

7:30-8:00	Registration/Breakfast				
8:00-8:30	Welcome				
8:15-9:00	Intergenerational Panel				
9:00-9:15	Break to Sessions				
Time	Living Resources	Habitats	Oil Spill Impacts	Water Quality	Resilience
	Title/Presenter	Title/Presenter	Title/Presenter	Title/Presenter	Title/Presenter
9:15-9:30	Dietary Habits of <i>Gymnura lessa</i> Revealed Through DNA Meta-Barcoding of Stomach Contents - Matthew Jargowsky (S), Mississippi State University	Lessons Learned in Optimizing Restoration Design - Judy Haner, The Nature Conservancy	Oil Spill Science Outreach: Assimilating Emerging Science to Understand the Past While Preparing for the Future - Melissa Paryka, Auburn University/MS-AL Sea Grant Consortium	Silicon Sorption Capacities at the Sediment Water Interface of Coastal Systems - Rebecca Pickering (S), University of South Alabama/Dauphin Island Sea Lab	Impact of Tropical Cyclones Hamed Mofatkhari, University of Alabama
9:30-9:45	A Hierarchical Bayesian Surplus Production Model for Blue Crabs ( <i>Callinectes sapidus</i> ) in the Northern Gulf of Mexico - Megumi Oshima (S), University of Southern Mississippi	Design of a Long-Term Monitoring Program for a Living Shoreline Project in Hancock County, MS - Sarah Ballard, Anchor QEA LLC	Oyster Reef Diversity and Oyster Size Class Abundance in the Northern Gulf of Mexico (Terrebonne Bay, Louisiana to Apalachicola Bay, FL) after Deep Water Horizon (2015-2017) - Kelly Boyle, University of South Alabama/Dauphin Island Sea Lab	Don't Drink the Water! Impacts of wild pig disturbance on Water Quality in Low Order Streams of the southern Coastal Plain - Sara Bolts (S), Auburn University	Transforming Bulkheads and Eroding Sedimentary Shorelines into Healthy Living Shorelines - Jamie Amato (S), University of South Alabama/Dauphin Island Sea Lab
9:45-10:00	Spatial Distribution of Atlantic Sharpnose ( <i>Rhizoprionodon terraenovae</i> ) in the Northern Gulf of Mexico - Alex Benecke (S), University of Southern Mississippi	Rooney, HDR Engineering, Inc.	Alabama Coastal Bird Stewardship Program (ALCBSP) - Katie Barnes, Birmingham Audubon	Cellulose-Based Material for Removal of Microcystin from Contaminated Water Sources - Diego Gomez-Maldonado (S), Auburn University	Application of Geotextile Tubes in Coastal Environments - Cody Colvin, Industrial Fabrics
10:00-10:15	Black Mangrove Expansion into Texas Salt Marshes - Meredith Diskin (S), University of South Alabama/Dauphin Island Sea Lab	Salt Aire - Design & Construction of a Shoreline Restoration and Protection Project on Mobile Bay - Ryan Waldron, Neel Schaffer	Building Bridges to Better Understand Fishing Communities Cooperative Research Project - Thao Vu, Mississippi Coalition for Fisher Folks and Families	An Interactive Gulf-Based Water Quality Visualization Tool for the Gulf of Mexico - Wondimagegn Beshah (S), Mississippi State University	Return on Investment from Wind Hazard Mitigation - Shea Gould (S), Mississippi State University
10:15-10:30	Stable Isotope Diet Patterns of Red Snapper ( <i>Lutjanus campechanus</i> ) in Mississippi Waters - Caitlin Slife (S), University of Southern Mississippi	Thompson Engineering	Recommendations for Integrating Outreach and Research: Perspectives from the Gulf of Mexico Research Initiative - Tina Miller-Way, Dauphin Island Sea Lab	A Novel Entry Pathway for Domoic Acid into the Marine Food Web - Israel Marquez (S), University of South Alabama/Dauphin Island Sea Lab	Three Communities, Three States, Three Paths to Enhancing Resilience - Jody Thompson, Auburn University/MS-AL Sea Grant Consortium
Break					
11:00-11:15	Environmental Drivers of Histamine-Producing Bacteria in Water Sample and Decomposing Spanish Mackerel Tissues - Ashley Frith (S), University of South Alabama	Design Considerations for Enhancing Nutrient Removal in Restored Marshes - Just Cebrian, University of South Alabama, Dauphin Island Sea Lab	The Influence of Salinity on the Toxicity of Corexit at Multiple Life Stages of the Gulf Killifish - Charles Brown, Louisiana State University	Addressing Marine Debris Through Field Work and Extension	Benefit-Cost Analysis of Using Offshore Vs. Nearshore Sand for Coastal Restoration - Daniel Petrolia, Mississippi State University
11:15-11:30	Estimates of Red Drum ( <i>Sciaenops ocellatus</i> ) Movement and Mortality Via Acoustic Telemetry - T. Reid Nelson (S), University of South Alabama/Dauphin Island Sea Lab	Designing Living Shorelines: Testing Assumptions: Site-Specific Considerations for Boat Wake and Wind-Driven Waves - Nigel Temple (S), Mississippi State University	Dauphin Island Citizen Science Program: Assessing Shoreline Change and Background Oiling Data for Oil Spill Response and Planning - Carrie Miller, University of New Orleans	Northern Gulf - Caitlin Wessel, NOAA Marine Debris Program	Changes in Carb Zoaeal Composition and Timing in a Southeastern Estuary 1882-2017: Responses to Climate Change and Seasonal Variability - Benjamin Belgrad, Dauphin Island Sea Lab
11:30-11:45	Potential Shifts in Nutrient Filtration With Encroachment of Black Mangrove ( <i>Avicennia germinans</i> ) - Aaron Macy (S), Dauphin Island Sea Lab	Optimal Portfolio Design to Manage Oyster Resources - Frederick Nyanzu (S), Mississippi State University	Intergenerational Effects of Crude Oil Exposure on Early Life Growth and Development in the Gulf Killifish - <i>Fundulus grandis</i> - Chelsea Hess (S), Louisiana State University	University/MS-AL Sea Grant Consortium	Katy Prairie Stream Restoration: An Illustrative Use of Resilient Ecosystems - Stephanie Coffman, Stantec Consulting Services, Inc.
11:45-12:00	Temperature Effects on Life History Parameters of Two Copepods Cultured as Live Feeds - Adam Daw (S), University of Southern Mississippi	Assessing Ecosystem Services Supply for Restoration Scenarios - Rich Fulford U.S. EPA Gulf of Mexico Program	What's New at NOAA's National Centers for Environmental Information - Kirsten Larsen, NOAA National Centers for Environmental Education	Microplastic Abundance and Ingestion Frequency by Juvenile Fishes Associated with <i>Sargassum</i> - Olivia Lestrade (S), University of Southern Mississippi	Sand Deposition on Deer Island, Biloxi - Anna Linhoss, Mississippi State University
Lunch					
Keynote Speaker - Eli Murphy					
Break to Sessions					
1:30-1:45	Toxic Element Concentrations in Muscle Tissue of Atlantic Tripletail ( <i>Lobotes surinamensis</i> ) in the Northern Gulf of Mexico - Garrett Dunne (S), Mississippi State University	Getting Projects Shovel Ready (The Good, The Bad, and The Ugly) - Mary Kate Brown, The Nature Conservancy	Outreach/Education Presentations	Temporal and Spatial distributions of three trace elements (Ba, Cs, Mn and V) in Mississippi Coastal Waters: Influence of hypoxia, submarine groundwater, and episodic events in a river-dominated system - Peng Ho (S), University of Southern Mississippi	A Vision for Sustainable Restoration of Salt Marsh in an Age of Rising Seas - David Vance, Geosyntec Consultants, Inc.
2:00-2:15	Delineating isoscapes of selected fish species in the Northern Gulf of Mexico - Branden Kohler (S), University of Southern Mississippi	Project - Wendell Mears, Anchor QEA LLC	Graham Creek Preserve: Balancing Nature and Recreation - Leslie Gahagan, City of Foley	Re-Occurring Patterns of Stratification and Hypoxia in Chandeleur and Breton Sounds - John Lopez, Lake Pontchartrain Basin Foundation	Peer to Pier Learning Program - Rusty Grice, Auburn University/MS-AL Sea Grant Consortium
2:15-2:30	Early Recruitment of <i>Crassostrea virginica</i> to Restored and Historic Oyster Reefs in Western Mississippi Sound - Leah Morgan (S), University of Southern Mississippi	Lessons Learned in the Post-Design Phase from a Living Shoreline at Lightning Point, Bayou La Batre, AL - Mindy Joiner, Moffatt & Nichol	Strategic Watershed Awareness and Monitoring Program (SWAMP): Empowering Citizen Scientists - Ilka Porter, Mobile Baykeeper	Submarine Groundwater Discharge and Hypoxia in Mississippi Coastal Waters - Alan Shiller, University of Southern Mississippi	GCRL's Marine Education Program - Chris Synder, University of Southern Mississippi Marine Education Center
2:30-2:45	Eastern Oyster ( <i>Crassostrea virginica</i> ) Settlement and Population Connectivity in a Freshwater-Dominated Estuary - Haley Gancel (S), University of South Alabama	Protection and Restoration - Barry Vittor, Barry A. Vittor & Associates, Inc.	Dreams Do Come True??? Partnering with State Agencies to Provide Environmental Education to Schools - Ashley Campbell, City of Daphne	ADEM Water Quality Monitoring Programs: Current Status - Fred Leslie, Alabama Department of Environmental Management	Forming and Sustaining the Alabama Oyster Shell Recycling Program - Mark Berte, Alabama Coastal Foundation
2:45-3:00	Florida Manatee ( <i>Trichechus manatus latirostris</i> ) Diet in Northcentral Gulf of Mexico - Kayla DaCosta (S), University of South Alabama/Dauphin Island Sea Lab	Permitting Challenges - Mon Louis Island Restoration - Scott Jackson, Thompson Engineering	Sea Grass Monitoring in Pensacola Bay System: Citizens and the University of West Florida - Jane M. Caffrey, University of West Florida Center for Environmental Diagnostics and Bioremediation	Biogeochemical Evaluation of Dissolved Organic Matter and Trace Elements Over an Oyster Bed in Western Mississippi Sound Using Multivariate Statistics - Sankar Manalikkada Sasidharan (S), Mississippi State University	Cultivating Future Coastal Environmental Educators Through Internships - Chris Flight, Dauphin Island Sea Lab Discovery Hall Programs
Break					
3:00-3:30	Tracking Tarpon Across the Northern Gulf of Mexico: A Citizen Science Success - Marcus Drymon, Mississippi State University	Vegetative Community and Health Assessment of a Constructed <i>Juncus</i> -dominated Salt Marsh in the Northern Gulf of Mexico - Nickolas Murphy (S), University of Southern Mississippi/Gulf Coast Research Lab	Evaluation of the Swift Tract Living Shoreline Project To Plant or Not to Plant Along Breakwater-Protected Shorelines in a High Energy Environment - Sara Martin, Mississippi State University	Making Watersheds Great Again - Christian Miller, Mobile Bay National Estuary Program	Increasing Capacity for Local Communities to Respond to Climate Change - Tracie Sempier, Gulf of Mexico Alliance/MS-AL Sea Grant Consortium
3:45-4:00	Optimizing eDNA Analysis Methods for Molecular Detection of Bull Sharks ( <i>Carcharhinus leucas</i> ) in the Mobile-Tensaw River Delta and Mobile Bay Environments - Katherine Schweiss (S), University of Southern Mississippi	Hardware and Software Components of an Oyster's Gape Measurement System - Austin Ukepor (S), Jackson State University	Oysters - Jacob Blandford, The Nature Conservancy	Development of a Fecal Coliform Bacteria Loading Model for Fowl River Bay - David Tomasko, Environmental Science Associates (ESA)	Quantifying Vegetation and Soil Dynamics of Selected Coastal Habitat Types Within the Grand Bay NERR - Michael Archer, Grand Bay National Estuarine Research Reserve
4:00-4:15	Genomic assessment of population structure in sheephead, <i>Archosargus probatocephalus</i> - Pearce Cooper (S), University of South Alabama/Dauphin Island Sea Lab	Effects of burrow and tube construction by infauna on sound propagation through marine sediments - Kelly Dorgan, Dauphin Island Sea Lab	Determine the Impact of Large-Scale Breakwaters on Fringing Marsh Vegetation - Gillian Palino (S), Mississippi State University	Weeks Bay Watershed Management Plan - Casey Fulford, Baldwin County Soil and Water Conservation District	Obtaining, Understanding, and Using Stakeholder Feedback - Mikaela Heming, Northern Gulf of Mexico Sentinel Site Cooperative
4:15-4:30	Evaluating Trophic Diversity in a Northcentral Branch of Mexico Elasmobranch Assemblage - Emily Seubert (S), Mississippi State University	Sawfish CSI: Using Environmental DNA to Search for the Critically-Endangered Smalltooth Sawfish in Mississippi Waters - Ryan Lehman (S), University of Southern Mississippi	From End Users - Eric Sparks, Mississippi State University/MS-AL Sea Grant Consortium	Transforming Three Mile Creek through Watershed Management Plan Implementation: An Invasive Species Control Plan - Tom Herder, Mobile Bay National Estuary Program	Economic Benefits of the Restoration of D'Olive Watershed - Wade Burcham, Geosyntec Consultants, Inc.
4:30-4:45	Influence of Freshwater Influx on Diet and Body Condition of Bottlenose Dolphin, <i>Tursiops truncatus</i> , in Mobile Bay, Alabama - Matthew Hodanbosi (S), University of South Alabama/Dauphin Island Sea Lab	Food Web Dynamics and Trophic Interactions Associated with Pelagic Sargassum Features in the Gulf of Mexico - Zabe Premo (S), University of Southern Mississippi	Do We Know What We Don't Know About Living Shorelines? Perspectives	Monitoring: The Key to Measuring Watershed Management Response - Marlon Cook, Cook Hydrogeology LLC	A Holistic Assessment of Resilience to Climate Change Hazards Along the Mississippi and Alabama Gulf Coast, USA - Chris Burton, Auburn University Department of Geosciences
Break to Reception					
Reception and Poster Session					
Day Two: Thursday, November 29, 2018					
Registration/Breakfast					
TBD					
Keynote Speaker - John Englander					
Break to Sessions					
Time	Living Resources	Habitats	Oil Spill Impacts	Water Quality	Resilience
	Title/Presenter	Title/Presenter	Title/Presenter	Title/Presenter	Title/Presenter
9:30-9:45	Assessing the Status of Diamondback Terrapins ( <i>Malaclemys terrapin</i> ) in Northwest Florida - Rick O'Connor, Florida Sea Grant	Is Marsh Surface Tracking Sea Level Change? Developing Tools and Visualizations for SET Data - Kim Cressman, Grand Bay National Estuarine Research Reserve	Outreach/Education Presentations	Monitoring Status and Trends of Estuarine Habitats and Water Quality Using Remote Sensing Assets - Don Blancher, Moffatt & Nichol	Stabilization Alternatives - Another Choice to Continue - Wade Burcham, Geosyntec Consultants, Inc.
9:45-10:00	Bivalves at Work - Jessica Lunt, Dauphin Island Sea Lab	Developing a Living Shoreline Database and Gap Analysis for Gulf of Mexico - Saranee Datta, University of Southern Mississippi/Gulf Coast Research Lab	Citizens, Oysters, and Changing the Culture Through POP (Pensacola Oyster Project) - Barbara Albrecht, Panhandle Watershed Alliance	Our Wastewater Footprint: An Example of Adaptive Research and User-Driven Product Development - Ruth Carmichael, University of South Alabama/Dauphin Island Sea Lab	Ten Things That Need To Be Considered in Ecological Planning and Design - Christopher Grant, Watermark Design Group
10:00-10:15	The Effects of Lipid Extraction on Delta 13C and Delta 15N Ratios Across Taxa, Tissues, and Trophic Groups - Carl Cloyd, Dauphin Island Sea Lab	"Pay Me Now or Pay Me Later:" Employing LID and GI to Avoid Future Restoration - Paul Lammers, Mobile Bay National Estuary Program	African Connections Blawiey: Healing Begins by Reclaiming Our Heritage & Happiness - Liz Smith-Incer, National Park Service Rivers, Trails & Conservation Assistance Program	Threats to Groundwater, Surface Water, and Dam Stability at a Coastal Coal Ash Impoundment - Cade Kistler, Mobile Baykeeper	The Northern Gulf of Mexico Sentinel Site Cooperative: Connecting Research, Service, and Decision-Makers - Renee Collini, Northern Gulf of Mexico Sentinel Site Cooperative
10:15-10:30	X Marks the Spot: Case Studies of Stranded Bottlenose Dolphins ( <i>Tursiops truncatus</i> ) Along the Alabama coast - Merri Collins, Dauphin Island Sea Lab/AL Marine Mammal Stranding Network	Effects of Residential Land Use on Fish Communities and Tidal Creek Habitats of Alabama and West Florida - Christopher Anderson, Auburn University	A 21-Year Evolution of Environmental Advocacy in Coastal Alabama - Casi Callaway, Mobile Baykeeper	Update on Coastal Alabama Volunteer Water Quality Monitoring - Jason Kudulis, Mobile Bay National Estuary Program	Mississippi Coastal Map Revision Project Update - Kristyn Gunter, Southern Mississippi Planning & Development District
Break					
11:00-11:15	Has Eutrophication Altered the Flow of Primary Production in the Fertile Fisheries Crescent? - Jeffrey Krause, University of South Alabama/Dauphin Island Sea Lab	Dune Restoration and Enhancement for the Florida Panhandle Manual - Christine Verlinde, University of Florida/Institute of Food and Agricultural Sciences/EL Sea Grant	Promoting Nature-Based Tourism in Mississippi - Melissa Pringle, Allen Engineering and Science, Inc.	Advanced Hydrologic and Hydraulic Modeling Technologies - John Curry, Hydro LLC	Partnership Builds Wind and Flood Resilience Through Outreach - Hank Hodde, Smart Home America
11:15-11:30	Response of Alabama Marine and Estuarine Fishes to Artificial Reef Addition and Enhancement - Mark Albins, University of South Alabama/Dauphin Island Sea Lab	Sustainability of Oyster Reef Habitat in Mississippi Sound: A Larval Transport Approach - Kemal Cambazoglu, University of Southern Mississippi	Resilience to future Flooding in the Gulf of Mexico - Mikaela Heming, Northern Gulf of Mexico Sentinel Site Cooperative	Status of Small Stream Litter Collection Devices in Mobile and Baldwin Counties, AL - Don Bates, Thompson Engineering, and Jason Kudulis, Mobile Bay National Estuary Program	Using Local Salinity to Tell the Living Shorelines Story: A Case Study From the City of Biloxi - Stephen Deal, MS-AL Sea Grant Legal Program
11:30-11:45	Economic Recovery Paths of the Mississippi Oyster Fishery - Benedict Posadas, Mississippi State University/Coastal Research and Extension Center	Regional Genetic Diversity in <i>Spartina</i> and <i>Juncus</i> with Implications for Future Salt Marsh Restoration Success - Patrick Biber, University of Southern Mississippi	Connecting Water Quality Parameters and EJ Screen Values in Mobile County, AL - Ellie Mellon and Diego Calderon-Arrieta, Mobile Baykeeper	Source Control Through Implementation of a Municipal Green Infrastructure Program - Byron Hinchey, SRME Inc.	A Paleoclimate Perspective on Water Policy in the Southeast - Matthew Therrell, University of Alabama
11:45-12:00	Response of Songbirds to Hurricanes During Autumn Migration - Frank Moore, University of Southern Mississippi	Restoration and Education Through Oyster Gardening - Emma Cochran, Auburn University/MS-AL Sea Grant Consortium	Embrace the Gulf-A Yearlong Campaign for the Gulf of Mexico - Lee Yokel, Dauphin Island Sea Lab/Gulf of Mexico Alliance	Aging Infrastructure and How to Keep Water Working - Charles Hyland - Mobile Area Water and Sewer System	Local Sea-Level Rise Two-Pager: Access, How-To, and Application - Renee Collini, Northern Gulf of Mexico Sentinel Site Cooperative
Lunch					
Mike deGruy Student Awards Presentation					
Break to Sessions					
1:45-2:00	Supporting Science and Restoration Through the Mississippi-Based RESTORE Act Center of Excellence (MBRACE) - Kelly Darnell, University of Southern Mississippi	Cross-Disciplinary Integrated Assessment of Marsh Health and Land Spit Resilience in Fowl River, AL	The Future of NOAA and Water Information	Coastal Explorer: Getting the Community Involved In Coastal Education - Danielle Bailey, University of Southern Mississippi	Predicting the Impact of Sea-Level Rise on Coastal Wetlands: Implication for Coastal Wetland Restoration - Wei Wu, University of Southern Mississippi
2:00-2:15	Stakeholder Engagement: A Critical Component of the Great Red Snapper Count - Amanda Jefferson, MS-AL Sea Grant Consortium/Mississippi State University	Characterization of Marsh Spit Hydrographic Variability in Relation to Marsh Vegetation Type - John Lehrter, University of South Alabama/Dauphin Island Sea Lab	The National Water Model: Transforming Water Modeling - Karen Bareford, University of Alabama/MS-AL Sea Grant Consortium	How to Move Toward a Letter-Free Mardi Gras: Assessment, Removal, Awareness, and Prevention - Laura Jackson, Mobile Baykeeper	U.S. EPA Gulf of Mexico Program Funding - Amy Newbold, U.S. EPA Gulf of Mexico Program
2:15-2:30	Infestation of Farmed Oysters ( <i>Crassostrea virginica</i> ) by Mudblisters ( <i>Polydora websteri</i> ) - Sarah Cole, University of South Alabama/Dauphin Island Sea Lab	Recent Geologic History of Fowl River Marsh Spits Revealed Through Piston Core Geochronological and Sedimentological Analysis - Alex Beebe, University of South Alabama	Adapting Stormwater Management for Coastal Floods - Brenna Sweetman, The Baldwin Group/NOAA Office of Coastal Management	Public Opinion on a Gulf Coast Beach Conditions Reporting System - Daniel Petrolia, Mississippi State University	Conserving Coastal Alabama - Walter Ernest, Pelican Coast Conservancy
2:30-2:45	An Assessment of Southern Flounder in Alabama Coastal Waters - Sean Powers, University of South Alabama/Dauphin Island Sea Lab	Magnitude and Fate of Sediment Loading in the Fowl River Estuary - Marlon Cook, Cook Hydrogeology LLC	Karen Bareford, University of Alabama/MS-AL Sea Grant Consortium	Magnolia Bayou Watershed Education: Taking STEM to STEAM - Kelsey Johnson, Gulf Coast Community Design Studio, Mississippi State University	Get to Know the Alabama Coastal Heritage Trust - Hank Cadell, Alabama Coastal Heritage Trust
2:45-3:00	Assessing the Current Status of Adult Red Drum ( <i>Sciaenops ocellatus</i> ) in the Northern Gulf of Mexico - Crystal Hightower, University of South Alabama/Dauphin Island Sea Lab	Salinity Dynamics in Fowl River and Their Potential Impact on Marsh Health - Brian Dzonkowski, University of South Alabama/Dauphin Island Sea Lab			
Break					
Panel - The Next Wave: Future Trends in Environmental Data Collection, Synthesis, and Analysis					