

Poster Session Directory: Thursday November 8, 5:30-7:00pm

Poster #	WATER QUALITY	
1	Melissa Rae McCutcheon ; Xiping Hu	Temporal variability and driving factors of the carbonate system in the tidal inlet of a semiarid estuary
2	Katerina Smyth ; Jane Caffrey	Short term variability in water quality In Indian Bayou
3	Grace Lily Sommerville ; Jane Caffrey	Spatial and temporal variability in water quality in three urbanized bayous of the Pensacola Bay System, Escambia County, Florida, USA
4	Anna Katharyne Millender	Apparent oxygen utilization of Bear Point Bayou
PLANKTON		
5	Rachel Windham ; Kirana Berich; Katie Bowers; Tyra Booe; Hannah Lee; Allyson Lucchese; Amelia McAmis; Allison McInnes; Jamie Steichen; Antonietta Quigg	Extreme weather effects on phytoplankton community composition in Galveston Bay, Texas: visualizing ecosystem response
6	Amelia K McAmis ; Jamie L. Steichen; Antonietta Quigg	The effects of Hurricane Harvey on the phytoplankton community in Galveston Bay
7	Tiffany L. Chin ; Michael S. Wetz; Kenneth C. Hayes	Spatial-temporal distribution of size-fractionated chlorophyll in three estuaries of the Texas coast with different freshwater inflow regimes
8	Savannah A. Mapes ; Manoj Kamalanathan; Meng-Hsuen Chiu; Hernando Bacosa; Kathy Schwehr; Shih-Ming Tsai; Shawn Doyle; Alexandra Yard; Carlos Vasequez; Laura Bretherton; Jason Sylvan; Peter Santschi; Wei-Chun Chin; Antonietta Quigg	Role of diatom polysaccharide synthesis in diatoms and the associated bacterial in response to hydrocarbon exposure
9	Hans Joseph Prevost ; Mrunmayee Pathare; Beth A Stauffer	Comparison of seasonal abundances of pico- and nanoplankton in a South Louisiana estuary
SEAGRASS		
10	Victoria Henry ; Donald Fontenot; Barbara Albrecht; Rick O'Conner; Christina Verlinde; Jane Caffrey	Seagrass monitoring in the Pensacola Bay System: A partnership between citizens and the University of West Florida
11	Caitlin Mackenzie Young ; Victoria M. Congdon; Kenneth H. Dunton	Response of <i>Thalassia testudinum</i> to physical disturbance of Hurricane Harvey
12	Patricia Aileen Janssen ; Lauren A Yeager; Kenneth H Dunton; Victoria M Congdon	Effects of a high-intensity disturbance event, Hurricane Harvey, on the biodiversity of seagrass epifauna in the Mission-Aransas estuary
13	Sara S. Wilson ; Bradley T. Furman; Margaret O. Hall; James W. Fourqurean	Long-term monitoring programs allow for assessment of Hurricane Irma impacts to South Florida seagrass communities
14	Ivy M. Hinson ; Christopher A. Gabler; Abdullah F. Rahman	Developing remote imaging methods for seagrass bed and soil carbon assessment
15	Sebastian Rubiano-Rincon ; Ashley Hamilton; Patrick D. Larkin	A genetic analysis of the seagrass <i>Halodule wrightii</i> from Oso Bay, Texas

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MARSH/MANGROVE/WETLANDS/RESTORATION		
16	Emily Jordan Smith; Amanda Essoh; Jordan Denis Snowden; Matthew P. Hoch	Geochemical evaluation of salt marsh elevated with Best Use Dredge Material in Southeast Texas
17	Rachael Marie Glazner; Anna R. Armitage	Do black mangrove and salt marsh vegetation provide different prey refuge values?
18	Harris B. Stevens; William C. Vervaeke; Mark W. Hester	A tidal mesocosm investigation elucidating the role of belowground warming on <i>Spartina alterniflora</i> and <i>Avicennia germinans</i> species interactions and growth responses
19	Jamie E. Thompson; Anna R. Armitage	The rate and trajectory of black mangrove (<i>Avicennia germinans</i>) recovery from a severe freeze event in Galveston, Texas
20	Erin A. Miller	Shoreline stabilization potential of restored oyster reefs in Galveston Bay, Texas
21	Kerri M. Crawford; Michelle H. Bush; Hannah Locke; Noah C. Luecke	Effects of microbial amendments and plant diversity on dune restoration
22	Lauren M. Hutchison; Kara Coffey; Jill Hamilton; Sara Mason; Lydia Olander; Chris Shepard; Heather Tallis; Katie Warnell; Katya Wowk; David Yoskowitz	Ecosystem service logical models and metrics for Gulf restoration: Linking project outcomes to economic, health, and wellbeing benefits for people
23	Rachel E. Sanchez-Ruffra; Marc H. Hanke	A black death? Can relic oyster shell be used in restoration efforts?
NEKTON/INVERTEBRATES		
24	Amanda Michelle Kincke-Tootle; Kevin Briggs	Polychaetes tubes, turbulence, and erosion of fine-grained sediment
25	George Guillen; Marc Mokrech	Mapping intertidal oyster reefs using side-scanning sonar and drone systems
26	Justin Ray Hansen; Jenny Oakley; Stephen Curtis; George Guillen	Hunting for the elusive American Eel along the Texas Coast
27	Elaine Mae Kurr; Paul A. Montagna	Focused flows for natural hatcheries in Texas estuaries
28	David P. Behringer; James A. Nelson	Assessing utilization of an artificial reef complex and broad-scale movement patterns of juvenile red drum in lower Barataria Bay, Louisiana
29	Ashley Frith; Kristín Björnsdóttir-Butler; Ruth H. Carmichael	Environmental drivers of histamine-producing bacteria in water samples and decomposing Spanish mackerel tissues
30	Taylor Clement; Taylor Clement; Allen Schaefer; Jennifer M. Hill	Do sub-lethal amounts of pesticides alter the foraging and behavior of periwinkle snails (<i>Littoraria irrorata</i>)?
31	Allen D. Schaefer Jr.; Taylor E. Clement; Nathan C. Hammond; Jennifer M. Hill	Can low doses of pesticides alter trophic interactions? The impacts of Carbaryl on blue crab (<i>Callinectes sapidus</i>) behavior and foraging

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OIL		
32	Kimberly Michelle Peter; Ruth H. Carmichael	Eastern oysters (<i>Crassostrea virginica</i>) as retrospective bioindicators to detect oil contamination in the marine environment
33	Jennifer Lynne Genzer; Jennifer Lynne Genzer, Antonietta Quigg	Potential impacts of ocean acidification on diatom aggregation when exposed to crude oil
34	Jessica Hillhouse; Talia Rodkey; Antonietta Quigg	Effects of silica starvation on diatom <i>Phaeodactylum tricornutum</i> in the presence of oil and surfactant
35	Noah Joseph Claflin; Manoj Kamalanathan, Jessica Hillhouse, Antonietta Quigg	Role of exoenzymes in marine snow formation in presence of oil and dispersant
36	Rachel L. Mugge; Melissa L. Brock; Jennifer L. Salerno; Melanie Damour; Robert A. Church, Jason Lee; Leila J. Hamdan	The interaction of biofilm microbiomes, historic shipwreck preservation and the Deepwater Horizon spill
37	Zhanfei Liu; Zucheng Wang; Xianbiao Lin; Kaijun Lu; Sarah Douglas; Jianhong Xue; Amber Hardison	The impact of Hurricane Harvey on polycyclic aromatic hydrocarbons and alkanes in surface sediments of Aransas and Copano Bays in south Texas