

WEDNESDAY, NOVEMBER 10

	Harbor 1 Room, Marriott	Johnson A Room, Hilton	Johnson B Room, Hilton	Latrobe Room, Hilton	Peale A, Hilton	Peale C, Hilton	Promenade, Marriott	Ruth Room, Hilton	Stadium 1 Room, Marriott	Stadium 4 Room, Marriott	University 2, Marriott
	Climate-resilient fishing communities	Highlighting Fisheries Successes along the Atlantic Coast	Contributed Papers: Freshwater fish ecology	Fish Welfare	Contributed Papers: Freshwater fishery management	Shifting angler dynamics in relation to the COVID-19 pandemic	The craft of communicating climate change: climate ambassador perspectives	Fish passage through the ages - historical approaches, current innovations, and future opportunities	Contributed Papers: Hatcheries and fish health	Contributed Papers: Fish genetics	Ecological forecasting: bridging fish, ecosystems, weather, water, climate and communities
8:00 AM	Adapting to climate-driven species shifts: a typology of fishermen's behavioral responses and ada... <i>Smith, Sarah</i>		A Unified Model of Walleye Recruitment <i>Krabbenhoft, Corey</i>		Big fish in a little tank: Blue Catfish stress in livewells <i>Kramer, Nick</i>	COVID-19 influences on US recreational angler behavior	AFS Climate Ambassador Program: Shaping the Climate Narrative <i>Winters, Drue</i>	High-speed Video Analysis of Simulated Turbine Blade Strikes to Determine the Effects of Fish Bod... <i>Amaral, Stephen</i>	Effects of ecologically relevant levels of glochidia infestation on metabolic rate and hypoxia to... <i>Horne, Lindsay</i>	Low coverage whole genome sequencing reveals molecular markers for spawning season and sex identi...	Habitat Modeling for Invasive Lionfish in the Gulf of Mexico Using a Bioenergetics-Based Growth M... <i>Bauer, Hanna</i>
8:20 AM	Encouraging More Climate-Resilient Commercial Fishing Ports in New Jersey <i>Zemeckis, Douglas</i>	More than just fish ages: Massachusetts Division of Marine Fisheries age and growth project <i>Elzey, Scott</i>	Recruitment of Smallmouth Buffalo in the Upper Mississippi River System <i>Maxson, Kristopher</i>		An assessment of age, growth, and otolith chemistry for White Catfish in the Penobscot River, Maine <i>Whittum, Kory</i>	Angler compliance with in Rockfish Conservation Areas in British Columbia, Canada, in response to... <i>Venturelli, Paul</i>	My "And, But, Therefore" Journey: Exploring A Framework for Clear, Compelling Communication <i>Guo, Lian</i>	DOCUMENTED IMPROVEMENTS IN FISH PASSAGE IN THE LOWER PATAPSCO RIVER FOLLOWING BLOEDE DAM REMOVAL <i>Harbold, William</i>	Using dispersal data to optimize egg planting strategies for Atlantic Salmon <i>Atkinson, Ernest</i>	Highly variable supergenes dominate genetic patterns of Atlantic Cod in the northwestern Atlantic... <i>Pavey, Scott</i>	Cyberinfrastructure for Near Real-time Water Quality Forecasting in Lakes and Reservoirs <i>Figueiredo, Renato</i>
								Contributed Papers: Fish passage			
8:40 AM	A social-ecological examination of seasonal dynamics in the Maine lobster fishery <i>Fitting, Emily</i>	Juvenile finfish relative abundance surveys in Maryland's Coastal Bays <i>Weedon, Craig</i>	Investigating Recruitment Patterns Among Upper Mississippi River Fishes <i>Muehler, Aaron</i>		Investigation of the Efficacy of Electrified Benthic Trawl on Young of Year Ictalurids in Varying... <i>Shaffer, Cassy</i>	Identifying motivations and barriers for Texas anglers who first purchased a license during the C... <i>Schlechte, Warren</i>	Storytime for Scientists <i>Donovan, Shaun</i>	Assessment of Atlantic Salmon Smolt Injuries during Emigration from 5 Maine Rivers from 1998-2019 <i>Gerrior, Jack</i>	Egg quality and the timing of broodstock diet shifts in southern flounder ( <i>Paralichthys lethostigma</i> ) <i>Bailey, Hunter</i>	Complex introgression among three diverged largemouth bass lineages <i>Silliman, Katherine</i>	Climate-ready and resilient fisheries: using satellite data to conserve and manage life in the <i>Farchadi, Nima</i>

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9:00 AM	Mind the trap: climate resilience and risks of rigidity in Iceland's fisheries <i>Mason, Julia</i>	The Maine-New Hampshire Inshore Trawl Survey: Twenty-one years of data collection to support scie... <i>Etchison, Luke</i>	Historical French Broad River: What we lost, how we lost it, and how to get it back <i>Etchison, Luke</i>	The Sociality of Atlantic Sturgeon and Sand Tiger in Dynamic Bay Environments <i>Roose, Robert</i>	Catch and Size Structure Comparison of Fishes and Turtles in Hoop Nets Using Three Different Baits <i>Schaick, Samuel</i>	Changes in demographics and distribution of Wisconsin anglers during the COVID-19 pandemic <i>Trudeau, Ashley</i>	All the Small Things: The Importance of Communicating About Plankton for Fisheries Science <i>Burns, Corinne</i>	Exploring movement patterns <i>Chavez, Martinique</i>	Gonadal differentiation and effects of estradiol-17β on the survival, growth, and sex reversal of... <i>Teal, Chad</i>	Building Collections and Genomic Resources for Conservation of Imperiled Fishes <i>Turner, Thomas</i>	Integrating Marine and Coastal Natural Capital into Ecological Forecasting: Challenges and Opport... <i>Rouleau, Tracy</i>
9:40 AM		Peconic Bay Trawl Survey – How Federal Aid Supports Projects that Improve Fisheries Sustainabilit... <i>Nunnenkamp, Paul</i>	Floodplain trophic subsidies in a modified river network: Managed foodscapes of the future? <i>Ogaz, Mollie</i>	In-pond raceway system technology improves production, growth, survival and profile of fatty acid... <i>Fatima, Shafaq</i>	Seasonal Movement Patterns and Use of Thermal Refuge for Muskellunge ( <i>Esox masquinongy</i> ) in the no... <i>Henesy, Joshua</i>	COVID-19 Pandemic influences on Iowa fishing license sales <i>Kopaska, Jeffery</i>	Using art to inspire wonder, introspection and conservation action <i>Killeen, Helen</i>	Dam Removal in 3D: Application of Stage 0 Design to Dam Removal <i>Wildman, Laura</i>		Comparison of environmental DNA and snorkel surveys for monitoring fish distributions in rivers <i>Shaffer, Jason</i>	
						<b>Highlighting effective engagement in fisheries management</b>					
10:00 AM		Long-term Monitoring of American Shad, Alewife, and Blueback Herring in the Virginian Tributaries... <i>McGrath, Patrick</i>		Assessment of production, growth, profile of amino acids and fatty acids in Tilapia ( <i>Oreochromis</i> ... <i>Janjua, Raja Shahnawaz</i>	Quantifying Muskellunge Catch-and-Release Mortality in Stonewall Jackson Lake <i>Jenkins, Peter</i>	Making science and research relevant for effective fisheries management: Three case studies from ... <i>Morley, Danielle</i>	Incorporating land-based knowledge into the climate change discussion <i>Weinstein, Spencer</i>	A genetic evaluation of dam impacts on Sauger ( <i>Sander canadensis</i> ) movement patterns in the Arkans... <i>Jonagan, Emily</i>		Development of an Environmental DNA (eDNA) Assay to Delineate the Distribution of the Imperiled S... <i>Walker, Adam</i>	

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10:20 AM		Striped Bass ( <i>Morone saxatilis</i> ): Long Term Monitoring and Management of New York's State Saltwater... <i>Best, Jessica</i>		Presence of Statin and Beta-blocking Agents in West Virginia Surface Waters and sub-lethal Impact... <i>Kingsbury, Joseph</i>	Distribution and movements of catostomids in a river-reservoir complex and susceptibility to tour... ZENTNER, DOUGLAS	Fisheries and Aquaculture Biodiversity in India: Economic Potentials and Environmental Concerns <i>Muthiah, Muruganandam</i>	The North Atlantic right whale and changing ocean conditions <i>Baumwell, Leah</i>	Bigmouth Buffalo Movement and Habitat Overlap with Paddlefish and Bigheaded Carp <i>Sea, Bryan</i>			
				<b>Shifting a paradigm Whitewater Parks and Biota</b>		<b>Contributed Papers: Stakeholder engagement</b>		<b>Getting It Right: Advancing Successful Supplementation for Recovery, Rec, and Restoration</b>			
1:20 PM		Artificial Reefs of Delaware – we built them, did they come? <i>Newlin, Scott</i>		Keynote	A meta-analysis of shoreline angling metrics in large impoundment/tailwater systems in Kansas <i>Neely, Ben</i>	Bank Anglers have opinions, too. <i>Feltz, Jessica</i>		An Assessment of Relaxed Selection in Hatchery Populations of Pink and Coho Salmon by Analysis of... <i>Reich, Alexandra</i>			
1:40 PM				Whitewater River Parks - History and Design <i>McLaughlin, Richard</i>	Quantifying Catch-and-Release Mortality of James River, Virginia Muskellunge <i>Bauerlien, Cory</i>	Trust in Fisheries Science: Hard to Earn, Easy to Lose, Impossible to Regain <i>Rose, Kenneth</i>					
2:00 PM		Applying Impervious Surface Thresholds to Guide Fish Habitat Management <i>McGinty, Margaret</i>		Designing Whitewater Parks for Passage of Nonsalmonid Fishes <i>Ficke, Ashley</i>	A literature review of the effectiveness of harvest regulations to meet size structure goals. <i>Hill, Tommy</i>			Evaluation of saltwater quarries in the Florida Keys (FL) for the semi-wild mariculture of Caribb... <i>Glover, Samantha</i>			

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		<b>Fisheries resources in Chesapeake Bay: a view using an ecosystem lens</b>									
2:20 PM		Trading space for time: The Chesapeake Biological Laboratory's temporally-intensive juvenile fish... <i>O'Brien, Michael</i>		A guidance document for reviewing whitewater park projects <i>Kondratieff, Matthew</i>	NCIFD: An R Package for the Inland Fisheries Division of the North Carolina Wildlife Resources Co... <i>Wheeler, Powell</i>						
2:40 PM		Characterizing juvenile Atlantic Menhaden ( <i>Brevoortia tyrannus</i> ) distribution and schooling in sha... <i>Lankowicz, Katie</i>			Length-weight Relationship of Freshwater shrimps ( <i>Atya gabonensis</i> ) at River Mu, Benue State, Nige... <i>Jimoh, Taofeek</i>						
3:20 PM				How do the river and the people both win? <i>Bonitatibus, Tonya</i>	Population Structure of Gizzard Shad in the Upper Mississippi River <i>Ewigman, Elaine</i>						
3:40 PM				Economic Development Aspects of Ecosystem Restoration and Whitewater Project <i>Kinner, Edward</i>	Rainbow Trout Growth and Mortality on the Beaver Tailwater (White River) in Arkansas <i>Cunningham, Connor</i>						

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4:00 PM					Movement patterns of Striped Bass ( <i>Morone saxatilis</i> ) in a river-reservoir complex relative to ang... <i>Vaisvil, Alex</i>							
4:20 PM				Panel Discussion	Population Assessment of a Threatened Fish Species Using Remotely Operated Vehicle Technology and... <i>Snyder, Blaine</i>							