

TUESDAY, NOVEMBER 9

	Johnson A Room, Hilton	Johnson B Room, Hilton	Latrobe Room, Hilton	Peale A, Hilton	Peale B, Hilton	Peale C, Hilton	Promenade, Marriott	Ruth Room, Hilton	Stadium 1 Room, Marriott	Stadium 2 Room, Marriott	Stadium 3 Room, Marriott	Stadium 4 Room, Marriott	Stadium 5 Room, Marriott	University 1, Marriott	University 2, Marriott
	Interactions between offshore wind, fisheries, and fisheries resources	Contributed Papers: Freshwater fish ecology	Contributed Papers: Salmonid conservation	Ecological forecasting: bridging fish, ecosystems, weather, water, climate and communities	Back to the future of reservoir science and management: What have we learned in 50 years?	Managing for a RADical future: resisting, accepting and directing ecosystem transformation	Climate informed fisheries management	Fish passage through the ages - historical approaches, current innovations, and future opportunities	Contributed Papers: Hatcheries and fish health	Contributed Papers: Sharks and migratory fishes	Beyond species detection - leveraging eDNA to inform fisheries management and conservation	Retrospective and horizon scans for fish genetics/genomics	Diversity and Inclusion: a strategy to implement change for 2021 and beyond	Fisheries PEP talk - increasing diversity in our science	Ecological forecasting: bridging fish, ecosystems, weather, water, climate and communities
8:00 AM	Assessing economic impacts to the US commercial surfclam fishing industry from offshore wind ener... <i>Scheld, Andrew</i>	Habitat associations of Blotchsided Logperch (<i>Percina burtoni</i>) in the Little River, Tennessee and ... <i>Cary, Joshua</i>	Identifying the impacts of fine sediment and drought conditions on Brook Trout (<i>Salvelinus fontinalis</i>)... <i>Briggs, Emilee</i>	What is Ecological Forecasting? <i>Allen, Laurie</i>	Fish habitat issues in Iowa lakes versus reservoirs, and relationships with the fishery <i>Krogman, Rebecca</i>	Reservoir fisheries management is RAD! Resisting, accepting and directing riverine impoundment <i>Engman, Augustin</i>	Flatlined Flatfish? Status, Trends, and Fisheries Management of Southern Flounder in Texas. <i>Geeslin, Dakus</i>	Estimating Alewife Spawning Run Size By Incorporating Rates of Multi-Passage from PIT Tag Detection... <i>McCartin, Kellie</i>	What have we been stocking all these years? A genomic characterization of walleye strains in West... <i>Johnson, Andrew</i>	Primed and Cued: Linking Interannual and Seasonal Flow Dynamics to the Spawning Migrations of Com... <i>Massie, Jordan</i>	Introduction	MarineOmics: A new web resource for robust and reproducible genomic research in marine and aquati... <i>Silliman, Katherine</i>	A Retrospective and Broad Review of Diversity and Inclusion Efforts in AFS <i>Moffit, Christine</i>	Keynote	
8:20 AM	Development of a fishery owned knowledge trust and demonstration of its use in the assessment of ... <i>Manderson, John</i>	Dynamics of Fish-Habitat Relationships in the North Platte River-Lake McConaughy Interface <i>Cooke, Thyme</i>	Wildfire and Native Trout Recovery in Arizona <i>Beard, Zachary</i>		Balancing ecosystem complexity and effective management: deriving and understanding discrete rese... <i>Conroy, Joseph</i>	A RAD decision-making tool for walleye (<i>Sander vitreus</i>) management in Wisconsin <i>Dassow, Colin</i>	Reconciling conflicting relative abundance trends by accounting for changing ocean conditions <i>Hansell, Alex</i>	Downstream passage of American Eels (<i>Anguilla rostrata</i>) at a hydroelectric facility on the Roanok... <i>Krebs, Justin</i>	Population genetic and stock enhancement tools for conservation of the overfished white seabass, ... <i>Reiber, Ellen</i>	Atlantic halibut migratory behavior and stock mixing across the northwest Atlantic <i>Ransier, Krista</i>	The effect of movement, energy use, and species identity on environmental DNA shedding of fish <i>Thalinger, Bettina</i>	Promises and challenges for reusing pre-existing genomic sequencing data for fisheries research a... <i>Lou, Runyang Nicolas</i>	What White Guys Don't Know: Barriers to Minority Participation in Fisheries <i>Lochmann, Steve</i>	The PEP Model: Best Practices from the Woods Hole Partnership Education Program <i>Jearld, Ambrose</i>	AFS and AMS: Towards operationalization of ecological forecasting <i>Colton, Marie</i>

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8:40 AM	Considerations for Gear Standardization for Research and Monitoring in Offshore Lease Areas <i>Pol, Mike</i>	Field examination of altered stream temperatures on reproductive development of Johnny Darter <i>Eth... Adams, Catherine</i>	Microhabitat and Energetics of Juvenile Chinook Salmon in a Simulated Floodplain <i>Cech, Joe</i>		Reversing What Time has Taken Away: Mother Nature's Experiment with Cove Connection in Harlan Cou... <i>Wuellner, Melissa</i>	Conserving the Laurel Dace (<i>Chrosomus saylori</i>), a Federally Endangered Minnow <i>Fix, Shawna</i>	Comparative case studies of fisheries (re-)allocation processes under climate change <i>Tokunaga, Kanae</i>	Using Sensor Fish Transmitters as Proxies for Documenting Downstream Fish Passage Conditions at L... <i>Hugo, David</i>		High retention duration of pop-off satellite archival tags with sheepshead (<i>Archosargus probatoce...</i>) <i>Naisbett-Jones, Lewis</i>	Integrating physiology and environmental dynamics to operationalize environmental DNA (eDNA) as a... <i>Yates, Matthew</i>	Long-read genome resequencing ("LRG-seq") provides simultaneous estimation of SNPs, structural va... <i>Krabbenhoft, Trevor</i>	Outdoors is for Everyone: Creating an Inclusive and Safe Space in our Society for LGBTQ+ Members <i>Miles (she/her), Cassidy</i>	Diversity, Inclusion & U.S. Aquaculture <i>Black, Imani</i>	Ecological Forecasting Initiative: Building a Community of Practice <i>Dietze, Michael</i>
9:00 AM	Informing Wind Farm Layouts with AIS Data and Measured Trawl and Dredge Tracks <i>Drew, Stephen</i>	Development of a habitat model for an endemic leuciscid, the Sandhills Chub (<i>Semotilus lumbee</i>) <i>Herigan, Garrett</i>	Growth prior to ocean entry may provide a survival advantage to Columbia River Interior Spring Ch... <i>Norrie, Craig</i>		Beyond the 100th Meridian: A Case Study of the Complex Mechanisms By Which Drought-induced Drawdo... <i>McLaren, John</i>	Creating a Safe Operating Space for an Inland Recreational Fishery <i>Embke, Holly</i>	Simulating the impacts of climate change on blue crab (<i>Callinectes sapidus</i>) populations in New York <i>Molina, Adelle</i>	American eel passage through a small-scale fish-safe Restoration Hydro Turbine: Direct observatio... <i>Watson, Sterling</i>	Anatomy of a Successful Paddlefish Restoration Effort: A Case Study of Oologah Lake and the Verdi... <i>Gary, Ryan</i>	Where do Maine Atlantic Sturgeon go in the winter? <i>Zydlowski, Joseph</i>	Assessing the power of environmental DNA to predict Atlantic salmon (<i>Salmo salar</i>) population abun... <i>Morrison, Melissa</i>	Whole genome screening for diagnostic markers can dramatically increase both the accuracy and spa... <i>Therkildsen, Nina</i>	Terranaut Club: STEM and Nature Exploration for Girls+ <i>Quinn, Danielle</i>	Sea Grant Visioning & Actions to Incorporate Diversity, Equity and Inclusion <i>Ebbin, Syma</i>	Process-based forecasting of near-term range shifts in marine species <i>Fredston, Alexa</i>
9:20 AM													AFS Issues and Actions around DEI <i>Penaluna, Brooke</i>		Evolution and Advancements in Forecast Methodology for Alaskan Salmon Fisheries <i>Cunningham, Curry</i>
9:40 AM	The use of navigation simulators to gain experience operating in offshore wind farms <i>Sarro, Chris</i>	Complexity in mutualistic interactions between River chub and nest associates – Observations from... <i>Kemp, Mary</i>	Using acoustic telemetry to characterize predation on Atlantic salmon smolts. <i>Mensingher, Matthew</i>		Is reservoir water elevation and habitat availability a linear relationship? <i>Schriener, William</i>	Managing Watersheds and Riverscapes for Aquatic Ecosystem Resiliency in a Rapidly Urbanizing Priv... <i>Birdsong, Timothy</i>	Evaluating Alternative Harvest Control Rules for Gulf of Maine Cod in a Changing Climate <i>Mazur, Mackenzie</i>	Visualizing Success: The Importance of Visual Surveys for Evaluating and Developing Successful Ee... <i>Kiraly, Ian</i>		Refining capture-recapture recruitment estimation methods for Atlantic Sturgeon in the Altamaha R... <i>Baker, Michael</i>	Testing the waters for quantitative abundance: American Eels in the Bronx River <i>Chin, Sam</i>	Gene flow and spatial population structure of Brook Trout in a large headwater stream network in ... <i>Harris, Audrey</i>	Panel Discussion	Lessons Learned in Offering Same Program with a Different Delivery <i>Scott Price, Onjalé</i>	

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10:00 AM	Effective Stakeholder Engagement in Offshore Wind Energy Development: New York State's Fisheries ... <i>Brunbauer, Morgan</i>	Toothy Filter Feeder? Evidence of Alligator Gar Feeding on Zooplankton <i>Sallmann, Derek</i>	Genomic region associated with run-timing has similar haplotypes and phenotypic effects across th... <i>Willis, Stuart</i>		Does flow management result in less hospitable habitat for a parasite's intermediate host? <i>Daley, Taylor</i>	Developing a Framework for Managing Fish Species as they Cross Political Boundaries <i>Alofs, Karen</i>	Consequences of False Assumptions when Projecting Habitat Suitability: A Caution of Forecasting u... <i>Hodgdon, Cameron</i>	Predicting outmigration of American Eels (<i>Anguilla rostrata</i>) to improve downstream passage surviv... <i>Manhard, Christopher</i>	First commercial trial of in-pond raceway system IPRS aquaculture in Bangladesh with <i>Ctenopharyng...</i> <i>Ehshan, Md. Amimul</i>	Recruitment of American glass eels (<i>Anguilla rostrata</i>) to northeast Florida: evidence for a decad... <i>Johnson, Eric</i>	eDNA as a tool for assessing fish population abundance across inland lakes of a recreational fishery <i>Spear, Michael</i>	Using Genomics to Improve Stock Structure Resolution of Lake Whitefish (<i>Coregonus clupeaformis</i>) i... <i>Shi, Yue</i>		Panel Discussion	Forecasting river herring bycatch in the Northeast US <i>Roberts, Kelsey</i>
10:20 AM		Swimming performance and metabolism of four fish species under the flow and temperature regimes o... <i>Stell, Ehlana</i>			Going with the Flow: Past, Present, and Future of Reservoir Fish Escapement <i>Cope, William</i>		Impact of Marine Heatwaves on the Spatiotemporal Distributions of U.S. Pelagic Fishing Fleets <i>Farchadi, Nima</i>	Stress Less? Comparing Stress in Fish After Bypass Pipe vs. Vehicle Transport Passage	Offshore Marine Aquaculture: A Farmer Perspective <i>Zajicek, Paul</i>		Advancing monitoring and management of mid-Atlantic Alosine fishes with eDNA analysis <i>Fowler, Chelsea</i>	A GT-seq panel creates new opportunities for walleye management in the Great Lakes and beyond <i>Euclide, Peter</i>		Panel Discussion	Creating a distribution model of invasive rusty crayfish (<i>Faxonius rusticus</i>) in Michigan streams ... <i>Homan, Robert</i>
				Stakeholder perceptions of fisheries management		Forage fish omics									
1:20 PM	Panel Discussion: The role of environmental and fisheries efforts during the pre-development stag... <i>Brunbauer, Morgan</i>	Habitat Use of Three Forage Fishes across Six Reaches of the Mississippi and Illinois Rivers <i>Valentine, Shaley</i>	Hatch timing of two subarctic salmonids in a stream network estimated by otolith increments <i>Fitzgerald, Kevin</i>	Comparing social data to ecological models: environmental factors affecting the North Carolina sh... <i>Farquhar, Samantha</i>	Can a river-reservoir interface serve as nursery habitat for riverine fishes? <i>Smith, Nathan</i>	Population genomic structure of Great Lakes ciscoes (<i>Coregonus</i> spp.) using low-coverage whole gen... <i>Backenstose, Nathan</i>	Northeast Climate Integrated Modeling to Meet Ocean Decision Challenges <i>Kerr, Lisa</i>	Eel River of Northern Indiana: Ecological Restoration Through Conservation Partnerships <i>Sweeten, Jerry</i>	Design Features of Water Harvesting Structures to Accommodate Fish Farming: Views and Reviews <i>Muthiah, Muruganandam</i>	Scalloped hammerhead sharks have more complex migratory routes than expected <i>Amezcuca, Felipe</i>	Towards absolute abundance: applying a likelihood-based framework to enumerate the number of cont...	Failure of Phenotypic Markers to Accurately Identify Black Bass Species and Associated Hybrids in... <i>Lewis, Matt</i>			

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												Contributed Papers: Fish genetics			
1:40 PM		A test of a generalized, optimal habitat selection model for drift-feeding fishes: brook charr <i>Sliger, Ridge</i>		The (En)Tangled Web They Weave: Stakeholder Perception of the Large Whale Take Reduction Process <i>Ohnemus, Kimberly</i>	Determining Lake Characteristics for Expanding the Florida Bass Stocking Program in Arkansas <i>Buckingham, Jeffrey</i>	Comparative genomics and microbiomes of a high value forage fish, Pacific chub mackerel, <i>Scomber ...</i>	Managing Menhaden: How Ecosystem Models Can be Used to Incorporate Climate and Ecology in Forage ... <i>Grezlik, Maxwell</i>	The effect of annual variability on passage standards set through population modeling <i>O'Malley, Betsy</i>	Warm Water Aquaculture in a Cold Water State <i>Shields, Robert</i>	Demographics, survivorship and post-released behavior of prohibited sharks captured in the land-b... <i>Dunton, Keith</i>	Estimating the genetic diversity of Pacific salmon and trout using multigene eDNA metabarcoding <i>Weitemier, Kevin</i>	Chesapeake Bay Barcode Initiative (CBBI): The First Comprehensive Genetic Library for Fish of the... <i>Aguilar, Robert</i>			
2:00 PM		Theoretical models as spatial proxies for stream fish metacommunities in a fragmented stream network <i>Yancy, Lauren</i>	A Guide to Assessing Native Fish Conservation Translocations Using Two Case Studies in Yellowstone... <i>Puchany, Andriana</i>	Homeward Bound: Returning Atlantic Salmon to Maine rivers using aquaculture <i>Flye, Melissa</i>	Survival and Dispersal Patterns for Stocked Age-0 and Adult Striped Bass in Bull Shoals Reservoir... <i>Boehm, Hadley</i>	Polygenic discrimination of migratory phenotypes in the critically endangered Delta Smelt <i>Campbell, Matthew</i>	Something strange in the neighborhood: The potential roles of ecosystem and management changes in... <i>Wiedenmann, John</i>	Updating the consensus on fishway efficiency: a meta-analysis <i>Hershey, Henry</i>	The potential of Pangasius catfish, <i>Pangasianodon hypophthalmus</i> , production in-pond raceway systems... <i>Ehshan, Md. Amimul</i>			A Genetic Snapshot of Stocking: The Ontonagon River Lake Sturgeon Project <i>Akers, Mary</i>	Panel Discussion		
											Fishing for a molecule - the practical value of eDNA monitoring for invasive species				
2:20 PM		The Varied Roles of Small Fish as Mesopredators in Lake Food Webs <i>Airey, Montana</i>	Evaluating factors affecting Brook Trout abundance in Central Appalachian headwater streams using... <i>Schwinghamer, Christopher</i>		Assessing Hydrilla Spread and Subsequent Impacts on Sportfish Communities in Lake Sinclair, Georgia <i>Glomb, Jackson</i>		Using spatiotemporal models and changes in sea surface temperature at varying spatiotemporal scales... <i>Denson, LaTreese</i>	Alosine Restoration: Priorities and Challenges in the Delaware River Basin <i>DeSalvo, Lyndon</i>	Comparisons of Tissues for the Detection of Renibacterium salmoninarum in Cutthroat Trout <i>Riepe, Tawni</i>	Niche partitioning and trophodynamics in elasmobranch and teleost fishes in the British Indian Ocean <i>Carlisle, Aaron</i>	Agency Preferences to the Use of eDNA Monitoring for Aquatic Invasive Species <i>Love, Joseph</i>	Linkage map of Shovelnose Sturgeon (<i>Scaphirhynchus platyrhynchus</i>) haploids aids marker development... <i>Flamio, Richard</i>			

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2:40 PM	Panel Discussion				Modeling Synchrony in Black Bass Angler Activity and Management Actions Across Tennessee Reservoirs <i>Hoogakker, Frederick</i>		Asynchrony, tradeoffs, and climate drivers of lifetime demographic rates for alternative juvenile... <i>Sorel, Mark</i>	Stakeholder Partnerships for Aquatic Connectivity - Capacity Building and Lessons Learned <i>Shelton, James</i>	Non-Lethal Detection of the Invasive Swimbladder Parasite <i>Anguillicola crassus</i> in American Eels (...) <i>Lavoie, Danielle</i>		Potential Factors Affecting Successful Detection of Target Species eDNA – Some Lessons Learned fr... <i>Riley, Jacob</i>	Phylogeography and fitness consequences of admixture in the Smallmouth Bass (<i>Micropterus dolomieu</i>) <i>Gunn, Joe</i>			
3:00 PM	Panel Discussion														
3:20 PM	Panel Discussion	Framework to assess the impact of investments in US fisheries innovation <i>Redding, Stephen</i>			Exploring the use of price indices to adjust angler expenditure profiles over time <i>Hunt, Kevin</i>		Ocean temperature and food web quality influence rockfish body condition <i>Rosemond, Claire</i>	HYDRAULIC IMPACT ON FISH MIGRATION IN SARIAKANDHI FISH PASS OF BANGLADESH. <i>Kumar Ghosh, Bijoy</i>	Laser Diffraction Technique in Fisheries research <i>Jaleeli, Kaleem Ahmed</i>	Species distribution models reveal habitat use, temporal changes, and knowledge gaps for basking ... <i>McInturf, Alexandra</i>	Opportunities and challenges in combining citizen science and environmental DNA for surveillance ... <i>Larson, Eric</i>	Using genetic parentage to validate scale ages in wild Pacific salmon <i>McPhee, Megan</i>			
3:40 PM		AGE AND GROWTH OF THREE IMPORTANT COMMERCIALY HARVESTED FISHES IN TENNESSEE: SKIPJACK HERRING, S... <i>Wesley, Victor</i>					Changing climate associated with the range-wide decline of an estuarine finfish <i>Erickson, Kenneth</i>			Metal heads: Physiological and behavioral effects of organic mercury on a small elasmobranch, Mus... <i>Sabando Plaza, Maria A</i>					
4:00 PM		Crappie population dynamics and harvest regulations in Kansas reservoirs <i>Miazga, James</i>					A Reason to Feel Blue? Evaluating the Impacts of Environmental Stress and Bioactive Estrogen on t... <i>Rocco, Alex</i>			Patterns of Residency and Space Use of Arctic Skates (<i>Amblyraja hyperborea</i>) Across a Developing A... <i>Bradley, Jarius</i>					

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4:20 PM		Estimating aspects of reproductive biology for a non-native Flathead Catfish population in the... <i>Pelletier, Claire</i>													
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