

**Friday, November 9: Morning**

<b>8:00-5:00</b>		<b>Registration open: ASEC 2nd floor lobby</b>	
<b>9:00-10:00</b>		<b>PLENARY - MARCUS DRYMON "Gulf of Mexico Fisheries Through Time: Modern Approaches for Tracking Ancient Fishes": ASEC 203</b>	
<b>10:00-10:30</b>		<b>BREAK: ASEC 201/202</b>	
		<b>Session 7: ASEC 204</b>	<b>Session 8: ASEC 205</b>
<b>10:30-12:00</b>		<b>RESTORATION (Moderator: Christian Hayes)</b>	<b>BENTHIC (Moderator: Marc Hanke)</b>
	<b>10:30</b>	ASSESSMENT OF FOOD WEB RECOVERY FOLLOWING RESTORATION USING HYPERVOLUME ANALYSIS. <b>W. Ryan James</b> ; James A Nelson	BOTTOM-UP EFFECTS OF A CHANGING COASTAL WETLAND LANDSCAPE ON <i>UCA</i> SPP. IN THE GULF OF MEXICO. <b>Janelle A. Goeke</b> ; Anna Armitage
	<b>10:45</b>	FACTORS INFLUENCING THE ALKALINITY OF A SOUTH TEXAS ESTUARY. <b>Larissa M. Dias</b> ; Xinping Hu; Dorina Murgulet	PHYLOGEOGRAPHY AND SPECIES DELIMITATION REVEALS CRYPTIC DIVERSITY AND THE IMPACTS OF THE MISSISSIPPI RIVER FORMATION ON A SAND-BURROWING CRUSTACEAN. <b>Zachary B. Hancock</b> ; Jessica E. Light; Mary K. Wicksten
	<b>11:00</b>	COMPARISON OF GENETIC DIVERSITY OF THE GULF KILLIFISH ( <i>FUNDULUS GRANDIS</i> ) BETWEEN RESTORED AND NATURAL <i>SPARTINA</i> SALT MARSHES IN GALVESTON BAY, TEXAS. <b>G. Janelle Espinoza</b> ; Jaime R. Alvarado Bremer	EXPLORING THE MICROBIAL LOOP: TROPHIC INTERACTIONS BETWEEN MICROZOOPLANKTON AND PHYTOPLANKTON IN EUTROPHIC AND OLIGOTROPHIC WATERS OF THE NORTHERN GULF OF MEXICO. <b>Mrunmaye G. Pathare</b> ; Hans J. Prevost; Beth A. Stauffer
	<b>11:15</b>	EVALUATING PRIMARY PRODUCTIVITY AND RESPIRATION ON ARTIFICIAL REEFS USING BIOFILM SAMPLERS. <b>Beija Gore</b> ; Florian Cesbron; Kendra Brooks; William Patterson; Jane Caffrey	A META-ANALYSIS OF OYSTERS AND ORGANIC MATTER SOURCES IN THE NORTHWESTERN GULF OF MEXICO USING STABLE ISOTOPES. <b>Danielle Aguilar</b> , Jennifer Pollack; Megan La Peyre; Benoit Lebreton
	<b>11:30</b>	OYSTER REEF RESTORATION: INFLUENCE ON OYSTER RECRUITMENT AND HEALTH, BENTHIC INFAUNA, AND REEF-ASSOCIATED MACROFAUNA. <b>Meghan J. Martinez</b> ; Terry A. Palmer; Jennifer B. Pollack	EASTERN OYSTER ( <i>CRASSOSTREA VIRGINICA</i> ) SETTLEMENT AND POPULATION CONNECTIVITY IN A FRESHWATER DOMINATED ESTUARY. <b>Haley N. Gancel</b> ; Ruth H. Carmichael
	<b>11:45</b>	OYSTER REEF RESTORATION LEADS TO FAUNAL PRODUCTION ENHANCEMENT IN MATAGORDA BAY, TEXAS. <b>Abby E. Williams</b> ; Terence A. Palmer; Jonathan H. Grabowski; Jennifer B. Pollack	EARLY RECRUITMENT OF <i>CRASSOSTREA VIRGINICA</i> TO RESTORED AND HISTORIC OYSTER REEFS IN THE WESTERN MISSISSIPPI SOUND: LARVAL SUPPLY AND POST-SETTLEMENT SUCCESS. <b>Leah M. Morgan</b> ; Chet F. Rakocinski
<b>12:30-1:30</b>		<b>LUNCH ON SITE (provided): Waterfront Pavilion</b>	

**Friday, November 9: Early Afternoon**

		<b>Session 9: ASEC 204</b>	<b>Session 10: ASEC 205</b>
<b>1:15-2:45</b>		<b>HURRICANE 1 (Moderator: Jamie Steichen)</b>	<b>OFFSHORE GULF/OIL (Moderator: Megan La Peyre)</b>
	<b>1:15</b>	SUMMARIZING THE ENVIRONMENTAL IMPACTS OF HURRICANE HARVEY. <b>Erin L. Kinney</b> ; Stephanie Glenn; Bill Bass; Qian Song	FROM LARGEST TO FOURTH SMALLEST: SIZE OF NORTHERN GULF OF MEXICO 'DEAD ZONE'. <b>Nancy N. Rabalais</b> ; R. Eugene Turner
	<b>1:30</b>	RESPONSES OF PHYTOPLANKTON COMMUNITIES TO HURRICANE HARVEY IN THE NORTHWESTERN GULF OF MEXICO. <b>Gulce Kurtay</b> ; Beth A. Stauffer	PATTERNS IN PHYTOPLANKTON AND BENTHIC PRODUCTION ON THE SHALLOW CONTINENTAL SHELF IN THE NORTHEASTERN GULF OF MEXICO. <b>Jane M. Caffrey</b> ; Florian Cesbron; Michael C. Murrell; Melissa E. Hagy; Wade H. Jeffrey; William F. Patterson III
	<b>1:45</b>	IMPACT OF HURRICANE HARVEY ON PHYTOPLANKTON COMMUNITIES IN THE MISSION-ARANSAS ESTUARY, TX. <b>Elizabeth A. Schattle</b> ; Amber K. Hardison; Zhanfei Liu; Sarah V. Douglas; Hengchen Wei; Jianhong Xue	HOW ARE ZOOPLANKTON ABUNDANCE AND DISTRIBUTION INFLUENCED BY THE LOOP CURRENT AND MISSISSIPPI RIVER PLUME? <b>Jillian Gilmartin</b> ; Hui Liu
	<b>2:00</b>	PHYTOPLANKTON DYNAMICS IN A SHALLOW RIVER DOMINATED ESTUARY: EFFECT OF WATER COLUMN STRATIFICATION ON SIZE DISTRIBUTION AND TAXONOMIC COMPOSITION. <b>Michael C Murrell</b>	MODELING JELLYFISH POPULATION DYNAMICS IN THE NORTHERN GULF OF MEXICO. <b>Chengxue Li</b> ; Hui Liu
	<b>2:15</b>	EFFECTS OF HURRICANE HARVEY ON LARVAL FISH DISTRIBUTION IN THE GULF OF MEXICO. <b>Shannan McAskill</b> ; Michelle Bromschwig; Simon Geist	QUANTITATIVE ANALYSIS OF TIDAL EDDIES FOR OPERATIONAL OIL SPILL MODELS. <b>Dongyu Feng</b> ; Ben R. Hodges
	<b>2:30</b>	SUBMERGENCE, NUTRIENT ENRICHMENT, AND TROPICAL STORM IMPACTS ON SPARTINA ALTERNIFLORA IN THE MICROTIDAL NORTHERN GULF OF MEXICO. <b>Jennifer M. Hill</b> ; Peter Petraitis; Kenneth L. Heck Jr.	IDENTIFICATION OF BIOCHEMICAL PATHWAYS CONTRIBUTING TO OIL TOLERANT ABILITY OF <i>DUNALIELLA TERTIOLECTA</i> . <b>Manoj Kamalanathan</b> ; Savannah Mapes; Jessica Hillhouse; Laura Bretherton; Hernando Bacosa; Antonietta Quigg
<b>2:45-3:15</b>		<b>BREAK: ASEC 201/202</b>	

**Friday, November 9: Late Afternoon**

		<b>Session 11: ASEC 204</b>	<b>Session 12: ASEC 205</b>
<b>3:15-4:45</b>		<b>HURRICANE 2 (Moderator: Jamie Steichen)</b>	<b>MANAGEMENT/MONITORING (Moderator: Megan La Peyre)</b>
	<b>3:15</b>	WATER QUALITY VARIABILITY IN GALVESTON BAY, TX FOLLOWING THE EXTREME FLOODING EVENT CAUSED BY HURRICANE HARVEY. <b>Jamie L. Steichen</b> ; Rachel Windham; Jessica Labonté; David Hala; Karl Kaiser; Hernando Bacosa; Manoj Kamalanathan; Samantha Setta; Antonietta Quigg	SOURCES OF WATER QUALITY INDICATORS TO SHELLFISH GROWING AREAS IN THE NORTHCENTRAL GULF OF MEXICO. <b>Ruth Carmichael</b> , Ashley Frith; Kevin Calci
	<b>3:30</b>	INFLUENCE OF DROUGHT, PERIODIC STORM EVENTS, AND HURRICANE HARVEY ON PARTICULATE ORGANIC MATTER COMPOSITION IN A SUBTROPICAL TEXAS ESTUARY. <b>Sarah V. Douglas</b> ; Jianhong Xue; Amber K. Hardison; Zhanfei Liu	DEVELOPING A COASTAL HEALTH INDEX FOR THE NORTHERN GULF OF MEXICO. <b>Jenny W. Oakley</b> ; Frances Gelwick; Michelle Lawing; Anna Armitage; George Guillen
	<b>3:45</b>	ELUCIDATING MOLECULAR LEVEL INFORMATION OF DISSOLVE ORGANIC MATTER FROM SOUTH TEXAS RIVERS BEFORE AND AFTER HURRICANE HARVEY. <b>Kaijun Lu</b> ; Zahnfei Liu	CULTIVATING A CONSERVATION ETHIC: THE GALVESTON BAY REPORT CARD. <b>T'Noya W. Thompson</b>
	<b>4:00</b>	IMPACT OF HURRICANE HARVEY ON SEDIMENT BIOGEOCHEMISTRY IN THE MISSION ARANSAS ESTUARY, TEXAS. <b>Amber K. Hardison</b> ; Xianbiao Lin; Xin Xu; Kaijun Lu, Sarah V. Douglas; Jianhong Xue; Zhanfei Liu	MAKING MONITORING MATTER: BREAKING DOWN BARRIERS TO INTERDISCIPLINARY COLLABORATION IN THE HOUSTON-GALVESTON AREA. <b>Sarah Gossett</b> ; Lindsey Nolan
	<b>4:15</b>	HAS SUBSIDENCE WITHIN THE UPPER REACHES OF GALVESTON BAY RESULTED IN ELEVATED TRAPPING OF CONTAMINATED SEDIMENT FROM THE FLOODWATERS OF HURRICANE HARVEY? <b>Timothy M. Dellapenna</b> ; Victoria Bartlett; Mason Bell; Lisa Hill, Mohammad al Mukaimi	GULF OF MEXICO COASTAL SCIENCE AND COASTAL MANAGEMENT: TEACHABLE MOMENTS FROM A LONG, DISAPPOINTING CAREER. <b>Kenneth G. Teague</b>
	<b>4:30</b>	DRAMATIC ESTUARINE RESPONSE TO HURRICANE HARVEY: OBSERVATIONAL AND NUMERICAL APPROACHES. <b>Jiabi Du</b> ; Kyeong Park; Timothy M. Dellapenna	REVERSING WETLAND DEATH FROM 76,000 CUTS: OPPORTUNITIES TO RESTORE LOUISIANA'S DREDGED CANALS. <b>R. Eugene Turner</b> ; Giovanna McClenachan
<b>4:45-5:45</b>		<b>RAFFLE &amp; BUSINESS MEETING: ASEC 203</b>	
<b>6:30-9:00</b>		<b>STUDENT AWARDS &amp; BANQUET (OFF-SITE)</b>	