

GOMCON 2024 Concurrent Session Schedule Updated: 7/14/2024

Tuesday, February 20, 2024

Time	RM #114	RM #115	RM #116	RM #117	RM #118	RM #119	RM #120	RM #121	RM #122	RM #123	RM #124	RM #125
7:30-9am	Rise and Shine Poster Session Ballroom A & B											
9-10am	Plenary Ballroom C & D											
Break												
10:30am-12pm	32. Advances in satellite imagery as a synergistic tool for scientific research and policy-making in coastal habitats	7. Advancing science communication and inspiring community action through art-science collaborations	22. Challenges of Identifying and Managing for the Effects of Tropicalization on Gulf Coastal Natural Resources	25. The Present and Future of Ocean and Coastal Mapping Infrastructure in the Gulf of Mexico	31. Understanding community assemblages in tidal flats within the Gulf of Mexico	19. Coastal Community Resilience	12. Ecosystem health assessments: indicators, approaches, and examples linking science to action	33. Deepwater Horizon Science Coordination: Restoration, Co-Production, and Synthesis (Lightning Talks)	18. Prevention and Removal of Marine Debris		23. Extreme heat: Working together to equitably plan for and adapt to heat and related health impacts	3. Understanding the linkages between watersheds and estuaries for better resource planning
Lunch												
1:30-3pm	32. Advances in satellite imagery as a synergistic tool for scientific research and policy-making in coastal habitats	7. Advancing science communication and inspiring community action through art-science collaborations	16. Quantifying and Reporting the Human Benefits of Nature	25. The Present and Future of Ocean and Coastal Mapping Infrastructure in the Gulf of Mexico	9. Practical Implementation of Regional Sediment Management and Methodologies to Reevaluate Coastal Sediment Sources	19. Coastal Community Resilience	12. Ecosystem health assessments: indicators, approaches, and examples linking science to action	33. Deepwater Horizon Science Coordination: Restoration, Co-Production, and Synthesis	18. Prevention and Removal of Marine Debris	17. Coastal Carbon Uncertainties and Opportunities	15. One Health/One Water: Emerging Pathogens, Innovative Technologies, and Economics	3. Understanding the linkages between watersheds and estuaries for better resource planning
Break												
3:30-5pm	WF1. Wildlife and Fisheries Team Meeting	7. Advancing science communication and inspiring community action through art-science collaborations	16. Quantifying and Reporting the Human Benefits of Nature	25. The Present and Future of Ocean and Coastal Mapping Infrastructure in the Gulf of Mexico	9. Practical Implementation of Regional Sediment Management and Methodologies to Reevaluate Coastal Sediment Sources	19. Coastal Community Resilience	12. Ecosystem health assessments: indicators, approaches, and examples linking science to action	33. Deepwater Horizon Science Coordination: Restoration, Co-Production, and Synthesis	EE1. Education and Engagement Team Meeting	17. Coastal Carbon Uncertainties and Opportunities	WR1. Water Resources Team Meeting	3. Understanding the linkages between watersheds and estuaries for better resource planning

Wednesday, February 21, 2024

Time	RM #114	RM #115	RM #116	RM #117	RM #118	RM #119	RM #120	RM #121	RM #122	RM #123	RM #124	RM #125
7:30-9am	Rise and Shine Poster Session Ballroom A & B											
9-10am	Plenary Ballroom C & D											
Break												
10:30am-12pm	1. Creating and Maintaining Strong Partnerships: Best Practices, Tools, Methods, and Project Funding	11. Coastal Bird Science Co-production: Management, Rehabilitation, and Resilience of Waterbird Rookery Islands and Beach Nesting Birds	26. Pursuing Coordinated Coastal Planning and Broad Scale Implementation of Solutions in the Northern Gulf of Mexico	4. Building Science into Offshore Wind Energy Planning in the Gulf of Mexico	8. Reaching Audiences Where They Are with the Messages They Need	19. Coastal Community Resilience	21. Gulf of Mexico Oxygen Depletion (Hypoxia): Watershed and Coastal Mitigation and Monitoring Efforts Toward a Healthier Gulf	27. Oyster Science, Restoration, Management, and Community Engagement Leading to Resilience	24. Mitigating Harmful Algal Blooms in the Gulf of Mexico: Building Resilience through Enhanced Detection, Control, Remediation, and Better Communication	13. Wildlife, Fisheries, and Protected Species: Meeting Conservation and Restoration Challenges	34. Water quality in the Gulf of Mexico and its estuaries: status and trends, data needs and cross-system syntheses	10. Preparing the Next Generation to Solve Wicked Problems: Approaches, Programs, and Initiatives in Education and Community Engagement
Lunch												
1:30-3pm	1. Creating and Maintaining Strong Partnerships: Best Practices, Tools, Methods, and Project Funding	11. Coastal Bird Science Co-production: Management, Rehabilitation, and Resilience of Waterbird Rookery Islands and Beach Nesting Birds	26. Pursuing Coordinated Coastal Planning and Broad Scale Implementation of Solutions in the Northern Gulf of Mexico	4. Building Science into Offshore Wind Energy Planning in the Gulf of Mexico	8. Reaching Audiences Where They Are with the Messages They Need	19. Coastal Community Resilience	20. Data Management and Sharing Strategies: How data can lead the way in navigating multi-use coordination in an increasingly dynamic Gulf of Mexico	27. Oyster Science, Restoration, Management, and Community Engagement Leading to Resilience	24. Mitigating Harmful Algal Blooms in the Gulf of Mexico: Building Resilience through Enhanced Detection, Control, Remediation, and Better Communication	13. Wildlife, Fisheries, and Protected Species: Meeting Conservation and Restoration Challenges	34. Water quality in the Gulf of Mexico and its estuaries: status and trends, data needs and cross-system syntheses	10. Preparing the Next Generation to Solve Wicked Problems: Approaches, Programs, and Initiatives in Education and Community Engagement
Break												
3:30-5pm	6. Tribal engagement, communication, and partnerships in support of community decision-making in the Gulf of Mexico region	11. Coastal Bird Science Co-production: Management, Rehabilitation, and Resilience of Waterbird Rookery Islands and Beach Nesting Birds	26. Pursuing Coordinated Coastal Planning and Broad Scale Implementation of Solutions in the Northern Gulf of Mexico	4. Building Science into Offshore Wind Energy Planning in the Gulf of Mexico	8. Reaching Audiences Where They Are with the Messages They Need	19. Coastal Community Resilience	20. Data Management and Sharing Strategies: How data can lead the way in navigating multi-use coordination in an increasingly dynamic Gulf of Mexico	27. Oyster Science, Restoration, Management, and Community Engagement Leading to Resilience	EE2. Education and Engagement Team Meeting	13. Wildlife, Fisheries, and Protected Species: Meeting Conservation and Restoration Challenges	WR2. Water Resources Team Meeting	10. Preparing the Next Generation to Solve Wicked Problems: Approaches, Programs, and Initiatives in Education and Community Engagement

Thursday, February 22, 2024

Time	RM #114	RM #115	RM #116	RM #117	RM #118	RM #119	RM #120	RM #121	RM #122	RM #123	RM #124	RM #125
7:30-9am	Rise and Shine Poster Session Ballroom A & B											
9-10am					2. Oil in the Gulf: understanding current oil spill science and the legacy of oil and gas infrastructure in the Gulf of Mexico	19. Coastal Community Resilience			30. Status of Corals in the Gulf and Caribbean Region	13. Wildlife, Fisheries, and Protected Species: Meeting Conservation and Restoration Challenges		10. Preparing the Next Generation to Solve Wicked Problems: Approaches, Programs, and Initiatives in Education and Community Engagement
Break												
10:30am-12pm				29. The pelagic Gulf of Mexico: its biodiversity, ecology, drivers, and management	2. Oil in the Gulf: understanding current oil spill science and the legacy of oil and gas infrastructure in the Gulf of Mexico	19. Coastal Community Resilience	20. Data Management and Sharing Strategies: How data can lead the way in navigating multi-use coordination in an increasingly dynamic Gulf of Mexico.		30. Status of Corals in the Gulf and Caribbean Region	13. Wildlife, Fisheries, and Protected Species: Meeting Conservation and Restoration Challenges		10. Preparing the Next Generation to Solve Wicked Problems: Approaches, Programs, and Initiatives in Education and Community Engagement
Lunch												
1:30-3pm	14. Emerging Chemical Pollution Threats to Wildlife and People in Gulf of Mexico Region			29. The pelagic Gulf of Mexico: its biodiversity, ecology, drivers, and management	2. Oil in the Gulf: understanding current oil spill science and the legacy of oil and gas infrastructure in the Gulf of Mexico	CR1. Coastal Community Resilience Team Meeting	DM1. Data and Monitoring Team Meeting	HR1. Habitat Resources Team Meeting	EE3. Education and Engagement Team Meeting	WF3. Wildlife and Fisheries Team Meeting	WR3. Water Resources Team Meeting	
Break												
3:30-5pm	14. Emerging Chemical Pollution Threats to Wildlife and People in Gulf of Mexico Region			29. The pelagic Gulf of Mexico: its biodiversity, ecology, drivers, and management			DM2. Data and Monitoring Team Meeting	HR2. Habitat Resources Team Meeting	EE4. Education and Engagement Team Meeting	WF4. Wildlife and Fisheries Team Meeting	WR4. Water Resources Team Meeting	

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday, February 21, 2024	1. Creating and Maintaining Strong Partnerships: Best Practices, Tools, Methods, and Project Funding	114

Session #	Start TIME	Abstract.Title	First Name	Last Name
1.1	10:30	Partnership Best Practices: Danielle Dilullo, Louisiana Sea Grant; Kimberly Cooke, Pontchartrain Conservancy; TBD	Kimberly	Cooke
	11:00	Developing Strong Proposals for Collaborative Science	Hannah	Brown
	11:15	The Mangrove Coast Collaborative: Harnessing co-production to address mangrove ecosystem resilience following hurricane disturbance	M.	Figueroa
	11:30	Land Acquisition for Conservation and Management: Leveraging Community Partnerships in Response to Rising Costs and Competition	S.	Horton
	11:45	South Siesta Key Beach Repair; The Strength of Effective Communication	R.	Neal
	12:00	A Tri-National Initiative to Advance Understanding of Ocean and Coastal Acidification in the Gulf of Mexico	J.	Vreeland
1.2	1:30	Identifying Opportunities for Partnerships in the Gulf Coast Region: An Action-Focused Workshop for Organizations, Funders, and Stakeholders to Begin the Partnering Process	Kimberly	Cooke

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday, February 22, 2024	2. Oil in the Gulf: understanding current oil spill science and the legacy of oil and gas infrastructure in the Gulf of Mexico	118

Session	Time	Abstract.Title	First Name	Last Name
		Opening remarks	Chuck	Wilson
2.1	9:00	Orphan Wells in Louisiana	Gregory	Upton
	9:30	Tracing the Flow of Oil and Gas: A Spatial and Temporal Analysis of Environmental Justice in Coastal Louisiana from 1980 to 2010	Scott	Hemmerling
	9:45	An Overview of the Current Challenges and Opportunities Posed by Legacy Offshore Oil and Gas Infrastructure in the Gulf of Mexico	Jennifer	Summers
2.2	10:30	Anthropocentric Methane Leaks in the Offshore and Coastal Gulf of Mexico	Brian	Snyder
	10:45	Weighing the Environmental, Social, and Safety Risks and Benefits of Decommissioning Options	Joseph	Nicolette
	11:00	GoM Decommissioning Update: What We Are Doing Well and What We Can Do Better	Drew	Hunger
	11:15	The "Ocean Sprawl" of Artificial Reefs in the Northern Gulf of Mexico	Anja	Schulze
	11:30	Impacts and Recovery of Marine Life from Deepwater Horizon - 14 Years On - The Good, the Bad and Some Ugly	Steve	Murawski
	11:45	Assessment of ocean surface dynamics in and around Galveston Bay using Unmanned Aerial Systems for marine oil spill management	Vivek	Bheeroo

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday, February 22, 2024	2. Oil in the Gulf: understanding current oil spill science and the legacy of oil and gas infrastructure in the Gulf of Mexico	118

Session	Time	Abstract.Title	First Name	Last Name
2.3	1:30	Reynolds-averaged Navier-Stokes Simulation of Nearshore Langmuir Circulation and the Formation of Oil- Particle Aggregates	Juan	Penaloza Gutierrez
	1:45	Oil Spills and Pelagic Sargassum: Planning and Response Considerations	Jennifer	Weaver
	2:00	Heavily Oiled Marsh Resilience Following Intensive Shoreline Cleanup	Scott	Zengel
	2:15	Decreased Cordgrass Metabolic Capacity May Contribute to Widespread Salt Marsh Loss Following Oil Spills	Charles	Schutte
	2:30	Closing Remarks	Jenn	Summers

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Tuesday	3. Understanding the linkages	125
February	between watersheds and estuaries	
20, 2024	for better resource planning	

Session #	TIME	Abstract.Title	First Name	Last Name
3.1	10:30	Developing a Human-Natural Framework for Assessing, Forecasting, and Managing Watersheds for Coastal Resiliency	Christopher	Anderson
	10:45	Social valuation of forest ecosystem services on the Gulf Coast	Wayde	Morse
	11:00	Is Hurricane-Induced Land Use Change a Driver of Carbon Dynamics along the Gulf of Mexico? A Comprehensive Scenario Analysis for Perdido Bay Watershed in the Florida Panhandle	Puneet	Dwivedi
	11:15	Past and future freshwater flow, sediment, and nutrient loadings to the Perdido Bay under changing climate and land use	Latif	Kalin
	11:30	Impacts of Changing Coastal Watershed Land-use and Land-cover on Estuarine Salinity and Water Clarity in the Florida Panhandle	John	Lehrter
	11:45	Panel Discussion		

Date Session Title Room Number
Tuesday 3. Understanding the linkages
February between watersheds and estuaries
20, 2024 for better resource planning

Session #	TIME	Abstract.Title	First Name	Last Name
3.2	1:30	Moving Water to Restore Rivers Wetlands and Estuaries in Central and Southwest Florida	Nicole	Iadevaia
	1:45	Effects of Altered Habitat and Seagrass Loss on Fish Communities in Southwest Florida Tidal Creeks: Harbingers for Estuary-Wide Change?	Kelly	Chase
	2:00	Identifying harmful algal blooms in the Caloosahatchee canal (C43) and estuary in real time using the River Estuary and Coastal Observing Network (RECON)	Eric	Milbrandt
	2:15	Flow Characteristics and Salinity Patterns in Tidal Rivers Within the Northern Ten Thousand Islands, Southwest Florida	Amanda	Booth
	2:30	Ecological and economic impacts of land use and climate Assessing ecological and economic impacts of land use and climate change in the Suwannee River watershed and estuary	David	Chagaris
	2:45	Panel Discussion		

Date **Session Title** **Room Number**
Tuesday **3. Understanding the linkages** **125**
February **between watersheds and estuaries**
20, 2024 **for better resource planning**

Session #	TIME	Abstract.Title	First Name	Last Name
3.3	3:30	Transboundary Flows Facilitated by the Gulf Intracoastal Waterway System	Paul	Thurman
	3:45	Open		
	4:00	Mapping land use/land cover to inform watershed restoration efforts: Chesapeake Bay example	Peter	Claggett
	4:15	Multi-Objective Targeting for Conservation and Restoration: the Chesapeake Bay Experience	John	Wolf
	4:30	Lower Laguna Madre Hydrodynamic Characterization	Christopher	Fuller
	4:45	Panel Discussion		

Date **Session Title** **Room Number**
Wednesday, **4. Building Science into Offshore Wind** **117**
February 21, **Energy Planning in the Gulf of Mexico**
2024

Session #	Start Time	Abstract.Title	First Name	Last Name
4.1	10:30	INVITED TALK: A Collaborative Approach to Advancing Regional Science for Offshore Wind Development	Rick	Robins
	10:45	The Gulf of Mexico Coastal Ocean Observing System: Oceanographic Data and Models to Inform Renewable Energy Industry	Jorge	Brenner
	11:00	The Marine Mapping Tool: Increasing Access to Regional Ecological and Management Data to Help Inform Offshore Wind Use Decisions	Marta	Ribera
	11:15	Adapting BOEM-Funded Science to Offshore Wind Energy Planning in the Gulf of Mexico	Mariana	Steen
	11:30	An Integrated Ecosystem Assessment Approach to Offshore Wind in the Gulf of Mexico	Willem	Klajbor
	11:45	Using tracking data to inform offshore wind decision-making in the western North Atlantic	Evan	Adams

Date **Session Title** **Room Number**
Wednesday, **4. Building Science into Offshore Wind** **117**
February 21, **Energy Planning in the Gulf of Mexico**
2024

Session #	Start Time	Abstract.Title	First Name	Last Name
4.2	1:30	Assessing Offshore Wind Impacts: Project WOW and Other Efforts to Integrate Data Into Decision Making	Kate	Williams
	1:45	Emerging Technologies to Inform Offshore Wind Risk Assessment for Wildlife	Greg	Forcey
	2:00	Migratory Birds in the Northern Gulf of Mexico: An Overview and Considerations for Informing Offshore Wind Energy Developments	Randy	Wilson
	2:15	Trans-Gulf Migration: Understanding Spatiotemporal Patterns and Wind Energy Development	Theodore "T.J."	Zenzal
	2:30	NABat's Grid-Based Offshore Sampling Frames: standardized bat monitoring to meet data needs of offshore wind energy	Ben	Neece
	2:45	Offshore Bat Activity: What Do We Know and How Might That Translate to the Gulf of Mexico	Jeff	Clerc
4.3	3:30	Predicting Spatial Patterns of Connectivity and Recruitment in Reef Fish Associated with Marine Energy Structures	Nathan	Putnam
	3:45	INVITED TALK: Regional Wildlife Science Collaborative: Lessons for the Gulf of Mexico	Shayna	Steingard

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	6. Tribal engagement, communication, and partnerships in support of community decision- making in the Gulf of Mexico region	114

Session #	TIME	Abstract.Title	First Name	Last Name
6	3:30	Open		
	3:45	Building Relationships and Community Resilience with the Pointe-au-Chien Indian Tribe of Southeast Louisiana	Brian	LaMarre
	4:00	A Collaboration with the Poarch Band of Creek Indians to Improve Waterways and Meet Clean Water Goals through Capacity Building	Philip	Lee
	4:15	A Coastal Resilience Index for use with Indigenous communities in the Gulf of Mexico Region to support coastal hazards preparedness	Matthew	Bethel
	4:30	Forced Exodus of the Jean Charles Choctaw Nation	Heather	Stone
	4:45	Engaging Coastal Tribal Communities to Ensure Inclusion and Consultation in Community Decision Making	Clara	Pratte
	5:00	Panel discussion		

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Tuesday, February 20, 2024	7. Advancing science communication and inspiring community action through art- science collaborations	115

Session #	TIME	Abstract.Title	First Name	Last Name
7.1	10:30	Searching for Ghosts of the Gulf	Brandon Moderator	Ballengée
	10:45	The Integration of the Humanities and Arts with Sciences, Engineering, and Medicine in Higher Education	Ashley	Bear
	11:00	Mixed Collaborations Drive Innovation and Effectual Science	Ben	Dubanksy
	11:15	From Art Spectator to Nature Stewards: BioArt that practices Social Engagement	Henry G.	Sanchez
	11:30	Art and Science Collaborations: A Scientist's Experience	Samantha	Joye
	11:45	Panel Discussion		
7.2	1:30	The Underwater	Xavier Moderator	Cortada
	1:45	The Underwater	Adam	Roberti
	2:00	The Underwater	Jennifer	Jurado
	2:15	The Underwater	Francisco	De Caso y Basalo
	2:30	The Underwater	Ed	Talavera
	3:00	Panel Discussion		

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Tuesday, February 20, 2024	7. Advancing science communication and inspiring community action through art- science collaborations	115

Session #	TIME	Abstract.Title	First Name	Last Name
7.3	3:30	The Power of Art and Science in a Changing World	Deborah Moderator	Mitchell
	3:45	The Power of Art and Science in a Changing World	Dustin	Angell
	4:00	The Power of Art and Science in a Changing World	Ombretta	Agro Andruff
	4:15	The Power of Art and Science in a Changing World	Cammie	Hill-Prewitt
	4:30	Panel Discussion		
	4:45	Panel Discussion		

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	8. Reaching Audiences Where They Are with the Messages They Need	118

Session #	TIME	Abstract.Title	Last Name
8.1	10:30	Engaging Coastal Communities on Climate Change - Dear Tampa Bay	Moore
	11:00	Unconventional Science Communication to Reach the Unreachable	Tunnell
	11:15	The Humble Oyster: A Case Study in Advancing Environmental Awareness through Film (presentation)	Garraway
8.2	1:30	Return Em Right: An Angling Project to Reduce Barotrauma in Reef Fish of the Gulf of Mexico Using Behavior-Centered Design	Reinhardt
	1:45	Evaluating Behavior Change to Achieve Return 'Em Right's Restoration Goals	Goss
	2:00	The Return 'Em Right program integrates social science approaches to evaluate the effectiveness of messaging to promote best release practices in the Gulf of Mexico	Montes
	2:15	From 0 to 26,032: Building a Conservation Program from Scratch	Coulson/Haddad
	2:30	Connecting Audiences With Restoration Efforts for Mesophotic and Deep Benthic Communities	Francis
	2:45	Media and Other Outreach Efforts to Help Demers Educate Southwest Floridians About Problems and Issues Facing our Gulf of Mexico	

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	8. Reaching Audiences Where They Are with the Messages They Need	118

Session #	TIME	Abstract.Title	Last Name
8.3	3:30	Educating Through Technology: Influencing Decision Makers and the Public on Water Quality	Byron
	3:45	Science Communication at its best: Linking scientists, videographers and citizen volunteers	Kirkpatrick
	4:00	Environmental Justice in NWS Services to Reduce the Vulnerability of Underserved Communities	Rokoei
	4:15	Pop-Ins: Bringing Sea-Level Resilience Education to the Community in Unexpected Places	Griffey
	4:30	Coastal Acidification Network Community Feedback Project Results from the US Southeast and the Gulf of Mexico Regions	Hall

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Tuesday February 20, 2024	9. Practical Implementation of Regional Sediment Management and Methodologies to Reevaluate Coastal Sediment Sources	118

Session #	TIME	Abstract.Title	First Name	Last Name
9.1	1:30	Regional Sediment Management in Practice: the Louisiana Barrier Island System Management (BISM) Program	P.S.	Dalyander
	1:45	Indicators of Barrier Island Resilience and Resistance in Louisiana	D.	Di Leonardo
	2:00	Regional Sediment Management - Identification of Strategic Placement of Dredged Sand in the Mobile Bay Delta Using Estuarine Sediment Transport Model	E.	Godsey
	2:15	Benefits Quantification of Habitat Restoration Projects Utilizing Sediment Placement Techniques	J.	Cowan
	2:30	30 Minute Discussion of RSM and Sediment Placement		
9.2	3:30	Key Findings from the U.S. Army Corps of Engineers' Southeast Florida Sediment Morphodynamic Study for Miami-Dade County Beaches	K.R.	Legault
	4:00	The Florida Panhandle Shelf Coastal Sediment Availability Data Reassessment for Future Investigations	J.	Moya
	4:30	30 Minute Discussion of Sediment Resources / Resource Identification		

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	10.Preparing the Next Generation to Solve Wicked Problems: Approaches, Programs, and Initiatives in Education and Community Engagement	125

Session #	Start Time	Abstract.Title	First Name	Last Name
10.1	10:30	Preparing Gulf Region Change Agents through Undergraduate Education	Tim	Filbert
	11:15	Wicked Problems, Sticky Learning: Developing 21st-Century Problem-Solvers Through Place-Based Education	Amanda	Hagood
10.2	1:30	Design Studios: Interdisciplinary Education, the Future of the Workforce, and Community Partnerships in the Gulf	Harry Andrea	Escobar Galinski
	2:30	Empowering Tomorrow's Problem Solvers - The Gulf Research Program's Science Policy Fellowship Experience	Maeesha	Saeed
	2:45	Preparing Trinational Future Leaders for the Gulf of Mexico—HRI's Student Workshop on International Coastal and Marine Management (SWIMM)	Mark	Besonen
10.3	3:30	Coasts, Conundrums & Collaborations: Developing Integrated Engineering and Design Solutions for the Future	Traci	Birch
	3:45	Empowering Youth Voices: Youth Activism for Environmental Justice in the Gulf of Mexico Region	Rachel	Gisewhite
	4:00	CWPPRA's WaterMarks360: Bringing Coastal Issues into the Classroom with the Virtual Fieldtrips	Lauren	Leonpacher
	4:15	Changing School Outdoor Spaces to WaterSmart Nativescapes	Sarah	Frantz
	4:30	Developing "Island STYLE" - Systemic Training for Youth Leadership in the Environment Across a School District Grade Level	Amy	Neblett

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday February 22, 2024	10.Preparing the Next Generation to Solve Wicked Problems: Approaches, Programs, and Initiatives in Education and Community Engagement	125

Session #	Start Time	Abstract.Title	First Name	Last Name
10.4	9:00	The Humanity of the How: A Revolution in Higher Education	Richard	Peters
	9:30	Diversity, Equity, and Inclusion in Education and other wicked problems in the Gulf	Rachel	Gisewhite
10.5	10:30	Coastal Restoration Toolkit - An online resource to launch a restoration project in your community	Elsa	Schwartz
	10:45	Building resilience in Northwest Florida: The evolution of OysterCorps, a transformational decade of engaging opportunity youth	Angela	Lindsay
	11:00	A Multilayer Interconnectivity Empowerment Program for Community Resilience	Saeed	Rokooui
	11:15	Open		
	11:30	The NOAA EPP/MSI Center for Coastal and Marine Ecosystems-II: Contributing to the Changing NOAA Mission Workforce	Richard	Long
	11:45	Training the Future Green Infrastructure Workforce Through a High School Internship Program	Christie	Taylor
	12:00	Expanding Aquaculture Education and Training Opportunities in Florida: Success Stories and Lessons Learned from Recent Initiatives	Katrina	Bayliss

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday, February 21, 2024	11. Coastal Bird Science Co- production: Management, Rehabilitation, and Resilience of Waterbird Rookery Islands and Beach Nesting Birds	115

Session #	TIME	Abstract.Title	First Name	Last Name
11.1	10:30	Designing Effective Stewardship and Post-Restoration Management Plans Through Co- Production to Protect Vulnerable Gulf of Mexico Coastal Birds	Nichole	Michel
	10:45	NOAA Firebird: Fire Effects in Gulf of Mexico Marshes on Mottled Ducks, Black and Yellow Rails	Auriel	Fournier
	11:00	Mapping High Marsh Systems across the Northern Gulf of Mexico	Kristine	Evans
	11:15	Co-production of an Adaptive Management Framework for Prescribed Fire to Benefit Wildlife in Marsh Ecosystems of the Gulf of Mexico (J. Lyons presenting)	Michelle	Stantial
	11:30	If you build it, will they come? Assessing habitat quality for birds at created marshes in southeastern Louisiana	Aylett	Lipford
	11:45	Effects of beach restoration on avian nest survival in coastal Louisiana	K.	Williams

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday, February 21, 2024	11. Coastal Bird Science Co- production: Management, Rehabilitation, and Resilience of Waterbird Rookery Islands and Beach Nesting Birds	115

Session #	TIME	Abstract.Title	First Name	Last Name
11.2	1:30	Are raised artificial bird nesting platforms feasible as alternative nesting sites for terns?	Ricardo	Zambrano
	1:45	Habitat Needs and Responses to Beach Renourishment by Beach-nesting Birds in Louisiana	Erik	Johnson
	2:00	Aerial Photographic Surveys of Nesting Colonial Waterbirds Along the Northern Gulf of Mexico	David	Hewitt
	2:15	Sea Level Rise and Coastal Bird Rookery Island in Texas and Florida: Predicted Habitat Loss for Brown Pelicans and Black Skimmers	Alexis	Baldera
	2:30	Wading Bird Nesting Habitat and Shoreline Restoration at the Alafia Bank Critical Wildlife Area	Mark	Rachal
	2:45	Effects of stewardship actions on Least Tern breeding productivity and human disturbance rates in coastal Mississippi	Abby	Darrah

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday, February 21, 2024	11. Coastal Bird Science Co- production: Management, Rehabilitation, and Resilience of Waterbird Rookery Islands and Beach Nesting Birds	115

Session #	TIME	Abstract.Title	First Name	Last Name
11.3	3:30	History and Trends of Rookery Islands in the Western Gulf of Mexico	Dale	Gawlik
	3:45	Wildlife Laws Pertaining to Rookery Islands in the Gulf of Mexico	Kristina	Alexander
	4:00	The Effect of Island Traits on Colony Dynamics of Five Colonial Waterbird Species on the Texas Coast	David	Essian
	4:15	Nueces Bay Rookery Islands: Habitat Restoration and Monitoring	Rosario	Martinez
	4:30	Build it for the Birds: Rookery Island Construction and Protection on the TX Coast	Phillip	Blackmar
	4:45	Creating Bird Islands in Coastal Louisiana using Sediments Dredged from Baptiste Collette Bayou	B.	Suedel

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Tuesday February 20, 2024	12. Ecosystem health assessments: indicators, approaches, and examples linking science to action	120

Session #	TIME	Abstract.Title	First Name	Last Name
12.1	10:30	Barataria Basin Ecosystem Status Report: Lessons Learned and Next Steps	B	Troast
	10:45	Environmental Health and Resilience in Coastal Socio-ecological Communities	P	Salles
	11:00	A Quantitative Ecosystem Health Report Card to Guide Prioritization of Management and Conservation Actions on the Texas Coast	M	Wetz
	11:15	Enhancing Ecosystem Health Assessments in Florida: SEACAR's Data Integration and Communication Strategies	Z	Ruben
	11:30	Report Cards as an Important Tool for the Management of Coastal Natural Protected Areas in Mexico	N	Simoes
	11:45	In the Wake of Climate Change: Science-Driven Adaptive Restoration of Critical Riverine Estuary Habitat	B	Morrison

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Tuesday February 20, 2024	12. Ecosystem health assessments: indicators, approaches, and examples linking science to action	120

Session #	TIME	Abstract.Title	First Name	Last Name
12.2	1:30	Interpreting Multi-stressor Physiological and Population Response for Wildlife Risk Assessment and Conservation	J	Awkerman
	1:45	Gulf of Mexico Avian Monitoring Network Strategic Bird Monitoring Guidelines: Avian Health Metrics	J	Grace
	2:00	Avian Health Metrics in Practice: Blood Biochemistry and Contaminants in Brown Pelicans	P	Jodice
	2:15	Heterophil:Lymphocyte ratios, Glucocorticoids, and Survival in Birds	T	Maness
	2:30	The Parasite Communities of Flounders as Indicators of Chemical Pollution in the Southern Gulf of Mexico	V	Vidal-Martinez
	2:45	Sediment Quality Assessments Indicate Freshwater Inflow Benefits are Confounded with Non-Point Source Pollution Degradation	P	Montagna

Date **Session Title** **Room Number**
Tuesday **12. Ecosystem health** **120**
February **assessments: indicators,**
20, 2024 **approaches, and examples**
 linking science to action

Session #	TIME	Abstract.Title	First Name	Last Name
12.3	3:30	Development of the Gulf of Mexico In-Water Sea Turtle Monitoring Plan	C	Ferraro
	3:45	Emerging Signs of Ecological Stress in Tampa Bay are Reflected in Nekton Communities	K	Flaherty-Walia
	4:00	Using Relationships between Trophodynamics of Nekton and Estuarine Habitat Structure to Create a Spatial Baseline of Estuarine Health in a Subtropical Estuary	S	Whaley
	4:15	Peering into the Black Box of Marine Benthic Indices	J	Nestlerode
	4:30	SPI-ing on the Gulf of Mexico: Evaluating Sediment Profile Imaging as a Rapid Benthic Assessment Tool	J	Paul
	4:45	Tampa Bay Benthic Infauna and Water Quality - The Importance of Long-Term Monitoring Programs in Evaluating the Environmental Health of Tampa Bay	D	Karlen
	5:00	Assessing the Rehabilitation Status of the Reflooded Bahia Grande, Cameron County, Texas	S	Duran

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	13. Wildlife, Fisheries, and Protected Species: Meeting Conservation and Restoration Challenges	123

Session #	TIME	Abstract.Title	First Name	Last Name
13.1	10:30	Evaluation of Microplastics and Exotoxins in Gulf of Mexico Waterfowl	Jacquelyn	Grace
	10:45	Supporting State-led Derelict Crab Trap Detection, Removal, and Outreach	Ali	Robertson
	11:00	A systematic approach to identify nesting habitat of the Texas Diamondback terrapin	Shawn	McCracken
	11:15	Reducing waterbird entanglements in Tampa Bay	Jeff	Liechty
	11:30	Epigenetic Clocks: A Tool for Restoration and Conservation Research and Planning	David	Portnoy
	11:45	A Landbased Pilot Sponge Nursery to Restore Habitats	Andia	Chaves- Fonnegra

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	13. Wildlife, Fisheries, and Protected Species: Meeting Conservation and Restoration Challenges	123

Session #	TIME	Abstract.Title	First Name	Last Name
13.2	1:30	Environmental Drivers of Waterbird Abundance and Distribution in the Gulf of Mexico	Kayla	Davis
	1:45	Evaluating the long-term trophic value of tidal wetland restoration sites for coastal birds	Anna	Armitage
	2:00	The Black Tern: Gulf Restoration delivery for a wetland-dependent species on private lands in the eastern Prairie Pothole Region	Jeffrey	Gleason
	2:15	The Eastern Black Rail and the opportunity for recovery in the Gulf	Jarrett	Woodrow
	2:30	Distribution of a Globally Endangered Seabird in the Northern Gulf: A Range Revision for the Black-capped Petrel	Patrick	Jodice
	2:45	Human Disturbance, Stewardship, and Reproductive Success of Coastal Birds in Alabama	Lianne	Koczur

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	13. Wildlife, Fisheries, and Protected Species: Meeting Conservation and Restoration Challenges	123

Session #	TIME	Abstract.Title	First Name	Last Name
13.3	3:30	Characterizing Trends of Secretive Marshbird Distributions Across the Deltaic Plain of Louisiana	Leah	Moran
	3:45	Spawning Habitat & Early-Life Linkages to Fisheries (SHELF)	Christopher	Stallings
	4:00	Integrating Hardbottom Habitat Metrics into Reef Fish Video Surveys to Assess Fish Assemblages	Amanda	Tyler-Jedlund
	4:15	Accounting for red tide mortality in fisheries stock assessments and management advice in the Gulf of Mexico	David	Chagaris
	4:30	Navigating Restoration Challenges for Protected Resources	Elizabeth	Fetherston
	4:45	Seek, Wrangle and Build. Building CETACEAN Data Platform	Grant	Craig

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday February 22, 2024	13. Wildlife, Fisheries, and Protected Species: Meeting Conservation and Restoration Challenges	123

Session #	TIME	Abstract.Title	First Name	Last Name
13.4	9:00	Changes in Recreational Boating Activity Associated with Newly Established Manatee Protection Zones in Western Pinellas County, Florida	Jay	Gorzelay
	9:15	Interpretation to Implementation: Putting the Updated Model Lighting Ordinance for Sea Turtle Protection into Practice	Paige	Lansky
	9:30	Dolphins over the West Florida Shelf: Ranging Patterns, Habitat Use, and Health	Randall	Wells
	9:45	A Population Consequences of Multiple Stressors Model to Inform Restoration Strategies for Gulf of Mexico Sperm Whales	Lance	Garrison

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday February 22, 2024	13. Wildlife, Fisheries, and Protected Species: Meeting Conservation and Restoration Challenges	123

Session #	TIME	Abstract.Title	First Name	Last Name
13.5	10:30	DWH Sea Turtle Restoration: Understanding Challenges Through Project Case Studies	Sara	Wissmann
	10:45	Pier Pressure: A Summary of Incidental Captures of Sea Turtles at Florida's Fishing Piers along the Gulf of Mexico	Robby	Brannum
	11:00	Challenges and opportunities to restore sea turtles by reducing impacts from vessel interactions	Mariana	Fuentes
	11:15	Sea Turtle Nesting Assessments in the Gulf of Mexico: Expanding Our Coverage	Dianne	Ingram

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday February 22, 2024	14. Emerging Chemical Pollution Threats to Wildlife and People in Gulf of Mexico Region	114

Session #	TIME	Abstract.Title	First Name	Last Name
14.1	1:30	Assessing the Implications of PFAS: Monitoring Environmental Distribution, Fate and Transport, and Infiltration into our Living Environment Keynote talk from J. Bowden	John	Bowden
	2:00	Statewide Mapping of Per-and Polyfluoroalkyl Substances(PFAS) in Florida Drinking Water	Thomas	Sinkway
	2:15	Is there a need for PFAS-related fish advisories for estuarine fishes collected in Florida?	Erin	Pulster
	2:30	Fate and Effects of PFAS in Saltmarsh Ecosystems	Marie	DeLorenzo
	2:45	Species-specific Profiles of Per- and Polyfluoroalkyl Substances (PFAS) in Sharks along the South Atlantic Bight of the United States	Qaim	Mehdi

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday February 22, 2024	14. Emerging Chemical Pollution Threats to Wildlife and People in Gulf of Mexico Region	114

Session #	TIME	Abstract.Title	First Name	Last Name
14.2	3:30	A Framework for Assessing Microplastics in Florida: An Inter-watershed Collaborative Approach	Bob	Murphy
	3:45	Understanding the threat of pharmaceuticals to coastal fisheries: a case study of South Florida and Caribbean bonefish	Jennifer	Rehage
	4:00	A statewide survey of pharmaceutical exposure in a valuable recreational fishery, Red drum (<i>Sciaenops ocellatus</i>), across 9 Florida estuaries	Ryan	James
	4:15	Preliminary study of Phthalate Esters bioaccumulation in the Eastern oyster, <i>Crassostrea virginica</i> , in Tampa Bay, Florida	Andrea	Murray
	4:30	Trends from Analysis of Sucralose, Nutrients, and Mosquitofish Morphology as Indicators of Endocrine Disrupting Chemicals in Different Waters	Nora	Demers
	4:45	Are We in Hot Water?: Potential Radiological Threats of Produced Water Discharges from Offshore Oil and Gas Facilities in the Gulf of	Steve	Murawski

Date Session Title Room Number
Tuesday, 15. One Health/One Water: Emerging 124
February 20, Pathogens, Innovative Technologies, and
2024 Economics

Session #	TIME	Abstract.Title	First Name	Last Name
15	1:30	The Next Generation of HABscope: Self Contained, Low Cost AI at Your Fingertips	Robert	Currier
	1:45	ORCA's One Health Fish Monitoring Project	Missy	Weiss
	2:00	Advancing the Use of Passive Acoustic Ecology in Coastal Regions Through Development of Integrated Observing Platforms and AI Enabled Data Processing	James	Locascio
	2:15	Evaluating the AI-enable Predictor of Enterococcus Counts for Texas Coastal Ocean Beaches	Felimon	Gayanilo
	2:30	Risk Factors for Pathogen Carriage Among School-Age Children in Rural Alabama	Drew	Capone
	2:45	Ideal versus Real: Mapping Nested Governance of On-Site Sewage Systems in Coastal Louisiana	Aaron	Bivins
	3:00	Reducing Nutrient Loading in the Gulf of Mexico by Harvesting Algae and Repurposing It as Fertilizer Amendment	Darryl	Boudreau

Date **Session Title** **Room Number**
Tuesday **16. Quantifying and Reporting the** **116**
February **Human Benefits of Nature**
20, 2024

Session #	TIME	Abstract.Title	First Name	Last Name
16.1	1:30	Session Introduction	Session Co-host	
	1:45	Comprehensive Monitoring of Multifunctional GreenStormwater Infrastructure in South Florida	Ali	Ebrahimian
	2:00	Integration of Coastal Wetlands Into Shoreline Infrastructure for Flood Mitigation in McKay Bay, Florida	Megan	Kramer
	2:15	Veterans Park Living Shoreline - A Case Study for the Costs and Benefits of Nature Based Solutions	Cortney	Cortez
	2:30	A Community Survey to Explore Nature Based Solutions in Refugio County, Texas	Diana	Del Angel
	3:00	How Access to Public Shore Fishing Spaces Benefits Individual and Community Wellbeing	Noelle	Boucquey
16.2	3:30	Engaging End-Users to Steer the Development of Applicable Flood Risk Information	Larissa	Lee
	3:45	Equity and Flood Insurance	Renee	Collini
	4:00	2023 Economic Valuation of Tampa Bay: Economic Impacts of Watershed-Related Industry Sectors, Amenities, and Ecological Services	Alana	Todd
	4:15	A System Dynamics Approach to Exploring the Complexity of Nature Tourism Management: A Case from the Coast of Oaxaca, Mexico	Hilda	Zamora-Maldonado
	4:30	Final Discussions, HBON Listserv sign up & photos	Session Co-host	

Date **Session Title**
Tuesday 17. Coastal Carbon Uncertainties and
February Opportunities
20, 2024

Room Number
123

Session #	TIME	Abstract.Title	First Name	Last Name
17.1	1:30	Calculating Net Carbon Flux for Blue Carbon Accreditation, Navigating Uncertainty and Assumptions	T	Carruthers
	1:45	Developing Carbon Budgets for State-level Restoration Efforts: Analyses of Soil Carbon across Louisiana Wetlands	S	Liner
	2:00	Mitigation, adaptation, and Vulnerability Reduction: Blue Carbon in the Yucatan Peninsula	J	Herrera-Silveira
	2:15	Early Outcomes of C-biogeochemistry Modeling of Chenier Plain Coastal Marsh with Variable Natural and Managed Salinity and Elevation Dynamics	M	Hoch
	2:30	JAGNET: Establishing an Eddy Covariance Flux Tower Network in the Mobile-Tensaw Delta	G	deOliveira
	2:45	Open discussion of science gaps and methodology		

Date **Session Title**
Tuesday **17. Coastal Carbon Uncertainties and**
February **Opportunities**
20, 2024

Room Number
123

Session #	TIME	Abstract.Title	First Name	Last Name
17.2	3:30	Establishing a Viable Coastal Carbon Market in a Dynamic Deltaic System - Barriers and Opportunities	M	Terrell
	3:45	Blue Carbon Opportunities and Challenges for Louisiana's Coastal Master Plan	J	Scheibly
	4:00	The State of Louisiana's coastal carbon science needs and current investigations of the feasibility of an agency-led crediting framework	J	Pahl
	4:15	Investing in Texas Coastal Wetlands for Climate Mitigation and Community Resilience	C	Nash
	4:30	Highlights of the Northern Gulf of Mexico Blue Carbon Research Working Group	J	Cowan
	4:45	Open discussion of policy challenges and opportunities		

Date **Session Title** **Room Number**
Tuesday **18. Prevention and Removal of Marine Debris** **122**
February
20, 2024

Session #	TIME	Abstract.Title	First Name	Last Name
18.1	10:30	Expanding Nurdle Patrol Citizen Science Program to Mexico	Jace	Tunnell
	10:45	Pre-production Plastics Remediation and Restoration	Ryan	Fikes
	11:00	Incentivizing Communities to Reduce Marine Debris Through a Novel Sustainable Education Program	Keith	Chenier
	11:15	Preparing to Launch a Citywide Reusable Cup Program in Galveston, TX	Autumn	Buford
	11:30	Marine Debris Prevention with Remora: A Mobile App to Increase Accountability and Reduce Single-use Plastic Consumption	S	Schaal
	11:45	Up2U Litter Prevention and Up2U PLUS: Cultivating Personal Responsibility for Litter Prevention in the Texas Coastal Bend	Kathryn	Tunnell
18.2	1:30	Operation TRAP - Trash Reduction for Aquatic Preserves	Monica	Wilson
	1:45	FWC Marine Debris Mapping, Removal, and Resources	Jennifer	McGee
	2:00	Removing marine debris through the engagement of the local commercial seafood industry	Alyssa	Rodolfich
	2:15	Planning for the Unplanned: Preparing for Response to Marine Debris After Disasters	Jessica	Conway
	2:30	Coordinated Large Marine Debris Removal in the Gulf of Mexico	Megan	Chevis
	2:45	Advanced Methods for Dredging and Hurricane Ian Response	Matthew	Starr

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Tuesday February 20, 2024	19. Coastal Community Resilience	119

Session #	Time	Abstract. Title (Author Last Name)
19.1	10:30	Addressed-Based Flood Risk Analysis Built on 140+ Years of Observed Flood Data (Needham)
	10:45	Collaborative Resilience in Frontline Communities: Learned Best Practices in East Biloxi and South Mobile County (Williams)
	11:00	Cedar Key - a model for co-designing climate adaptation in a small coastal town (Barry)
	11:15	Communities Organizing for Power through Empathy: Building Coastal Community Resilience and Psychosocial Response Capacity (Scott)
	11:30	Promoting Community Resilience with Public Co-benefits in Louisiana: Bucktown Living Shoreline (Joiner)
	11:45	Wave Monitoring at Philippe Park in Support of Living Shorelines (Meyers)
19.2	1:30	A Sociotechnical Approach to Build Water-Sector Resilience in the Gulf of Mexico Region (Spearing)
	1:45	Enhancing Coastal Community Resilience Through Sustainable Solar Energy Systems (Aly)
	2:00	Nonviolent Communication: A Tool to Support Energy Equity and Community Resiliency (Pengellely)
	2:15	Building Back Greener: Residential Building Decarbonization Opportunities Following Floods and Other Disasters (Waters)
	2:30	Resilient Waterfronts: Coastal Risk and Adaptation Design Approaches (Hansell)
	2:45	Examining Oyster Production Resiliency in the Alabama and Mississippi Oyster Industries (Sower)
19.3	3:30	Open
	3:45	Scaling Up Nature-based Solutions (SUNS) in the Gulf of Mexico: Opportunities and Challenges of the SUNS Planning Framework and Approach (Shepard)
	4:00	Developing a Roadmap for Green Stormwater Infrastructure Research in South Florida (Ebrahimian)
	4:15	A geospatial living shoreline site suitability decision support tool that incorporates future conditions based upon locally derived sea-level rise scenarios (Parkinson)
	4:30	Integrating Artificial Intelligence and Satellite Image Processing for Near Real-Time Flood Mapping (Mohamadizar)
	4:45	(open)

<u>Date/Time</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	19. Coastal Community Resilience	119

Session #	Time	Abstract. Title (Author Last Name)
19.4	10:30	Mississippi Coastal Improvements Program Deer Island Ecosystem Restoration (Godsey)
	10:45	Open
	11:00	Examining factors influencing plan integration for community resilience in six US coastal cities using Hierarchical Linear Modeling (Yu)
	11:15	Pinellas County's Future Flood Risk Modelling (Wolf)
	11:30	Assessing Coastal Vulnerability and Resilience in Southwest Florida: Lessons Learned in the Wake of Hurricane Ian (Savarese)
	11:45	Topobathymetric Lidar in the Eastern Gulf of Mexico, 2019 - Present (Karlin)
19.5	1:30	A New Model for Vulnerability Assessments: Compounding Vulnerabilities for Affordable Housing in East Central Florida (Galinski)
	1:45	Integrating Community Planning Factors and Climate Hazards to Support Resilient Equitable Affordable Housing (Reynolds)
	2:00	Community Resilience Housing Guide Project Update (Green)
	2:15	Planning and Implementing More Resilient Housing: Foley, Alabama (Estes)
	2:30	The Five "Builds" of Climate Resilient Coastal Housing (Paterson)
19.6	2:45	Open Discussion on Affordable Housing
	3:30	Open Discussion on Coastal Challenges pertaining to Resiliency, Equity, and Home Insurance Session Description (Collini and Stiller)

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday February 22, 2024	19. Coastal Community Resilience	119

Session #	Time	Session Description (Co-Chairs: Renee Collini and Heidi Stiller)
19.7	9:00	Changing Large Wildfire Risk in the Southeastern U.S. (Donovan)
	9:15	Fusing Small and Big Data to Advance Understanding of Hurricane Evacuation (Zhao)
	9:30	The Social Value of Hurricane Forecasts (Molina)
	10:00	Climate Central's Toolkit for Analyzing and Communicating Sea Level Rise and Coastal Flood Risk (Van Baalen)
19.8	10:30	Redefining Climate Resilience for More Equitable Outcomes (Collini)
	10:45	Measuring Nature Based Tourism on the Mississippi Gulf Coast (Carter)
	11:00	Homeowner Handbook Application - Expanding Resilience Functionality and Reach (Christopher)
	11:15	Gulf TREE: Climate Resilience Tool Selection Support for the Gulf of Mexico (Medhurst)

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday, February 21, 2024	20. Data Management and Sharing Strategies: How data can lead the way in navigating multi-use coordination in an	120

Session #	TIME	Abstract.Title	First Name	Last Name
20.1	1:30	Welcome		
	1:35	Data Management and Sharing Strategies: How Data Can Lead the Way in Navigating Multi-use Coordination in an Increasingly Dynamic Gulf of Mexico	R.D.	Baumstark
	1:43	How to Embrace Data Management Planning	L.	Jackson
	1:51	Evolution in Seafloor Mapping Data Management and Dissemination Techniques	A.	Shukla
	2:00	Coordinating geological data sharing at multiple scales -MMIS and Geological Survey of Alabama Case	E.	Sandrowicz
	2:08	Panel Discussion		
	2:30	Discovering Marine Geophysical Data at NOAA's National Centers for Environmental Information	G.	Zelenak
	2:45	Applications and Accessibility of Broad Scale Habitat Mapping Data Collected in Support of Reef Fish Surveys: Unique Challenges and Emerging Opportunities	S.F	Keenan

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday, February 21, 2024	20. Data Management and Sharing Strategies: How data can lead the way in navigating multi-use coordination in an	120

Session #	TIME	Abstract.Title	First Name	Last Name
20.2	3:30	Establishing a Standardized Framework for Data Integration & Distribution Through Expert Engagement and Community Agreement on the West Florida Shelf	A.E.	Braswell
	3:38	Imagery Data Management Challenges & Solutions Converge With Ocean Technology and Artificial Intelligence (AI) Ready Data Requirements	M.J.	Cromwell
	3:46	Developing A New Tool to Identify Essential Fish Habitat (EFH) Potentially Impacted by Offshore Dredging	A.	Ramirez
	3:54	Deepwater Horizon Long-Term Data Management	G.	Graettinger
	4:02	Panel Discussion		
	4:30	Beyond Data Storage: How the SEACAR Program Facilitates Coordination Among Habitat Monitoring Programs and Meta-Analyses of Their Data Across Florida	Cheryl	Clark
	4:45	Data Management Digital Forum	Brittany	Jensen

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday, February 22, 2024	Data Management and Sharing Strategies: How data can lead the way in navigating multi-use coordination in an increasingly dynamic Gulf of Mexico	120

Session #	TIME	Abstract.Title	First Name	Last Name
20.3	10:30	The Southeast Conservation Blueprint: Indicators for a Healthy Gulf	Adam	Malcomb
	10:45	Factors influencing quality of citizen-science collected litter data and the retention of recruited citizen scientists	Jessi	James-Barry
	11:00	Metocean Data from the Oil and Gas Industry in the Gulf of Mexico: The BSEE/NTL Open Data Repository	Felimon	Gayanilo
	11:15	The G-FISHER program: A collaborative state-federal partnership to collect and share broad-scale reef fish survey data from the Gulf of Mexico	Sheri	Parks
	11:30	Using Modern GIS Trends to Connect Communities to Meaningful Authoritative Data	Drew	Stephens
	11:45	A Case Study of Coordination and Data Sharing in the Atlantic Ocean Region and How it Relates to the Gulf of Mexico	Jenna	Ducharme

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	21. Gulf of Mexico Oxygen Depletion (Hypoxia): Watershed and Coastal Mitigation and Monitoring Efforts Toward a Healthier Gulf	120

Session #	TIME	Abstract.Title	First Name	Last Name
21	10:30	Hypoxia (Oxygen Depletion) West of the Mississippi River: What Have We Learned?	Nancy	Rabalais
	11:00	An interannual perspective on the dissolved oxygen conditions on the Alabama shelf and potential drivers contributing to hypoxic events	Brian	Dzwonkowski
	11:30	Hypoxia Task Force Goals and Nutrient Reductions through the EPA's new Gulf Hypoxia Program	C	Brady
	11:45	Stories, Data, and Action for Reducing Nitrogen Pollution	C	Prouty

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Tuesday, February 20, 2024	22. Challenges of Identifying and Managing for the Effects of Tropicalization on Gulf Coastal Natural Resources	116

Session #	TIME	Abstract.Title	First Name	Last Name
22	10:30	Climate-Ready Fisheries: Spatially Defining Subsurface Climate-Vulnerable Regions of the Gulf of Mexico with High- Resolution Models	Jill	Thompson- Grim
	10:45	Investigating tropicalization of fishes and their cleaning stations found along hardbottom ledges of the West Florida Shelf	Robert	Ellis
	11:00	A Freeze Climatology for the Southeast US	Barry	Keim
	11:15	Reduction of Freeze Days in the Conterminous US	Vincent	Brown
	11:30	Panel Discussion		

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Tuesday, February 20, 2024	23. Extreme heat: Working together to equitably plan for and adapt to heat and related health impacts	124

Session #	TIME	Session Discription
23	10:30 AM to 12:00 PM	<p>Panel Discussion: Extreme heat</p> <p>Speakers will highlight the ways in which they are working towards adaptive extreme heat solutions by building broad and inclusive community-based partnerships, redefining data accessibility and application, developing contextual risk communication, implementing evidence-based solutions to address heat and mental health, and neighborhood habitability.</p> <p>Panelists</p> <p>Ashley Ward, PhD, Director, Heat Policy Innovation Hub, Duke University's Nicholas Institute for Energy, Environment & Sustainability</p> <p>Paul Schramm, Climate Science Team Lead, Climate and Health Program, Division of Environmental Health Science and Practice, NCEH, CDC</p> <p>Taryn Sabia, PhD, Assistant Dean for Research, Associate Professor of Research, School of Architecture and Community Design, University of South Florida</p> <p>Morgan Zabow, Community Heat and Health Information Coordinator, NOAA's NIHHIS</p>

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	24. Mitigating Harmful Algal Blooms in the Gulf of Mexico: Building Resilience through Enhanced Detection, Control, Remediation, and Better Communication	122

Session #	TIME	Abstract.Title	First Name	Last Name
24.1	10:30	Coming to Consensus on Florida's Harmful Algal Blooms	Elizabeth	Staugler
	10:45	Sources of Nutrients in the St. Lucie Estuary, with Implications for Harmful Algal Bloom Management	Robert	Scharping
	11:00	Nutrient Management and Optimization for Algae Bloom Reduction in Lake Okeechobee	Osama	Tarabih
	11:15	Removal of Microbial Consortia, Toxins, Contaminants and Nutrients: A Case for Utilization of Ozone Impregnated Nano Bubbles as a Holistic, Green Mitigation Technology	Peter	Moeller
	11:30	From Bloom to Bust: Economic and Social Losses and Impacts of the 2018 Florida Red Tide (<i>Karenia brevis</i>) Bloom	Sergio	Alvarez
	11:45	Bioaccumulation and Depuration of Saxitoxin in Eastern Oysters and Implication for Oyster Restoration and Bloom Mitigation in Tampa Bay, Florida	Sugandha	Shankar

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	24. Mitigating Harmful Algal Blooms in the Gulf of Mexico: Building Resilience through Enhanced Detection, Control, Remediation, and Better Communication	122

Session #	TIME	Abstract.Title	First Name	Last Name
24.2	1:30	Oyster restoration to mitigate Pyrodinium bahamense blooms in Tampa Bay- Strategies and Challenges	Sara	Kaminski
	1:45	Most treatments to control freshwater algal blooms are not effective: Meta-analysis of field experiments	Alan	Wilson
	2:00	A Tiered Testing Approach for Evaluation of HAB Mitigation Efficacy	Cynthia	Heil
	2:15	Remediation of Harmful Algal Bloom toxins by biochar: Adsorption Kinetics and Adsorption Isotherm	Cadianne	Chambers
	2:30	Evaluation of Effects of Curcumin on Marine Invertebrates During Mitigation of Karenia brevis Cells and Brevetoxins	Jessica	Frankle
	2:45	The Targeted Destruction of Karenia brevis in mitigating the Red Tide	Vijay	John

Date Session Title Room Number
Tuesday, 25. The Present and Future of Ocean and **117**
February 20, Coastal Mapping Infrastructure in the
2024 Gulf of Mexico

Session #	TIME	Abstract.Title	First Name	Last Name
25.1	10:30	Session Introduction	TEAM	
	10:45	Selecting a site for a multibeam backscatter calibration line in the West Florida Nearshore Region	Stephan	O'Brien
	11:00	Glider-derived Bathymetry to Aid and Supplement Coastal Mapping Priorities	Sean	Beckwith
	11:15	Encouraging Innovative Supplementary Data Gathering: The International Hydrographic Organization Crowdsourced Bathymetry Initiative	Jennifer	Jencks
	11:30	Building a Crowdsourced Bathymetry Program in Tampa Bay (and Beyond!)	Sarah	Grasty
	11:45	Multispectral satellite data solutions to aid coastal monitoring - Technology, Use Cases and Tools	Edward	Albada
25.2	1:30	The Tampa Bay Bathymetry Experiment: Evaluating a Multi-Layer Approach to Shallow Water Mapping	David	English
	1:45	A Next Generation Coastal Land Cover	Kyle	Barnes
	2:00	Panelist2: The Present and Future of Ocean and Coastal Mapping Infrastructure in the Gulf of Mexico	Dan	Otis
	2:05	Panelist2: The Present and Future of Ocean and Coastal Mapping Infrastructure in the Gulf of Mexico	Michael	Wernau
	2:10	Panelist2: The Present and Future of Ocean and Coastal Mapping Infrastructure in the Gulf of Mexico	Richard	Goosen

Date Session Title Room Number
Tuesday, 25. The Present and Future of Ocean and
February 20, Coastal Mapping Infrastructure in the
2024 Gulf of Mexico 117

Session #	TIME	Abstract.Title	First Name	Last Name
25.3	3:30	Florida Coastal Mapping Program Prioritization 2: Deep Water Stakeholder Prioritization	Cheryl	Hapke
	3:45	Panelist1: Florida Seafloor Mapping Initiative Update	Kim	Jackson
	3:55	Panelist1: The Present and Future of Ocean and Coastal Mapping Infrastructure in the Gulf of Mexico	Rene	Baumstark
	4:00	Panelist1: The Present and Future of Ocean and Coastal Mapping Infrastructure in the Gulf of Mexico	Jennifer	Wozencraft
	4:05	Panelist1: The Present and Future of Ocean and Coastal Mapping Infrastructure in the Gulf of Mexico	Jeff	Danielson
	4:10	Panelist1: The Present and Future of Ocean and Coastal Mapping Infrastructure in the Gulf of Mexico	Dave	Reed

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	26. Pursuing Coordinated Coastal Planning and Broad Scale Implementation of Solutions in the Northern Gulf of Mexico	116

Session #	TIME	Abstract.Title	First Name	Last Name
26.1	10:30	Supporting Coordinated Coastal Decision Making and Partnerships Across National, Regional, and Local Scales	Trevor	Meckley
	10:45	The role of process-based modeling in coastal restoration decision-making	Davina	Passeri
	11:00	Coastal Adaptation Pathways for Barrier Island Communities	Renee	Collini
	11:15	Enhancing Marsh Model Application in the US through Intersectional Stakeholder Engagement	Nina	Woodard
	11:30	Beneficial Use of Dredged Materials, Learning to Apply the Biggest Tool in the Box for Ecosystem Restoration and Resilience	George	Ramseur
	11:45	Natural capital accounting provides quantitative evidence for success of restoration projects	Don	Blancher

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	26. Pursuing Coordinated Coastal Planning and Broad Scale Implementation of Solutions in the Northern Gulf of Mexico	116

Session #	TIME	Abstract.Title	First Name	Last Name
26.2	1:30	Restoring Dauphin Island through Collaborative Planning and Partnerships	Justin	McDonald
	1:45	Implementing the Alabama Barrier Island Restoration Assessment for priority large-scale beach, dune, and marsh habitat restoration projects	Meg	Goecker
	2:00	Comprehensive Watershed Planning in Dauphin Island, Alabama	Christian	Miller
	2:15	Bird Conservation and Management on Dauphin Island's West End	Chris	Warn
	2:30	Watershed Plan Implementation on the Western Shore of Mobile Bay	Kudulis	Jason
	2:45	Salt Aire Shoreline Restoration	Peyton	Posey
	2:52	Dauphin Island Causeway Shoreline: Beneficial Use Habitat Restoration and Shoreline Protection	Kevin	Hanegan
26.3	3:30	Advancing Coastal Resilience of National Wildlife Refuges through Living Shorelines and Breakwaters	K	Calvez
	3:45	Living shoreline technical assistance programs in Mississippi and Alabama	Eric	Sparks
	4:00	Demonstrated Benefits of Living Shorelines in the Northern Gulf of Mexico - Protecting Vulnerable Shorelines and Providing Valuable Habitat	Stella	Wilson
	4:15	Monitoring and Evaluation of Natural Infrastructure Projects	Jenny	Davis
	4:30	Facilitated Panel Discussion: See online program for panelists		

Date **Session Title** **Room Number**
Wednesday **27. Oyster Science, Restoration,** **121**
February 21, **Management, and Community**
2024 **Engagement Leading to Resilience**

Session #	TIME	Abstract.Title	First Name	Last Name
27.1	10:30	Oyster Shell Recycling Lessons Learned	Christina	Verlinde
	10:45	The Galveston Bay Foundation’s Oyster Shell Recycling Program Twelve Years of Growth and Future Goals	Shannon	Batte
	11:00	Inspiration and Cooperation: How to Form and Maintain an Oyster Shell Recycling Program	Mark	Berte
	11:15	Restoring Oyster Habitat in Coastal Louisiana: Coalition to Restore Coastal Louisiana's Oyster Shell Recycling Program	Fiona	Lightbody
	11:30	Effects of Structural Design on Oyster Predation in Artificial Reefs	Jaden	Akers
	11:45	Reefense: A mosaic oyster habitat for coastal protection.	Eric	Sparks

Date **Session Title** **Room Number**
Wednesday **27. Oyster Science, Restoration,** **121**
February 21, **Management, and Community**
2024 **Engagement Leading to Resilience**

Session #	TIME	Abstract.Title	First Name	Last Name
27.2	1:30	Oysters as the Foundation for Industrial Scale Restoration and Conservation Projects with Measurable Positive Outcomes - Challenges of Scale and Imagination	Larry	McKinney
	1:45	Oyster Habitat Enhancements in St. Andrew Bay, Florida	Becca	Hatchell
	2:00	A Comprehensive Overview of Oyster Restoration in Alabama	Bekah	Farmer
	2:15	Oyster Reefs in Florida: Sharing and Applying Information Compiled by the Oyster Integrated Mapping and Monitoring Program	Kara	Radabaugh
	2:30	Open		
	2:45	Using an Ecosystem Service Model to Inform Restoration and Population Resilience Goals: A Spatially Explicit Oyster Filtration Model for the Pensacola Bay System, Florida	Laura	Geselbracht
27.3	3:30	Habitat benefits of restored oyster reefs using a paired harvestable-sanctuary approach	Jennifer	Beseres Pollack
	3:45	Design, Monitoring, and Adaptive Management Strategies for Hybrid Sanctuary/Harvestable Oyster Reef Restoration Projects in Texas	Kathy	Swezey
	4:00	Recommendations from The Nature Conservancy for Restoring Oysters in the Gulf of Mexico	Robert	Bendick

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday February 22, 2024	29. The pelagic Gulf of Mexico: its biodiversity, ecology, drivers, and management	117

Session #	TIME	Abstract.Title	First Name	Last Name
29.1	10:30	Pelagics in a New Light: Impacts of Lighted Offshore Platforms on Trophic Dynamics of Tunas in the Gulf of Mexico	Steven	Murawski
	10:45	A 10-year Time Series Genomic Diversity Analysis of Three Pelagic DeepSea Fish After the Deepwater Horizon Oil Spill	Pedro	Peres
	11:00	Changes in assemblage structure of Lanternfishes in the decade following the Deepwater Horizon Oil Spill	Rosanna	Milligan
	11:15	The Acoustic Ecology and Conservation of Rice's Whales in the Pelagic Gulf of Mexico	Melissa	Soldevilla
	11:30	Stable Isotope Analysis on Yellowfin and Blackfin Tuna Eye Lenses Reveals Life HistoryPatterns in the Gulf of Mexico	Kylee	Rullo
	11:45	Where are did they go? After a decade of declines in toothed whale densities, a Gulfwide international acoustic monitoring effort looks for answers	Kaitlin	Frasier

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday February 22, 2024	29. The pelagic Gulf of Mexico: its biodiversity, ecology, drivers, and management	117

Session #	TIME	Abstract.Title	First Name	Last Name
29.2	1:30	Evidence of High Densities of Mesopelagic Organisms over Deepwater Topographic Features in the Gulf of Mexico	Tracey	Sutton
	1:45	Keeping an Ear out for Diving Whales: Diving Behavior of Beaked Whales in the Gulf of Mexico Identified via Acoustic Tracking	Heloise	Frouin-Mouy
	2:00	The Trophic Ecology and Vertical Distribution of the Deep-Pelagic Fish Scombrobrax Heterolepis (Scombriformes: Scombrobracidae), an 'Advanced' Fish in a World of 'Primitive' Fishes	Kathryn	Lim
	2:15	Open		
	2:30	Mapping Connectivity Between Cetaceans and the Pelagic Gulf	Elizabeth	Fetherston
	2:45	Characterization of Acoustic Source Levels of the Gulf of Mexico's Commercial Fleet Using Shipping Lane Monitoring Stations	Katrina	Johnson

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Thursday February 22, 2024	29. The pelagic Gulf of Mexico: its biodiversity, ecology, drivers, and management	117

Session #	TIME	Abstract.Title	First Name	Last Name
29.3	3:30	Do Mesopelagic Fish Biomass Patterns Change in Response to Major Oceanographic Features in the Northern Gulf of Mexico?	Ian	Areford
	3:45	Shipping Noise in the Northern Gulf of Mexico Between 2010-2023	Lynne	Hodge
	4:00	Trophic Ecology of Black Swallowers (Scombriformes: Chiasmodontidae: Chiasmodon) in the Deep-Pelagic Gulf of Mexico	Travis	Kirk
	4:15	Development of Offshore Gulf of Mexico Ecological Resources at Risk Response Information for Area Contingency Plans	Lauren	Szathmary

Date
Thursday,
February
22, 2024

Session Title
30. Status of Corals in the Gulf and
Caribbean Region

Room Number
122

Session #	TIME	Abstract.Title	First Name	Last Name
30.1	9:00	Estimating Coral Population Losses Across the Florida Reef Tract due to Stony Coral Tissue Loss Disease	Rob	Ruzicka
	9:30	Status of coral assemblages at East and West Flower Garden Bank National Marine Sanctuary, Gulf of Mexico	Michelle	Johnston
30.2	10:30	Planning For The Future: The Coral Propagation Strategy	Morgan	Eason
	10:45	Do Corals Survive Better Alone or in Company?	Christopher	Spagnolia
	11:00	Coral Restoration in Cuba	Fernando	Bretos
	11:15	Coral Relocation Case Study at the USCG Sector/Station Key West	Kelley	Samuels
	11:30	Temperature Variability in the Gulf of Mexico since the 1880 CERevealed by Siderastrea siderea CoralSr/Ca Reconstructions	Kylie	Palmer
	11:45	Parentage and Dispersal Capability of a Sponge Bioeroder Within Caribbean Reefs	Braden	Haggart

Date **Session Title** **Room Number**
Tuesday **31. Understanding community** **118**
February 20, **assemblages in tidal flats within the Gulf**
2024 **of Mexico**

Session #	TIME	Abstract.Title	First Name	Last Name
31	10:30	Spatial diversity of seagrass habitats on the Gulf of Mexico	Jake	Lasala
	10:45	Characterization and Restoration of Cyanobacteria Mats on Tidal Flats in the Laguna Madre, Texas	Terry	Palmer
	11:00	Non-breeding Abundance and Foraging Ecology of Shorebird Communities on Tidal Flats in the Grand Bay Estuary, Mississippi	Mark	Woodrey
	11:15	Mapping Time-integrated Intertidal Foraging Habitat Availability for Imperiled Wading Birds	Antonio	Cantu
	11:30	Avian use of tidal flats: the case for Reddish Egrets as an umbrella species	Clay	Green
	11:45	Panel discussion		

Date **Session Title** **Room Number**
Tuesday, February 20, 2024 **32. Advances in satellite imagery as a synergistic tool for scientific research and policy-making in coastal habitats** **114**

Session #	Time	Abstract.Title	First Name	Last Name
32.1	10:30	Introduction		
	10:45	Advances in satellite imagery as a synergistic tool for scientific research and policy-making in coastal habitats	Dan	Otis
	11:00	The NOAA CoastWatch Program - Capacity building and education in ocean satellite data	Elizabeth	Staugler
	11:15	Predicting Harmful Algal Blooms in Freshwater Lakes: A Remote Sensing Approach to Water Quality and Cyanobacteria Analysis	Sara	Kamanmalek
	11:30	Satellite-Based Landscape Characterization for Understanding Barrier Island Response to Storms and Human Activities	Julie	Bernier
	11:45	Open Discussion		
32.2	1:30	Panel Discussion: Host - Larry Handley, Catherine Lockwood, and Mark Finkbeiner (see online program for panelists)		

Date **Session Title** **Room Number**
Tuesday **33. Deepwater Horizon Science Coordination:** **121**
February 20, **Restoration, Co-Production, and Synthesis**
2024

Session #	START	Abstract.Title	First Name	Last Name
33.1	10:30	Department of the Treasury and Gulf Coast Ecosystem Restoration Council RESTORE Act Best Available Science Application and Coordination with Centers of Excellence	Amy	Newbold
	10:37	NOAA's Science Needs Related to Deepwater Horizon NRDA Restoration	Eric	Weissberger
	10:44	Fishes, Turtles and Whales Oh My! The Gulf Coast Ecosystem Restoration Council Monitoring and Assessment Program	Randy	Clark
	10:51	SCA Hubs: Leveraging the Gulf Coast Strategic Conservation Assessment to Enhance Spatial Conservation Planning Efforts in the U.S.	Kristine	Evans
	10:58	Fostering Collaboration for Effective Gulf Restoration: MBACE, MDEQ, and MDMR	Helen	Olmi-Graham
	11:05	Salinity and Food Supply Govern Oyster Larval Performance and Settlement Potential in the Western Mississippi Sound: a Modeling Study	James	Klein
	11:12	Alabama Center of Excellence: Science-driven solutions for a changing climate	Amy	Hunter
	11:19	Restoration Science to Improve Future Restoration Project Outcomes in the Gulf of Mexico	Nicole	Raineault
	11:26	Ecosystem restoration on the West Florida Shelf modeled using an Atlantis end-to-end ecosystem model	Cameron	Ainsworth
	11:33	Funding collaborative science to support the Louisiana Coastal Master Plan	Jessica	Henkel
	11:40	Louisiana Coastwide Avian Restoration, Monitoring and Adaptive Management: Beginning with the End in Mind	Jon	Wiebe
	11:47	Texas OneGulf Center of Excellence: A Framework for Knowledge Co-Production and Evaluation	Christine	Hale
	11:54	Identifying Environmental Concerns and Restoration Priorities for the Texas Coast Through Document Content Analysis	Diana	Del Angel

Date **Session Title** **Room Number**
Tuesday **33. Deepwater Horizon Science Coordination:** **121**
February 20, **Restoration, Co-Production, and Synthesis**
2024

Session #	START	Abstract.Title	First Name	Last Name
33.2	1:30 PM	Incentivizing Gulf of Mexico natural resource managers and researchers to co-produce actionable science	Miranda	Madrid
	1:45 PM	Creating Secure Warm-water Habitat Networks for Manatees along Florida’s Gulf Coast: Co-producing Plans for Actionable Science	Chip	Deutsch
	2:00 PM	The potential for conservation grazing in coastal uplands of the northern Gulf of Mexico coast	Eric	Sparks
	2:15 PM	A Collaborative Approach to Fish Habitat Conservation Through Co-Produced Science	Courtney	Saari
	2:30 PM	Lessons Learned in the Co-Production of Improved Fisheries Management Advice in the Gulf of Mexico	Nathan	Vaughan
	2:45 PM	Seagrass Conservation through Actionable Research: Management Areas for the Prevention of Scarring (SCAR MAPS)	Savanna	Barry
33.3	3:30 PM	Synthesis Efforts in the Gulf of Mexico	Jenn	Summers
	3:45 PM	Developing a spatial-temporal ecosystem model for examining climate and fisheries interactions in the Gulf of Mexico	Holden	Harris
	4:00 PM	Gulf Ecosystem Initiative: Supporting synthesis research in the Gulf of Mexico	Hannah	Brown
	4:15 PM	Gulf Ecosystem Initiative Panel: Holden Harris, Mai Fung, and Paul Montagna		
	4:45 PM	Wrap up and discussion of next steps		

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	34. Water quality in the Gulf of Mexico and its estuaries: status and trends, data needs and cross-system syntheses	124

Session #	TIME	Abstract.Title	First Name	Last Name
34.1	10:30	Tools to Synthesize Water Quality Data	J	Bousquin
	10:45	Development of a generalized pseudo-probabilistic approach for characterizing ecological conditions in estuaries using secondary data	L	Harwell
	11:00	Strength in Numbers: Improving Data Accessibility and Quality Assurance to Better Understand Water Quality Trends Across Florida and Beyond	J	Lee
	11:15	Compilation and Analysis of a Unified Water Quality Monitoring Database across Florida's Coral Reef	D	Kochan
	11:30	A Tale of Three Datasets: Diagnosing Thermal Stress in Tampa Bay	M	Beck
	11:45	Monitoring Across Borders - Filling Gaps in a Data Poor Boundary Estuary	A	Croteau
	12:00	Baseline of Microplastics in Sediment of Tampa Bay, FL	T	Nesvold

<u>Date</u>	<u>Session Title</u>	<u>Room Number</u>
Wednesday February 21, 2024	34. Water quality in the Gulf of Mexico and its estuaries: status and trends, data needs and cross-system syntheses	124

Session #	TIME	Abstract.Title	First Name	Last Name
34.2	1:30	Real Time Monitoring of Water Quality With an Autonomous Surface Vessel in a Coastal Estuary	G	Turnage
	1:45	Precipitation, Runoff and Land Management Decisions on Nutrient Fluxes to the Gulf of Mexico	N	Aloysius
	2:00	Water Quality Status and Trends in Texas Estuaries	M	Wetz
	2:15	Recent Advances in the Understanding, monitoring, and modeling of the Yucatán Peninsula Costal Aquifer and its interaction with the Coastal Ocean	R	Castro
	2:30	Temporal and Spatial Variation of Fecal Coliform Sources in the Grand Bay National Estuarine Research Reserve	A	Free
	2:45	Microbial Source Tracking of Fecal Pollution in a Subtropical Estuarine Lake	J	Alarcon
	3:00	Microplastics Concentrations in Surface Waters of Tampa Bay, FL	R	Queally