

WEDNESDAY, Sept. 21

Time	Description	SPEAKER	TITLE
8:00	Registration		
9:00	Welcome- Ed Buskey	Ed Buskey	WELCOME
9:15	Habitats & Ecosystems-Oysters	Jacob Harris	To tong or not to tong: comparing gear types for measuring oyster density on degraded and restored reefs
9:30	Habitats & Ecosystems-Oysters	Margaret Wheat-Walsh	A Comparison of Hydraulic Patent Tongs and Oyster Dredges for Monitoring Oyster Reefs in the Mission- Aransas Estuary
9:45	Habitats & Ecosystems-Oysters	Zachary Olsen	Assessing the Sensitivity of Oyster Sampling Metrics to Reef Structure: Accounting for Ecosystem Services in Oyster Management
10:00	Habitats & Ecosystems-Oysters	Chengxue Li, Hui Liu	Fostering Restoration of Oyster Populations Under Impacts of Climatic Disasters in Texas Estuaries
10:15	Break		
10:30	Environmental & Water Quality	Kaiya Shealy	NOx source apportionment in a coastal urban air shed using stable isotope techniques
10:45	Environmental & Water Quality	Hang Yin	Electric currents in the sediment: alkalization of seawater by cable bacteria
11:00	Environmental & Water Quality	José Ernesto Sampedro-Avila	The aggregation of riverine dissolved organic matter exposed to seawater depends on its chemical character and the hardness of the freshwater.
11:15	Environmental & Water Quality	Kaijun Lu	Dissolved organic matter concentration and composition of Mission-Aransas National Estuary Research Reserve
11:30	Environmental & Water Quality	Edward Buskey	Effects of drought, pulsed freshwater inflows and nutrients imported from the Gulf of Mexico on primary production and water quality in the Mission-Aransas Estuary.
11:45	Lunch		
1:00	Invited Speaker	Dakus Geeslin	Winter Storm Uri impacts and Managing for Recovery of Spotted Seatrout in Texas
1:30	Extreme Weather Impacts	Jennifer Gilmore	Ecological response of benthic macrofauna and black drum trophic dynamics following Winter Storm Uri in Baffin Bay, Texas
1:45	Extreme Weather Impacts	Donna J. Shaver	Green Sea Turtle (<i>Chelonia mydas</i>) Hypothermic Stunning in Texas
2:00	Extreme Weather Impacts	Lee A. Fuiman	Drought Effects on a Marine Food Web Revealed by Composition of Fish Eggs
2:15	Break		
2:30	Extreme Weather Impacts	Jemerson P James	Ensemble estimates of Multivariate Coastal Risk
2:45	Extreme Weather Impacts	C. Edward Proffitt	Winter storm Uri (Feb. 2021) produced a gradient of impacts to vegetation and sediment in Texas coastal wetlands over a latitudinal gradient from Boca Chica to Port O'Connor
3:00	Extreme Weather Impacts	Donna J. Devlin	Effects of Winter Storm Uri on <i>Avicennia germinans</i> recruitment along the Texas Coast
3:15	Extreme Weather Impacts	Jacob Doty	Black Mangrove Seedlings Response to an Extreme Disturbance Event
3:30	Extreme Weather Impacts	Melinda Martinez	Black Mangrove Dieback Following an Extreme Freeze Event – February 2021
3:45	Extreme Weather Impacts	Kyeong Park	Retention and pathway of pollutants released to Galveston Bay during Hurricane Harvey using Lagrangian particle tracking
4:00	Poster Session		
6:00	Social Event		

THURSDAY, Sept. 22

Time	Description	SPEAKER	TITLE
8:00	Registration		
8:30	Water Quality	Jack Lloyd	A Spatio-Temporal Analysis of Polycyclic Aromatic Hydrocarbons in Mission-Aransas NERR and Matagorda Bay Sediments
8:45	Habitat Restoration &	Quinn McColly	Focused Flows: Environmental Water for Coastal Habitat
9:00	Habitat Restoration &	Charlie Belaire	Update on Little Bay Restoration Initiative
9:15	Habitat Restoration &	Hayden Smith	Marsh Restoration, Seagrass Protection, and Bird Island Creation Through the Beneficial Use of Dredged Material
9:30	Habitat Restoration &	Katie Swanson	The Texas Gulf Region CMWA: Eight Years of Lessons and Successes
9:45	Habitat Restoration &	Randy Bissell	Landscape & Geologic History of Oso Bay Wetlands Preserve
10:00	Break		
10:15	Fish & Fisheries	Jenny Wrast Oakley	Distribution, Density, and Habitat Association of the Dwarf Seahorse (<i>Hippocampus zosterae</i>) in Texas
10:30	Fish & Fisheries	Joseph Kuntz	Comparing diversity of estuarine-dependent nekton between Aransas Pass and Packery Channel inlets
10:45	Fish & Fisheries	Caroline Matkin	Role of Calcium Channels in Sperm Motility in Southern Flounder (<i>Paralichthys lethostigma</i>)
11:00	Fish & Fisheries	Kerri Lynn Ackerly	Toxicity of 6PPD-quinone among estuarine fishes through development
11:15	Fish & Fisheries	Jeremy T. McCulloch	The Influence of Depth and Season on the Nearshore Community of the Texas Gulf of Mexico
11:30	Fish & Fisheries	Marybeth Weihbrecht	Characterizing Fish Assemblages and Red Snapper Growth/Movement at Various High- and Low-Profile Artificial Reef Configurations
11:45	Fish & Fisheries	Phil Souza	TBD
12:00	Lunch		
1:00	Habitats & Ecosystems	Laura C. Feher	Surface Elevation Change Dynamics in Texas Coastal Marshes: Assessing the Effects of Rising Sea-Levels and Intensifying Hurricanes
1:15	Habitats & Ecosystems	Kyle A. Capistrant-Fossa	Sunlight steers seagrass succession in super salty Laguna Madre (TX, USA)
1:30	Habitats & Ecosystems	Colby Cushing	Long-term monitoring of seagrass meadows using acoustical methods
1:45	Habitats & Ecosystems	Alexander R. Sharp	Patterns of space use and habitat selection of Little Blue Herons wintering in Gulf Coast Wetlands.
2:00	Habitats & Ecosystems	Aaron Baxter	Identification of diamondback terrapin nesting beaches in two Texas estuaries
2:15	Invert. Ecology	Jillian Swinford	Environmental trends of black gill disease (<i>Hyalophysa lynni</i>) in penaeid shrimp on the Texas Gulf Coast
2:30	Invert. Ecology	Parvathi Nair	Tracing exploitation of egg boons in marine invertebrates using fatty acids and stable isotopes
2:45	Break		
3:00	Policy & Economics	Arsum Pathak	Science-based assessments for coastal resilience
3:15	Policy & Economics	Evan L. Turner	Developing a Texas-Wide Estuarine Survey to Identify Drivers of Hydrography and Water Quality
3:30	Policy & Economics	James A. Dodson	Water Management in the Coastal Bend Region -- A Brief History and Some Thoughts on the Future with Regard to Freshwater Inflows
3:45	Policy & Economics	K.G. Teague	Draft EIS for the Proposed Corpus Christi Ship Channel Deepening Project- Observations Regarding Compliance with NEPA and CWA Section 404(b)(1) Guidelines
4:00	End.		

