reed, The Water Institute of the Gulf

- | | |
|-------------------|--|
| 1:35 pm – 2:00 pm | Morphodynamic Assessment of Sediment Diversions
Ehab Meselhe, The Water Institute of the Gulf |
| 2:00 pm – 2:25 pm | Consolidation and Suspension Properties of Mud from Lake Lery and Relevance to Wetland Restoration
Edward Lo, LSU, Student Presenter |
| 2:25 pm – 2:50 pm | Tree Production and Growth in Tidal Swamps and the Operation of the Davis Pond Diversion during the Deepwater Horizon Incident
Beth Middleton, USGS |

Living Shorelines (Room 210)
Moderator: Jesse Noel, Stanley Consultants, Inc.

- | | |
|-------------------|---|
| 1:35 pm – 2:00 pm | Evaluating the Shoreline Protection Functioning of Three Divergent Constructed Oyster Reef Structures in Terrebonne Bay, Louisiana
Glen Curole, CPRA |
| 2:00 pm – 2:25 pm | Establishing Design Criteria: Living Shorelines
Matt Campbell, Coastal Harbor & Engineering |
| 2:25 pm – 2:50 pm | Living Shoreline Demonstration Project-Analysis of Concept Performance
Josh Carter, Coastal Harbor & Engineering |

Planning Large Hydrological Restorations (Room 211-212)
Moderator: Wes Leblanc, CPRA

- | | |
|-------------------|--|
| 1:35 pm – 2:00 pm | Calcasieu Salinity Control Measures
Austin Feldbaum, CPRA |
| 2:00 pm – 2:25 pm | Houma Navigation Canal (HNC) Lock Complex
Kenneth Bahlinger, CPRA |
| 2:25 pm – 2:50 pm | Increase Atchafalaya Flow to Terrebonne
Austin Feldbaum, CPRA |

Water Like Stone (Room 201-202)
(87 minutes)

3:00 pm – 3:30 pm Afternoon Break with Refreshments (Exhibit Hall)

3:30 pm – 5:00 pm Session Block VII

The Master Plan's Dark Matter: the Non-Structural Program (Panel Discussion)
(Room 203-204)

Moderator: Craig Colten, The Water Institute of the Gulf

Panelists: Mike Blum, Tulane University, Scott Hemmerling, The Water Institute of the Gulf, Christopher Dalbom, Tulane University, Josh Lewis, Tulane University, and Mark Davis, Tulane University

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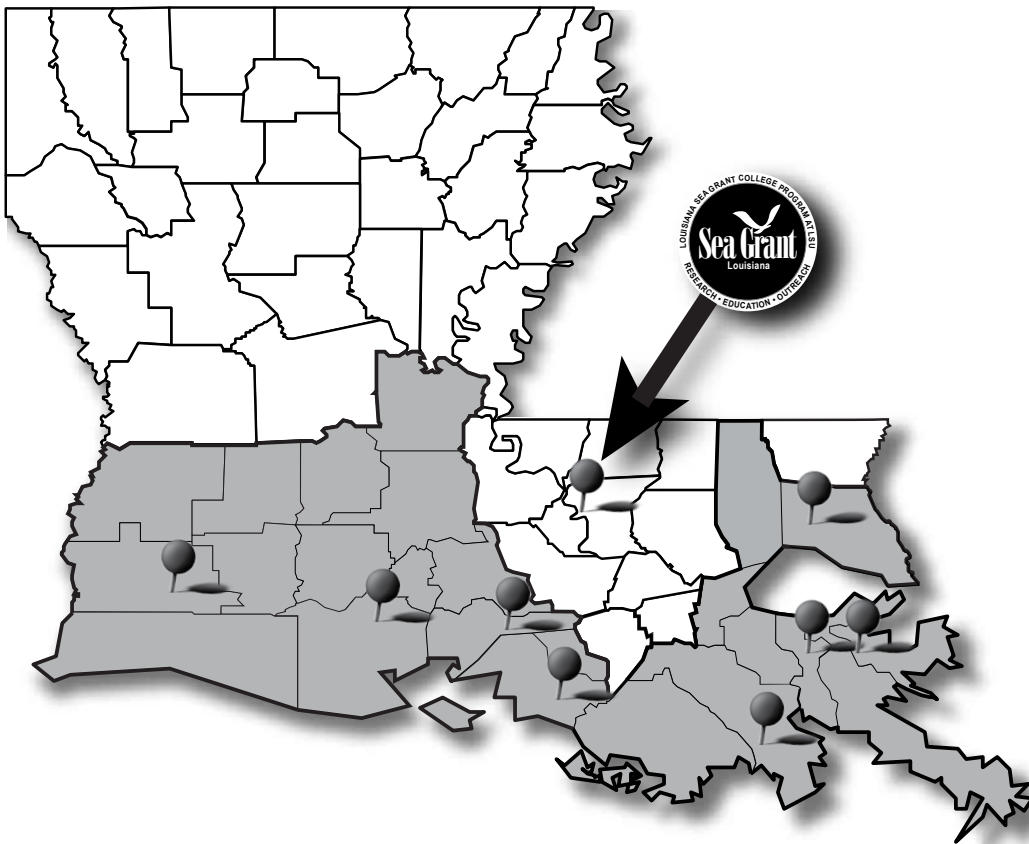
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WIFI Room (Room 205)

Borrow Site Morphology (Room 206)

Moderator: Rudy Simoneaux, CPRA

- | | |
|-------------------|---|
| 3:35 pm – 4:00 pm | Morphological Modeling of Mississippi River Sediment Borrow Sites
Santiago Alfageme, Moffatt & Nichol |
| 4:00 pm – 4:25 pm | Changes in Channel Bar Morphology and Sediment Infilling Rates in Response to Dredging within the Lower Mississippi River
Brendan Yuill, The Water Institute of the Gulf |
| 4:25 pm – 4:50 pm | Borrow Area Monitoring and Management (BAMM) Program for Coastal Restoration in Louisiana
Syed Khalil, CPRA |

Storm Surge Prediction and Impact (Room 207)

Moderator:

- | | |
|-------------------|---|
| 3:35 pm – 4:00 pm | Delft3D Modeling of Hurricane-Induced Surge and Waves in Coastal Louisiana
Kelin Hu, LSU |
| 4:00 pm – 4:25 pm | Surge Barrier Impact on Salinity in Vermilion Bay
Justin Shaw, C.H. Fenstermaker |
| 4:25 pm – 4:50 pm | Analysis of Storm Surge and Wave Reduction by Restoration Projects in Barataria Basin, Louisiana
Haihong Zhao, Arcadis |

LCA Mississippi River Hydrodynamic and Delta Management Study I (Room 208-209)

Moderator: Cherie Price, USACE

- | | |
|-------------------|--|
| 3:35 pm – 4:00 pm | Field Observations in Support of Modeling Salt Wedge Dynamics and Lateral Sand Bar Dynamics in the Lower Mississippi River in Louisiana
Mead Allison, The Water Institute of the Gulf |
| 4:00 pm – 4:25 pm | Field Data Collection Effort under the Mississippi Hydro Project
Thad Pratt, USACE |
| 4:25 pm – 4:50 pm | MRHDMS Data Delivery and Visualization on LCA.GOV
Craig Conzelmann, USGS |

Technological Innovations for Shoreline Protection (Room 210)

Moderator:

- | | |
|-------------------|--|
| 3:35 pm – 4:00 pm | Inventing Coastlines: The Patented Technologies of Artificial Marine Habitats and Coastal Infrastructure
Richard Hindle, LSU |
| 4:00 pm – 4:25 pm | Development of an Interactive Suspended Wave Screen as a Shoreline Protection Alternative to Rock with Applicability in Weak Soils
Josef Hoffman, Royal Engineering |
| 4:25 pm – 4:50 pm | Assessment of Oyster Reed Development on Fabricated Gabion |

Mats, A-Jacks and ReefBlks at CWPPRA Project TE-45, Terrebonne Bay, Four Years Post Construction
Earl Melancon, NSU

Restoration Management (Room 211-212)
Moderator: Lynette Cardoch, MWH Global

3:35 pm – 4:00 pm	Adaptive Management of the Central Terrebonne Marshes Marc Johnson, FTN Associates
4:00 pm – 4:25 pm	The Big Picture: An Analysis of Institutional Structures Estelle Robichaux, EDF
4:25 pm – 4:50 pm	Large-scale Coastal Restoration of Salt Marshes and Tidal Flat Ecosystems along the Arabia Gulf: Applying Principals of Adaptive Management Jacqueline Michel, Research Planning, Inc.

Water Like Stone (Room 201-202)
(87 minutes)

5:00 pm – 6:00 pm Happy Hour Poster Session (Entrance Hall)

THURSDAY, MARCH 20, 2014

8:30 am – 10:00 am Session Block VIII

Planning Tools for Community Resilience and Stormwater Management
(Room 203-204)
Moderator: Pam Jenkins, UNO

8:35 am – 9:00 am	Town of Jean Lafitte and Lafourche Parish Comprehensive Resiliency Plans Jeannette Dubinin, CPEX
9:00 am – 9:25 am	Planning and the Pursuit of Resilience in Post-Katrina Louisiana: An Examination of Parish-level Attitudes and Actions Betsy Paille, LSU
9:25 am – 9:50 am	Leveraging GIS Tools and Existing Data to Develop a Master Stormwater Plan for Lafourche Parish Marc Johnson, FTN

WIFI Room (Room 205)

Sediment Management: Borrow and Fill (Room 206)
Moderator: Rudy Simoneaux, CPRA

8:35 am – 9:00 am	Evaluation of Settling Velocity of Fine-Grained Dredged Sediments Used in Coastal Restoration Projects Gregory Mattson II, UNO, Student Presenter
9:00 am – 9:25 am	Shoaling Anaysis of the Calcasieu Ship Channel Loop Pass Mitch Andrus, Royal Engineering
9:25 am – 9:50 am	Utilizing Mississippi River Sediment as a Renewable Coastal



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Restoration Strategy
Paul Tschirky, Moffatt & Nichol

Wetlands and Waves I (Room 207)
Moderator: Tonja Koob, Gaea Consultants

- | | |
|-------------------|---|
| 8:35 am – 9:00 am | Numerical Modeling of Surface Waves over Submerged Flexible Vegetation
Ling Zhu, LSU, Student Presenter |
| 9:00 am – 9:25 am | Simulation of Storm-Surge Flood on Coastal Wetlands using the Immersed Boundary Method
Ning Zhang, McNeese University |
| 9:25 am – 9:50 am | Probability Distribution of Wave Heights Attenuated by Salt Marsh Vegetation during Tropical Cyclone
Ranjit Jadhav, FTN Associates |

LCA Mississippi River Hydrodynamic and Delta Management Study II
(Room 208-209)
Moderator: Barbara Kleiss, USACE

- | | |
|-------------------|---|
| 8:35 am – 9:00 am | Geomorphic Assessment of the Lower Mississippi River, Old River to Head of Passes
David Biedenbarn, Biedenbarn Group |
| 9:00 am – 9:25 am | Adaptive Hydraulics-SEDLIB Modeling of the Riverside Impacts of Sediment Diversions in the LMR
Gary Brown, USACE |
| 9:25 am – 9:50 am | One-dimensional Sedimentation Modeling of the Lower Mississippi River Response to Proposed Sediment Diversions
Ronald Heath, USACE |

Stakeholder Partnerships (Room 210)
Moderator: Nicole Love, TNC

- | | |
|-------------------|--|
| 8:35 am – 9:00 am | The Southwest Coastal LA Feasibility Study: A Reluctant Partnership
Norwyn Johnson, CPRA |
| 9:00 am – 9:25 am | EPA Urban Waters Program: Reconnecting Urban Communities to Their Waterways
Danny Wiegand, EPA |
| 9:25 am – 9:50 am | Louisiana's Water Innovation Cluster: Is It Ready for Global Competition?
Stephen Picou, Horizon Initiative Water Committee |

International Perspectives on Coastal Restoration (Room 211-212)
Moderator: Mel Landry III, NOAA

- | | |
|-------------------|--|
| 8:35 am – 9:00 am | Tracer Technology: a Tool for Understanding Sediment Transport Processes and Determining Pathways, Rate and Fate of Transport in Coastal Environments
Jonathan Marsh, ETS Worldwide Unlimited |
| 9:00 am – 9:25 am | International Barrier Island and Beach Restoration Experiences
Adam Hosking, CH2M Hill |

9:25 am – 9:50 am Reestablishing Tidal Channel Ecological Functions: Learning from the Large-Scale Restoration Program along the Arabian Gulf Coastline
Linos Cotsapas, Research Planning, Inc.

Beasts of the Southern Wild (Room 201-202) (93 Minutes)

10:00 am – 10:30 am Morning Break with Refreshments (Exhibit Hall)

10:30 am – 12:00 am Session Block IX

Coastal Resilience: Individual and Community Options (Room 203-204)
Moderator: Robert Gramling, University of Louisiana at Lafayette

10:35 am – 11:00 am Complexities of Resilience: Adaptation and Change within Human Communities of Coastal Louisiana
Conner Bailey, Auburn University

11:00 am – 11:25 am Loss and Adaptation following the BP Oil Spill: Community Cohesion and Social Networks
JoAnne DeRouen, University of Louisiana at Lafayette

11:25 am – 11:50 am The Making of an Inherently Resilient Community: How Drilling for Oil and Oystermen First Collided
Audrey Maass, LSU, Student Presenter

EverView Data Visualization Tool Workshop (Room 205)
Craig Conzelmann, USGS-NWRC, Kevin Suir, USGS-NWRC

Dredge (Panel Discussion) (Room 206)
Moderator: John Headland, Moffatt & Nichol

Panelists: Bill Hanson, Great Lakes Dock and Dredge, Chuck Broussard, Weeks Marine, Inc., Russ Joffrion, CPRA

Waves and Wetlands II (Room 207)
Moderator:

10:35 am – 11:00 am Wind Effects on Nonlinear Interactions of Shallow Water Waves
Ke Liu, LSU, Student Presenter

11:00 am – 11:25 am Passing Vessel Effects on Shorelines and Wetlands
Erin Rooney, HDR

11:25 am – 11:50 am Advancements in Hurricane Storm Surge Modeling Utilizing the ADCIRC Model
Zachary Cobell, Arcadis

LCA Mississippi River Hydrodynamic and Delta Management Study III (Room 208-209)
Moderator: Carol Parsons

10:35 am – 11:00 am Three-Dimensional Hydrodynamic and Sediment Transport

Modeling of the Lower Mississippi River below the Bonnet Carré
Spillway
Joao Pereira, The Water Institute of the Gulf

11:00 am – 11:25 am Numerical Modeling of Sediment Diversions in the Lower
Mississippi River
Ehab Meselhe, The Water Institute of the Gulf

11:25 am – 11:50 am Hydrodynamics and Salinity Modeling in the Lowermost Mississippi
River and Delta
Ioannis Georgiou, UNO

Perspectives on Large-Scale Restoration (Room 210)
Moderator: Angelina Freeman, CPRA

10:35 am – 11:00 am The Atchafalaya River Basin: State of the Science and
Opportunities for Conservation and Restoration
Bryan Piazza, TNC

11:00 am – 11:25 am Keys to Building a Successful Adaptive Management Program
Stuart Appelbaum, Arcadis

11:25 am – 11:50 am Changing Course
Clinton Willson, The Water Institute of the Gulf

CPRA Monitoring Initiatives (Room 211-212)
Moderator: Richard Raynie, CPRA

10:35 am – 11:00 am Louisiana's Coastwide Reference Monitoring System-Wetlands
(CRMS)
Dona Weifenbach, CPRA

11:00 am – 11:25 am Louisiana's Barrier Island Comprehensive Monitoring Program
(BICM): Past, Present, and Future
Darin Lee, CPRA

11:25 am – 11:50 am System-Wide Assessment and Monitoring Program
Richard Raynie, CPRA

Beasts of the Southern Wild (Room 201-202) (93 minutes)

1:30 pm – 3:00 pm

Session Block X

Human and Neighborhood Scale Adaptation (Room 203-204)
Moderator: Stephanie Powell, NWF

1:35 pm – 2:00 pm Influences on Household and Community-Level Mitigation Efforts
and Adaptations to Coastal Hazards in Louisiana
Emily Gootee, LSU, Student Presenter

2:00 pm – 2:25 pm Accessing and Interpreting Coastal Restoration
Amanda Moore, NWF

2:25 pm – 2:50 pm Retrofitting Communities through Planning and Design to be More
Resilient
Patrick Michaels, LSU

EverView Data Visualization Tool Workshop (Room 205)
Craig Conzelmann, USGS-NWRC, Kevin Suir, USGS-NWRC

Emergent Deltas I (Room 206)
Moderator: James Pahl, CPRA

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|-------------------|--|
| 1:35 pm – 2:00 pm | Hydrodynamic Energy Regimes in the Wax Lake
Chunyan Li, LSU |
| 2:00 pm – 2:25 pm | Long-term Wetland Surface Changes in the Atchafalaya Delta
Guerry Holm, CH2M Hill |
| 2:25 pm – 2:50 pm | Productivity and Resilience in the Plant Community of the Wax Lake Delta and Adjacent Mainland Marshes
Melissa Carle, LSU |

Hurricane Sediment Transport (Room 207)
Moderator: Tonja Kook, Gaea Consultants

- | | |
|-------------------|---|
| 1:35 pm – 2:00 pm | The Sedimentary Signature of Hurricane Isaac in Coastal Wetlands along the Western Edge of Lake Pontchartrain
Kam-biu Liu, LSU |
| 2:00 pm – 2:25 pm | Shelf Sediment Transport during Hurricanes Katrina and Rita
Kehui Xu, LSU |
| 2:25 pm – 2:50 pm | A Hurricane Impact History of Frenier Louisiana from Sedimentary Processes
Gregory Keller, LSU, Student Presenter |

Tools for Visualizing the Lower Mississippi River (Room 208-209)
Moderator: Alisha Renfro, NWF

- | | |
|-------------------|---|
| 1:35 pm – 2:00 pm | The Expanded Small Scale Physical Model of the Lower Mississippi River
Rudolph Simoneaux, Coastal Protection and Restoration Authority |
| 2:00 pm – 2:25 pm | Demystifying the Sediment Diversion: Visualizing Precedent, Intervention, and Predicted Results
Jeffrey Carney, LSU |
| 2:25 pm – 2:50 pm | River Diversions: Mineral Sediment Input and Marsh Loss
Ronnie Paille, USFWS |

2017 Master Plan Modeling Presentations (Room 210)
Moderator: Jenneke Visser, University of Louisiana at Lafayette

- | | |
|-------------------|---|
| 1:35 pm – 2:00 pm | 2017 Model Improvement Plan Overview
Mandy Green, CPRA |
| 2:00 pm – 2:25 pm | Incorporating New Processes: Sediment Distribution and Marsh Edge Erosion
Alex McCorquodale, University of New Orleans |
| 2:25 pm – 2:50 pm | Coastal Louisiana Barrier Island Morphology Modeling: A Hybrid Approach
Michael Poff, Coastal Engineering Consultants |

Mapping and Modeling Coastal Change (Room 211-212)
Moderator: Margaret Reams, LSU

- | | |
|-------------------|--|
| 1:35 pm – 2:00 pm | Persistence and Change – Mapping Community Resilience in |
|-------------------|--|

	Coastal Louisiana, 1930-2010 Scott Hemmerling, The Water Institute
2:00 pm – 2:25 pm	A Method for Knowledge Integration and Mapping to Inform and Enhance Future Coastal Planning and Implementation Efforts Matthew Bethel, Louisiana SeaGrant
2:25 pm – 2:50 pm	Modeling Land Use and Land Cover Changes in Coastal Louisiana Using Artificial Neural Network Yi Qiang, LSU

Beasts of the Southern Wild (Room 201-202) (93 minutes)

3:00 pm – 3:30 pm Afternoon Break with Refreshments (Exhibit Hall)

3:30 pm – 5:00 pm Session Block XI

Designing and Adaptations to Changing Environments (Room 203-204)
Moderator: Joanne Derouen, University of Louisiana at Lafayette

3:35 pm – 4:00 pm	From Boat-to-Fork: Lessons Learned from Market-Based Adaptation in Delcambre Candace May, University of Louisiana at Lafayette
4:00 pm – 4:25 pm	Community Elevation: A Case Study of Delcambre, LA Bob Gramling, University of Louisiana at Lafayette
4:25 pm – 4:50 pm	Adaptive Land and Water Management on the Coast: From Agriculture to Aquaculture in Pecan Island, LA Kari Smith, University of Louisiana at Lafayette

WIFI Room (Room 205)

Emergent Deltas II (Room 206)
Moderator: Angelina Freeman, CPRA

3:35 pm – 4:00 pm	Spatial and Seasonal Variability of Sediment Respiration and Nutrient Fluxes in a Developing Subdelta: the Wax Lake Delta Atchafalaya River Delta Estuary Ciara Chambers, LUMCON, Student Presenter
4:00 pm – 4:25 pm	Tidal Modulated Flow and Sediment Flux through Wax Lake Delta Distributary Channels: Implications for Delta Development Kevin Hanegan, Student Presenter
4:25 pm – 4:50 pm	Sediment Distribution in the Wax Lake Delta-Marshlands: Implications to River Diversions Harry Roberts, LSU

Wave Reduction (Room 207)
Moderator:

3:35 pm – 4:00 pm	An Assessment of the Performance of Raccoon Island Breakwater Projects Glen Curole, CPRA
4:00 pm – 4:25 pm	Measurement of Wave-Induced Current Velocity in Salt Marsh of Terrebonne Bay, LA Arash Karimpour, LSU

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4:25 pm – 4:50 pm Investigation of Relationship between Wave Power and Shoreline Retreat in Terrebonne Bay, Southern Louisiana
Kyle Parker, LSU, Student Presenter

Restoration Lessons from the Geological Record (Room 208-209)
Moderator:

3:35 pm – 4:00 pm Using the Late Holocene Stratigraphic Record to Guide Mississippi Delta Restoration
Zhixiong Shen, Tulane University

4:00 pm – 4:25 pm Using the Late Holocene Stratigraphic Record to Guide Mississippi Delta Restoration: Constraining Subdelta Progradation Rates
Elizabeth Chamberlain, Tulane University, Student Presenter

4:25 pm – 4:50 pm Eco-Geomorphologic Evolution of the Brazos River Delta in the last 10,000 years: A Case Study of the Texas Upper Coast
Juan Moya, Atkins

2017 Master Plan Modeling (Room 210)
Moderator: Natalie Peyronnin, Environmental Defense Fund

3:35 pm – 4:00 pm Improving Fish and Wildlife Predictions
Denise Reed, The Water Institute of the Gulf

4:00 pm – 4:25 pm Developing Future Uncertainty Scenarios
Ehab Meselhe, The Water Institute of the Gulf

4:25 pm – 4:50 pm Extended Audience Questions on Integrating Approaches for the 2017 Coastal Master Plan

Measuring Success of Coastal Restoration (Room 211-212)
Moderator: Jeff Carney, LSU

3:35 pm – 4:00 pm Assessing Coastal Community Resilience in Louisiana and the Netherlands: Conceptual and Methodological Challenges
Ryan Kirby, LSU, Student Presenter

4:00 pm – 4:25 pm Restoring Freshwater Wetlands – Keeping Saline Waters at Bay for LaBranche
Maarten Kluijver, Moffatt & Nichol

4:25 pm – 4:50 pm A Legal & Cost Analysis of Rapid Land-Building Technologies in the Netherlands and Louisiana
Megan Biven

Filmmaking and the Role of the Arts in Coastal Protection and Restoration (Panel Discussion) (Room 201-202)

Film: Can't Stop the Water (38 minutes)

Moderator: Mike Pasquier, LSU

Panelists: Glen Pitre, Zack Godshall, Casey Coleman, Rebecca Ferris, Monique Verdin



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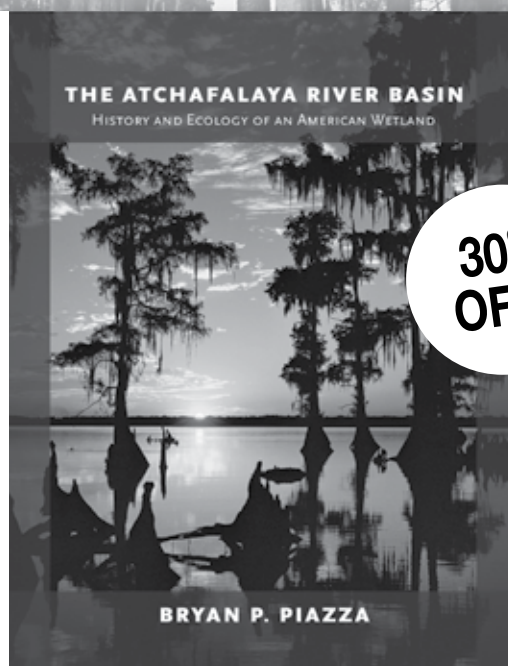
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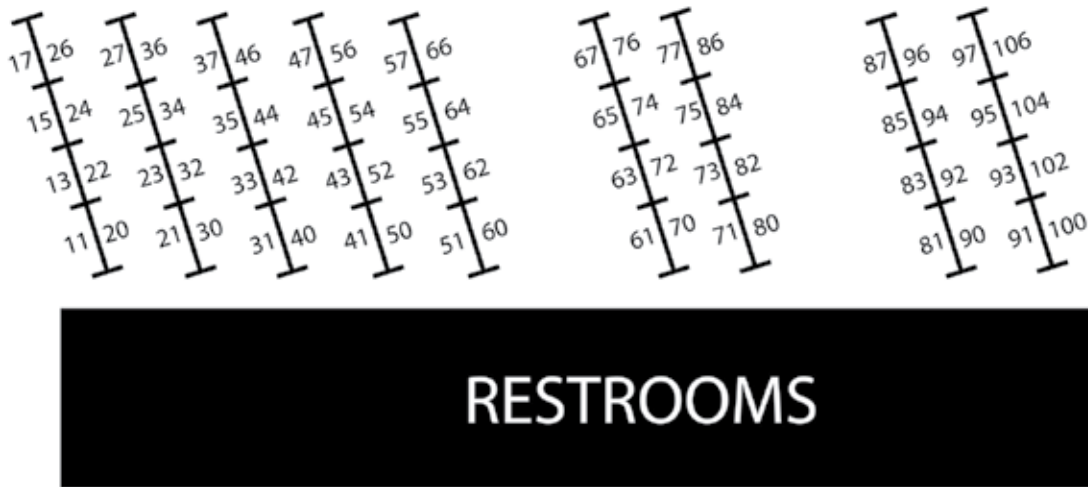
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POSTER PRESENTATIONS



POSTER LOCATIONS

ADAPTIVE MANAGEMENT

1. Implications of Beach Restoration on Piping Plover (*Charadrius melodus*) on the Caminada Headland Beach and Dune Restoration Project
Delaina LeBlanc, Barataria-Terrebonne National Estuary Program
10. Developing Coastal Wetland Management on the Chenier Plain using Geospatial Analysis of Natural and Anthropogenic Land Change
D. Stephen Nevitt II, University of Louisiana at Lafayette - Student Presenter

BARRIER ISLANDS AND SHORELINES

11. Monitoring Coastal Erosion at Near-Shore Structures in Southwest Louisiana
Amit Sharma, McNeese State University - Student Presenter

COMMUNITY RESILIENCE

13. Shrink NOLA to Save NOLA
Ian Brown, Louisiana State University - Student Presenter
15. Art + the Louisiana Coast
Shelby Doyle, Louisiana State University

POSTER LOCATIONS CONT.

- 17. Integrating Natural Infrastructure into Urban Coastal Resilience:
Howard Beach, New York City
Luce Bassetti, CH2M Hill
- 20. Coastal Forest Conservation for Ecosystem Benefits and Community Resilience
Honora Buras, Coastal Protection and Restoration Authority
- 22. Coastal Resiliency: From Agriculture to Aquaculture
Melissa Chapman, University of Louisiana at Lafayette - Student Presenter

DEEPWATER HORIZON OIL SPILL

- 23. Potential Effects of 2010 Deepwater Horizon Oil Spill on Denitrification Rates of Louisiana Coastal Wetland Soil
Jason Pietroski, Louisiana State University - Student Presenter
- 24. Physiological Recovery of Smooth Cordgrass (*Spartina alterniflora* Loisel) in Barataria Bay after Deepwater Horizon Oil Spill
Noble Opusunju, Xavier University - Student Presenter
- 25. Near Real-Time Determination of Volatile Organic Compounds in Air and Water Samples Associated with Dispersed Crude Oil
Parichehr Saranjampour, Louisiana State University - Student Presenter

DIVERSIONS

- 26. Wildlife and Fisheries Responses to Diversions
David Lindquist, Coastal Protection and Restoration Authority
- 27. River Diversions as a Component of Louisiana's Integrated Master Plan, and Potential Effects of Diversion Flows on Receiving Basins
James Pahl, Coastal Protection and Restoration Authority
- 30. Sustainability of Wetland Soils and Vegetation Receiving Diversion Flows
James Pahl, Coastal Protection and Restoration Authority
- 31. Constructed and Proposed Diversions, Spillways, and Siphons in South Louisiana
Carol Parsons-Richards, Coastal Protection and Restoration Authority
- 32. West Bay Sediment Diversion: Review of Design, Progress and Effects
Erin Plitsch, Coastal Protection and Restoration Authority
- 33. Water Quality in Adjacent Open Water Bodies Receiving Diversion Inflows
Richard Raynie, Coastal Protection and Restoration Authority
- 34. Land Building from the Delivery of River Sediments to Intertributary Basins
Brian Vosburg, Coastal Protection and Restoration Authority
- 35. Do Constructed Crevasses Obey Delta Laws? Implications for the Restoration of the Mississippi River Delta
Tara Yocum, University of New Orleans - Student Presenter

-
36. Wetland Vegetation Dynamics and Ecogeomorphology in the West Bay Diversion, LA
Alex Ameen, Tulane University

HISTORICAL / CURRENT STATUS OF COASTAL RESOURCES

40. MRHDMS Data Delivery & Online Visualization
Craig Conzelmann, U.S. Geological Survey National Wetlands Research Center
41. Emergent Wetlands Status and Trends in the Northern Gulf of Mexico: 1950-2010
Kate Spear, U.S. Geological Survey National Wetlands Research Center
42. Coastal Vegetation Types in Louisiana in 2013
Jenneke Visser, University of Louisiana at Lafayette

HURRICANES

43. Hurricane IKE (2008) Simulation Experiment using WRF
Linlin Cui, Louisiana State University - Student Presenter
44. Characterization of Historic Sedimentation and Coupled Natural-Human Dynamics in a Vulnerable Region of Coastal Louisiana
Jonathan Lambert, Louisiana State University - Student Presenter
45. Storm Surge Effects on the Distribution of Salinity in the Wetland Soils of Coastal Marshes in the Wax Lake Delta, LA
Morgan McKee, Louisiana State University - Student Presenter

INNOVATIVE TOOLS

46. Shoreline Green Infrastructure - The Next Generation of Resilient Techniques
Ed Morgereth, Biohabitats, Inc.
47. Engineered Oyster Reef Breakwaters on the Gulf Shoreline of Louisiana
Tyler Ortego, ORA Estuaries/Wayfarer Environmental Technologies
50. Wave Robbers™: Erosion Control and Land Reclamation Preliminary Function Evaluation, Field Evaluation, and Design Refinement Study
Nicholas McCoy, University of Louisiana at Lafayette - Student Presenter
51. CPRA Research Support
Summer Langlois, Coastal Protection and Restoration Authority
53. Development of *Spartina spartinae* Lines for Improved Seed Production and Viability for Restoration Along the Gulf Coast
Garret Thomassie, U.S. Department of Agriculture Natural Resources Conservation Service

POSTER LOCATIONS CONT.

- 54. Vegetative Releases for Beach, Marsh, and Estuary Restoration in South Louisiana
Garret Thomassie, U.S. Department of Agriculture Natural Resources Conservation Service
- 55. Louisiana Coastal Protection and Restoration Authority Coastal Information Management System (CIMS)
Charles Villarubia, Coastal Protection and Restoration Authority
- 56. Development of a Vegetative Volume Index for the Coastwide Reference Monitoring System-Wetlands
Bernard Wood, Coastal Protection and Restoration Authority
- 57. Optimizing the Design of Shoreline Protection to Reduce Marsh Edge Erosion for Louisiana Coastal Protection and Restoration
Agnimitro Chakabarti, Louisiana State University - Student Presenter
- 60. Legal Aspects of Wetland Creation and Carbon Capture for Coastal Louisiana
Casey Pickell, Louisiana State University - Student Presenter
- 95. The 2012 Coastal Master Plan as a Vehicle for Improving Undergraduate Education in Engineering, Hydrology, and Coastal Sciences
Madeleine Bodin, University of Louisiana at Lafayette - Student Presenter

LESSONS LEARNED

- 61. USACE Mitigation at Manchac Wildlife Management Area
Getrisc Coulson, U.S. Army Corps of Engineers
- 62. Bayou LaBranche Wetland Creation (PO-17): What Have We Learned From Two Decades of Monitoring?
Danielle Richardi, Coastal Protection and Restoration Authority
- 63. Elevation Change in a Sediment-Slurry Amendment Restoration Site in Port Fourchon, LA
Scott Jones, University of Louisiana at Lafayette - Student Presenter

LIVING RESOURCES AND MONITORING

- 64. An Examination of Various Socio-Economic Indicators in a Louisiana Oyster Fishery
Jason Shackelford, SWCA Environmental Consultants
- 65. Effects of Invasive Fire Ant Establishment and Subsequent Treatment on Brown Pelican Nest Success in the Gulf of Mexico
Brock Geary, Tulane University - Student Presenter
- 66. Analytical Data Tools Employed by Louisiana's Coastwide Reference Monitoring System-Wetlands
Thomas McGinnis, Coastal Protection and Restoration Authority
- 67. The Effect of Beach Nourishment on Piping plovers (*Charadrius melodus*) and Infaunal Invertebrate Communities on Louisiana Barrier Islands
Jessica Schulz, University of Louisiana at Lafayette - Student Presenter

-
- 70. Salinity and Fertilization Effect on Growth and Biomass of *Typha domingensis*
Bobby Wells Soukanh, University of Louisiana at Lafayette - Student Presenter
 - 71. Assessment of the Habitat Value and Edge Effect of Different Wetland Restoration Techniques for Waterbirds in Southeastern Louisiana
Lauren Sullivan, Louisiana State University - Student Presenter
 - 72. Management and Economic Implications of Oyster Harvest Areas in Louisiana
Morgan Taylor, Louisiana State University - Student Presenter
 - 73. Coastal Ecology of Louisiana Carnivores
Mirka Zapletal, University of Louisiana at Lafayette - Student Presenter
 - 96. Alternative Bait for the Louisiana Commercial Blue Crab (*Callinectes sapidus*) Fishery
Nikki Anderson, Louisiana State University - Student Presenter

PHYSICAL AND ECOSYSTEM MODELING

- 74. Cloud Cover, Water Quality, and Spatial Analysis: Enhancements to a Mechanistic Model of Light Dynamics and Phytoplankton Growth in Little Vermillion Bay
Rifat Alam, University of Louisiana at Lafayette - Student Presenter
- 75. Study on Effectiveness of Protection and Restoration Strategy in the Coastal Area of Louisiana
Minhaz Shahriar, Louisiana Tech University - Student Presenter
- 76. Modeling the Effects of Hypoxia on Fish Movement in the Gulf of Mexico Hypoxic Zone
Elizabeth LaBone, Louisiana State University - Student Presenter
- 77. Preliminary Investigation of Uncertainties in Future Conditions of Exogenous Environmental Factors used in the Master Plan Predictive Models
Selina Jahan Sumi, University of Louisiana at Lafayette - Student Presenter

REGIONAL SEDIMENT MANAGEMENT

- 80. Application of LASARD to Large Scale Modeling in MRHDMS Project
Andrew Crabb, BEM Systems, Inc.
- 81. Regional Surficial Sediment Distribution Map, Offshore Louisiana
Syed Khalil, Coastal Protection and Restoration Authority
- 82. The Impacts of Different Sediment Sources on the Sedimentation in Calcasieu Ship Channel
Adam Oler, McNeese State University - Student Presenter

RIVER & DELTA DYNAMICS

- 83. Eighty-Year Variability of River Discharge from the Mississippi-Atchafalaya River System (MARS) and the Amite River to the Gulf of Mexico
Ivan Prock, Louisiana State University - Student Presenter



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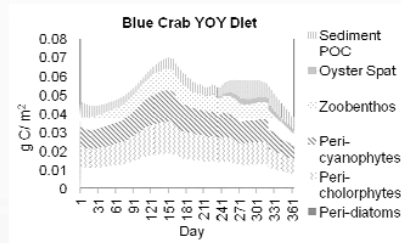
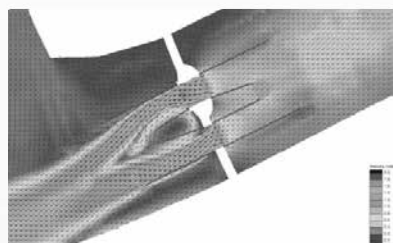
Lake Borgne Storm Surge Barrier



Cole's Bayou Marsh Restoration



Myrtle Grove Ecological Model



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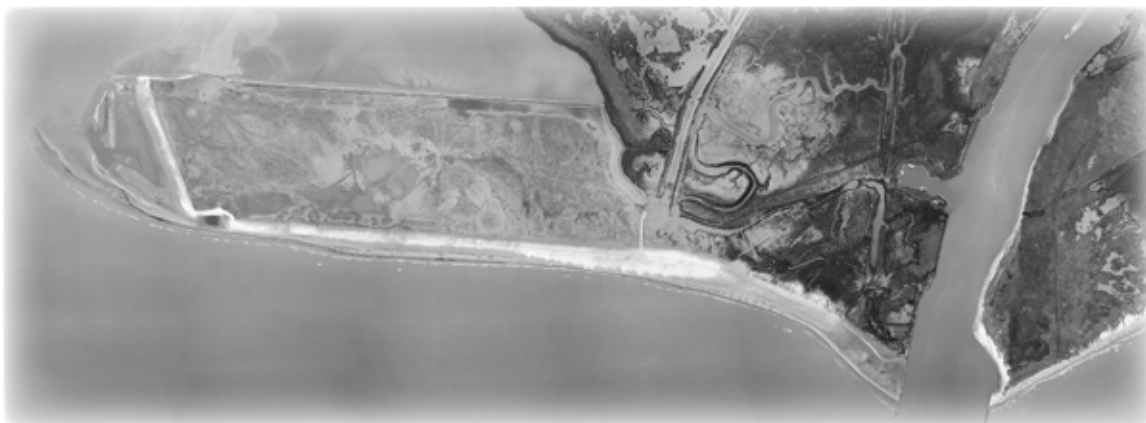
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- 84. LCA Mississippi River Hydrodynamic and Delta Management Study - Field Observational Studies of Hydrodynamics and Sediment Transport in Lower Mississippi River
Mead Allison, The Water Institute of the Gulf
- 85. Louisiana Coastal Zone Research and Mapping by the Louisiana Geological Survey
Paul Heinrich, Louisiana Geological Survey
- 86. LCA Mississippi River Hydrodynamic and Delta Management Study – One and Multi-Dimensional Modeling
Ehab Meselhe, The Water Institute of the Gulf
- 87. On the Amount of Sediment Deposited in Floodplains from the Mississippi River: A Case Study in Cat Island National Wildlife Refuge, Louisiana
Matthew Smith, Louisiana State University - Student Presenter
- 90. Buried Distributaries as a Conduit for Groundwater Flow in Barataria Bay, Louisiana
Alexander Breaux, Louisiana Universities Marine Consortium - Student Presenter
- 91. Using the Late Holocene Stratigraphic Record to guide Mississippi Delta Restoration: Sediment Budget of a Relict Natural River Diversion
Christopher Esposito, Tulane University - Student Presenter
- 92. Using the Late Holocene Stratigraphic Record to guide Mississippi Delta Restoration: Rates of carbon Sequestration
Krista Jankowski, Tulane University - Student Presenter
- 93. Patterns of Sediment Accumulation over Decadal Timescales in the Breton Sound Basin
James Smith, Louisiana State University - Student Presenter
- 94. Influences of Hurricanes, Floods, and Organic Production on River-Delta Evolution
Crawford White, Louisiana State University - Student Presenter

WATER QUALITY

- 97. A Watershed Education: Water Quality Monitoring and GIS Analysis on Bayou Vermilion
Claire Coussan, University of Louisiana at Lafayette - Student Presenter
- 100. Water Quality Impacts Overtime due to Changes in Land Use
Justin Shaw, C. H. Fenstermaker & Associates
- 102. Heavy Metal Transport in the Lower Calcasieu River Basin, Southwest Louisiana
Kaci Fisher, Louisiana State University - Student Presenter
- 104. Heavy Metal Transport and Retention in the Atchafalaya River
Kaci Fisher, Louisiana State University - Student Presenter
- 106. The Occurrence of Stratification Induced Hypoxia near the Chandeleur Islands, LA: Insights into Physical Controls
Jeremy Henley, University of New Orleans - Student Presenter

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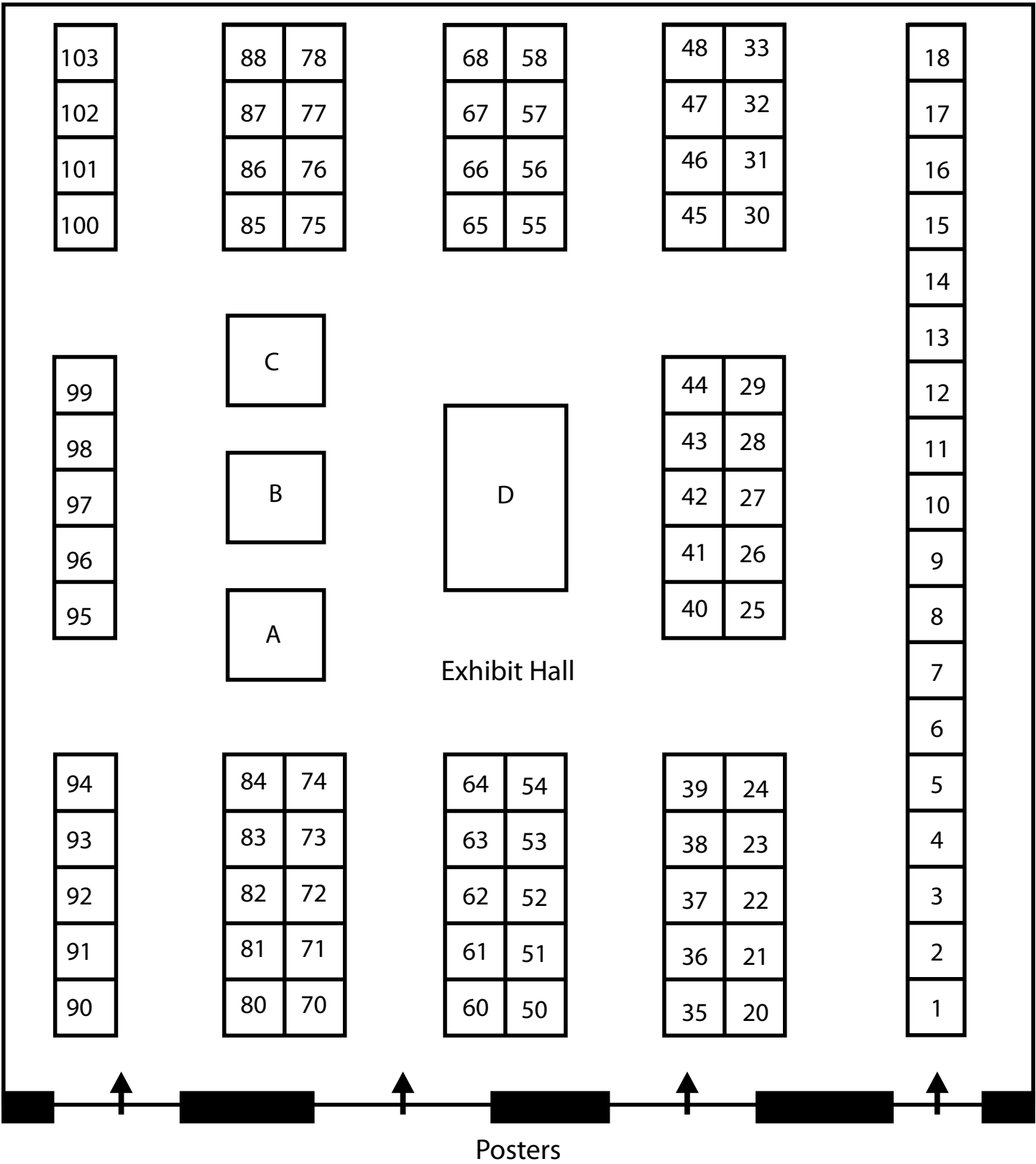
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EXHIBIT HALL MAP



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Email: info@cleanwaterlandcoast.com</p> <p>18 Gulf Coast Aggregates
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Email: eereardon@aol.com</p> | <p>20 Stream Wetland Services, L.L.C.
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Email: jcarney@lsu.edu</p> <p>25 Morris P. Hebert, Inc. (MPH)
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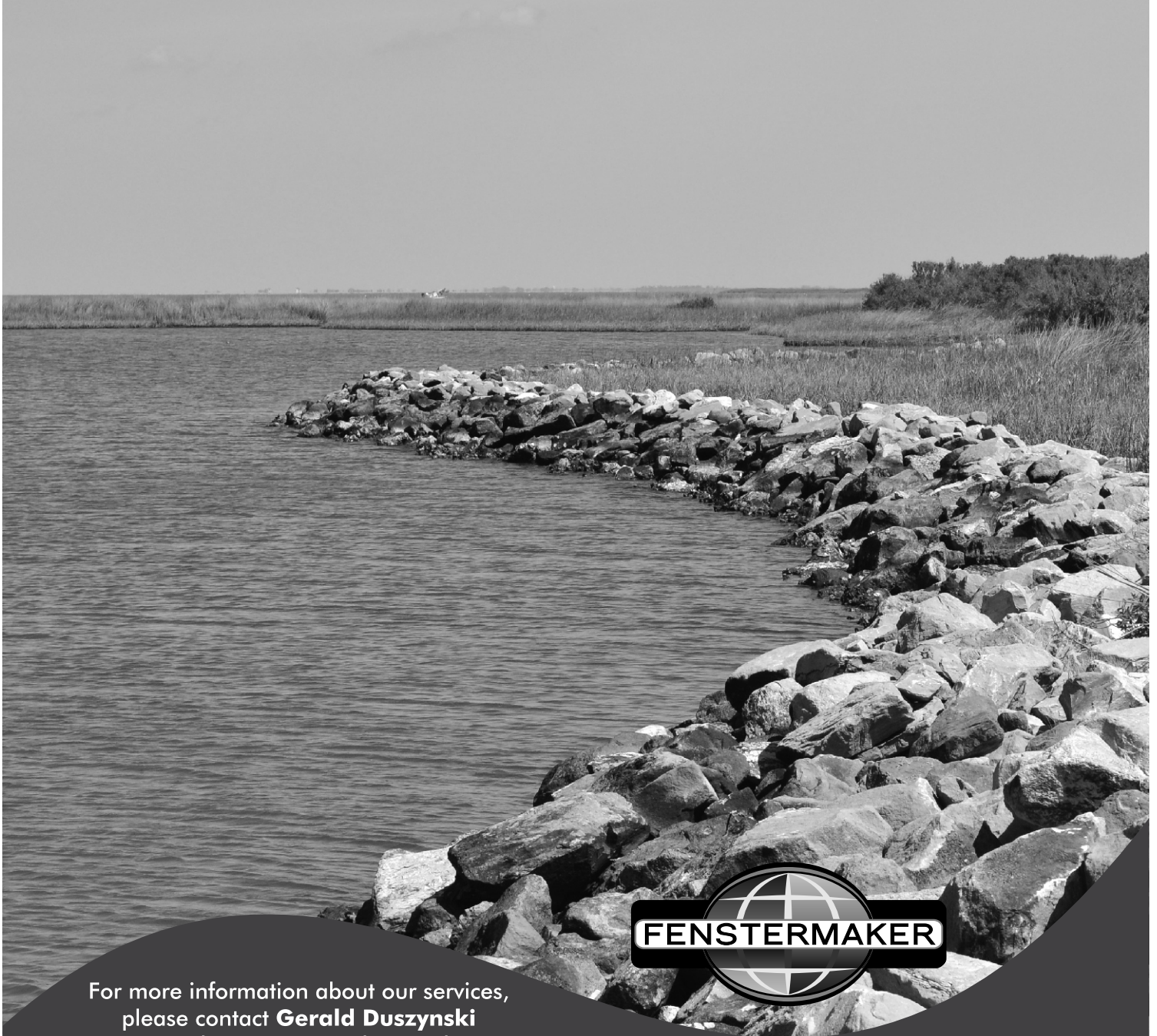
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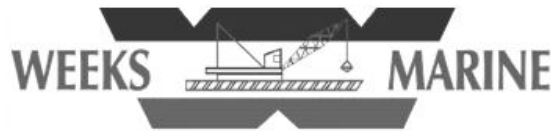
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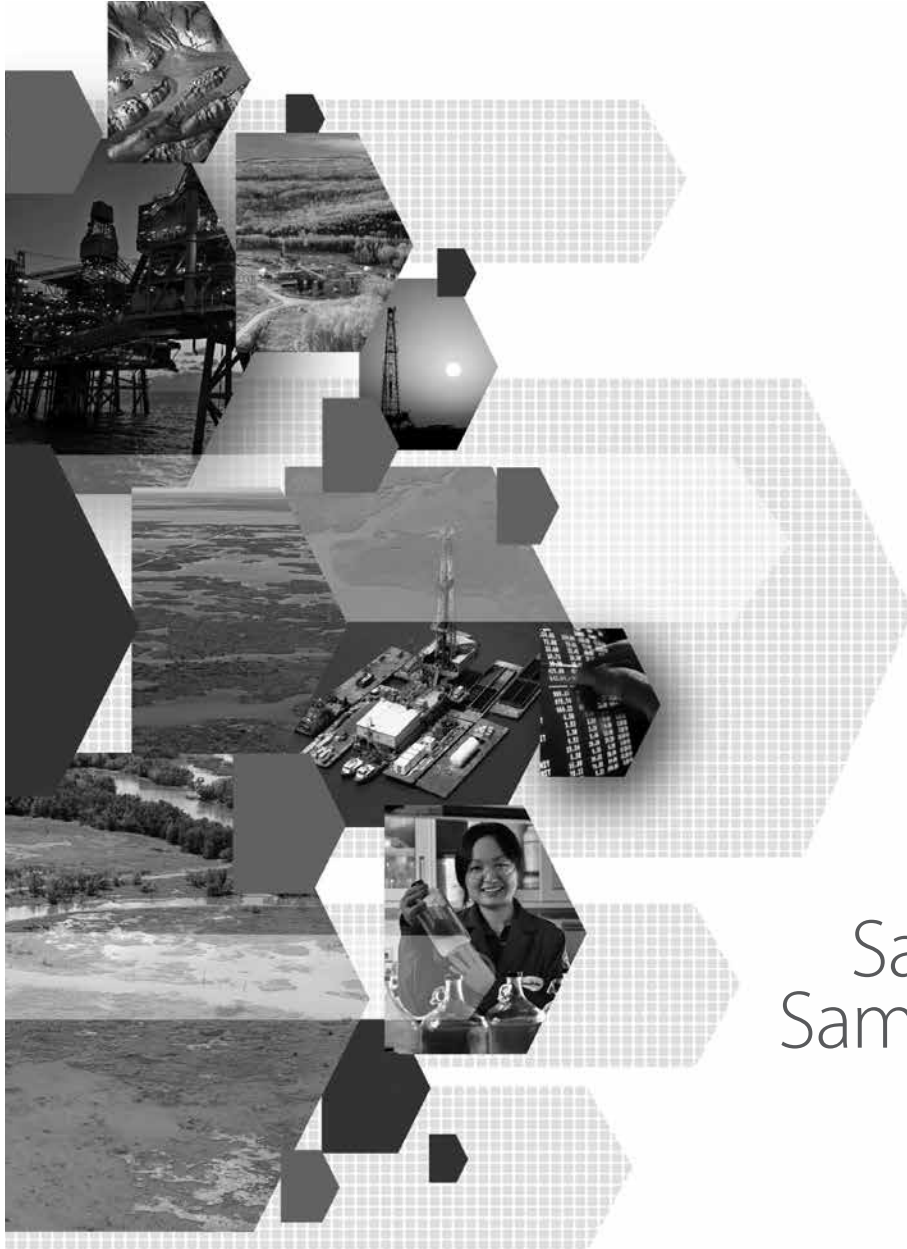
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