

	Johnson A Room, Hilton	Johnson B Room, Hilton	Latrobe Room, Hilton	Peale A, Hilton	Peale B, Hilton	Peale C, Hilton	Promenade, Marriott	Stadium 1 Room, Marriott	Stadium 3 Room, Marriott	University 1, Marriott
	Contributed Papers: Invasive Carp	Contributed Papers: Marine Fish Ecology	Inland fishes and fisheries with global change	Advances in life history and environmental reconstruction using biogenic structures from organisms	Contributed Papers: Marine Habitats and Management	Native fish restoration in lakes- how can history inform the future?	Climate change effects on fish and fisheries: Understanding, forecasting, and communicating impacts	Scale V.2021: Choosing & Matching scales for aquatic field data: status, options, and knowledge gaps	Contributed Papers: Fishery dependent observing and monitoring	Growing fisheries research and management through angler engagement
8:00 AM		Diet of Crevalle Jack (Caranx hippos) in the north-central Gulf of Mexico <i>Jargowsky, Matthew</i>	Climate Change Effects on North American Fishes to Inform Adaptation Strategies <i>Paukert, Craig</i>	Emerging methods in analyses of continually growing structures (CoGS) in marine mammals <i>Crain, Danielle</i>	Decadal Changes in Reef Fish Diversity in the Philippines <i>Whalen, John</i>	(Cancelled) Comparing Historical and Contemporary Cisco Morphology	Untangling the effects of hydrologic change on trout in Wisconsin streams <i>Maitland, Bryan</i>	Scale V.2021: Identifying Current Issues that Address Future Needs for Making Scale Choices that ... <i>Hitchman, Sean</i>	Using a fishery-dependent research fleet approach to characterize the composition of black sea ba... <i>Verkamp, Hannah</i>	Introduction
8:20 AM	Quantifying How Orientation Affects Target Strengths of Silver Carp (Hypophthalmichthys molitrix)... <i>Peters, Andrew</i>	Crevalle Jack (Caranx hippos) Age and Growth in the Gulf of Mexico <i>Jefferson, Amanda</i>	The Fish and Climate Change (FiCli) Database Findings on Climate Change Impacts and Management Ac... <i>Zhang, Ray</i>	Inferring life history variation in spatial, trophic and physiological ecology through compound-s... <i>Trueman, Clive</i>	Implications of community-based management of marine reserves in the Philippines for reef fish co... <i>Marriott, Sara</i>	An Adaptive Management Approach to Restoring Paddlefish in Oklahoma Reservoirs <i>Long, Jim</i>	Scale dependencies of intrinsic climate sensitivity for freshwater fishes of the United States <i>Silknetter, Sam</i>	Considering questions of scale in research: examples from lotic, lentic, and coastal systems <i>DeVries, Dennis</i>	Electronic Technologies in the United States Atlantic Pelagic Longline Fishery <i>Miller, Ian</i>	Keynote
8:40 AM	Detection and Occupancy Probability of Bigheaded Carp and Native Fish Larvae in the Upper Mississ... <i>Yff, David</i>	The Bigger, Older, Fatter, and More Fecund Female (BOFFF) Factor in Greater Amberjack (virtual) <i>Murie, Debra</i>	Fishers' Response to Temperature Change Reveals the Importance of Integrating Human Behavior in C... <i>Fiorella, Katie</i>	Reconstructed trophic and geographic histories of reef-dwelling and migratory fishes based on eye... <i>Wallace, Amy</i>	Diversity patterns of subtropical fish assemblages on artificial and natural reefs in the eastern... <i>Schram, Michael</i>		THE EFFECT OF RUNOFF INDUCED RAPID TEMPERATURE CHANGE ON THE PHYSIOLOGICAL PERFORMANCES OF BLACKN... <i>Gruber, Danielle</i>	Landscape-scale trends in stream fish data collection locations across the U.S.: Challenges and o... <i>Infante, Dana</i>	Crabs are like fish, only different <i>Stevens, Bradley</i>	Keynote
						Contributed Papers: Reservoir fisheries management				

SUNDAY, NOVEMBER 7

9:00 AM	Determining how invasive Silver Carp (<i>Hypophthalmichthys molitrix</i>) influence trophic structure of... <i>Kowalski, Justin</i>	Modeling the energetic implications of early life responses to ocean acidification in an estuarine... <i>Schwemmer, Teresa</i>	Predicting future using experience from artificially heated water systems: impacts on stock produ... <i>Audzijonyte, Asta</i>	Stable isotopes of sea lamprey lenses used to explore at sea behavior <i>Evans, Thomas</i>	Identifying drivers of coral-reef fish biomass in the Florida Keys to assess potential management... <i>Zuercher, Rachel</i>	Wicked problems and messy data: assessing the effects of zebra mussels on walleye recruitment in ... <i>Kundel, Holly</i>	Performance consequences of thermal adaptation in geothermal sticklebacks <i>Smith, Bethany</i>	Barrier removal and remediation in the Great Lakes: Accounting for scale in the decision process <i>Robinson, Kelly</i>	Using fishing gears and species caught by foreign fleets to understand differential African marin... <i>Nyameke, Isaac</i>	Fish are Just Like Birds!(?) <i>Bonney, Rick</i>
									Contributed Papers: Fishery Statistics	
9:20 AM	An experimental assessment of mollusk vulnerability to juvenile Black Carp predation <i>Runyon, Andrew</i>	Quantifying the response of the estuarine nekton community following restoration of coastal wetla... <i>Mahoney, Richard</i>	The Road of Good Intentions for Mitigating Hydropower Impacts on Fisheries <i>Claussen, Julie</i>	New tools to measure restoration success: eye lenses archive juvenile habitat use of adult salmon... <i>Jeffres, Carson</i>	Spatiotemporal variation of an Eastern Tropical Pacific pelagic vertebrate community assessed wit... <i>Plum, Tyler</i>	Influence of Blueback Herring, <i>Alosa aestivalis</i> , in a Reservoir <i>Stell, Ehlana</i>	Investigating the effects of multiple flow regime characteristics on recruitment of age-1 Atlanti... <i>Baker, Michael</i>		Time to publish? Turnaround times, rejection rates, and impact factors of journals in fisheries s... <i>Runde, Brendan</i>	Forced Marriage Or Perfect Union? Over 20 Years Building and Maintaining Angler Engagement to Kee... <i>Schreier, Sarah</i>
10:00 AM	Evaluating alternative common carp control strategies in a large, dynamic, open ecosystem <i>Wallace, Ellie</i>	Community dynamics of estuarine forage fishes <i>Peake, Jonathan</i>	Structure and scale in spatially synchronous southeastern US trout populations <i>Valentine, George</i>	Tracking fish dietary changes in response to hypoxia using the elemental and isotopic composition... <i>Miraly, Hadis</i>	Ocean quahogs: a glimpse into the population structure of the longest-lived bivalve on Earth usin... <i>Hemeon, Kathleen</i>	Enhancing capacity of the Midwest Glacial Lakes Partnership: Improved information on glaciated... <i>Ross, Jared</i>	Evaluating the Effectiveness of Great Lakes Sea Lamprey Control Barriers in an Uncertain Climatic... <i>Buckley, Connor</i>	Uncertainty in Spatial Scaling: Revisiting Thresholds in Fisheries Data <i>Garvey, James</i>	Evaluating the Performance of Methods Used to Estimate Growth Parameters from Subsampled Age Data <i>Middaugh, Chris</i>	Texas Trash to Texas Treasure – Angler Involvement in Management and Research of the Alligator Gar <i>Daugherty, Dan</i>
			Contributed Papers: Black Bass							
10:20 AM	Exploring Invasive Carp Reproduction in Small Rivers of Illinois <i>Landry, Adam</i>		Movement Dynamics and Habitat Use of Suwannee Bass in Georgia <i>Yeager, Joel</i>	Can otolith microchemistry be used to quantify fish movement downstream of a hydropeaking dam?	Examining spatial heterogeneity trends in ocean quahog growth and recruitment <i>Sower, Jillian</i>	Comparison of fishery-dependen t and fishery-independ ent Common Carp and Bigmouth Buffalo mark-rec... <i>Annear, Andrew</i>	Asynchronous responses to common climate forcing among brook trout populations in Cape Race, Newf... <i>Gallagher, Brian</i>		A Novel Bioeconomic Approach to Improve Allocation Processes for Living Marine Resources <i>Meyers, Stephen</i>	Tournament Talks: Will anglers engage and participate in virtual webinars? <i>Hamilton, Shayna</i>

SUNDAY, NOVEMBER 7

10:40 AM	Evaluating movement of Silver Carp in an oxbow lake to inform barrier placement and operation <i>Besson, Jordan</i>	Evaluating the impacts of Atlantic striped bass harvest control rules on their prey, Atlantic men... <i>Schiano, Samantha</i>	Evaluation of lake-wide population characteristic differences between the Northern Largemouth Bass <i>Middaugh, Chris</i>	Lifetime-scale Red Grouper ontogenetic movement and diet shifts using a combination of traditional... <i>Vecchio, Julie</i>	Collaborative modeling of Eastern Oyster management options in the Chesapeake Bay, Maryland <i>Wilberg, Michael</i>	Hierarchical Model to Predict Common Carp and Bigmouth Buffalo Abundance from Electrofishing Catc... <i>Simonson, Martin</i>	Can Columbia Basin Sockeye Salmon adapt to climate change? <i>Fryer, Jeffrey</i>		Evaluating how Complexity of Alternative Stock Assessment Models affects Perception of Summer Flo... <i>Solinger, Laura</i>	Long-Term Relationship Building with Anglers: A Case Study with the Muskellunge Angling Community <i>Landsman, Sean</i>
11:00 AM		Temporal changes in the reproductive ecology of the estuarine Conguito sea catfish are related to... <i>Amezcuca, Felipe</i>	Analysis of Size Structure of Largemouth Bass (<i>Micropterus salmoides</i>) in Georgia Reservoirs with ... <i>Daley, Jacob</i>	Marked recent declines in boron in Baltic Sea cod otoliths – a bellwether of incipient acidificat... <i>Limburg, Karin</i>	Fisheries Conflicts with Sand Dredging: Baselines and Early Geospatial Analysis <i>Iwicki, Carolyn</i>	Gear Bias of low-frequency electrofishing for sampling Blue Catfish populations in Oklahoma reser... <i>Montague, Graham</i>	Thermal and Potential Climate Effects on Early Life Stages of White Perch <i>Minch, Benjamin</i>			Let's Talk About It: How Arkansas Game and Fish Commission's Fisheries Division changed the messa... <i>Feltz, Jessica</i>
11:20 AM		Descender Devices or Treat Tethers: Does Barotrauma Mitigation Increase Opportunities for Depreda... <i>Drymon, Marcus</i>		Evaluating the effects of three Alabama River dams on fish movements using otolith microchemistry <i>Rotar, Christopher</i>		Technological Advances and Their Potential Influence on Table Rock Lake Crappie <i>Schmitz, Grant</i>	How will changes in extreme precipitation events impact Eastern oyster (<i>Crassostrea virginica</i>) ec... <i>Barr, Janine</i>		Comparing distributions using the recently developed overlap statistic η-hat: Examples and sugges... <i>Zentner, Douglas</i>	Growing Angler Engagement through Cooperative Tagging Research <i>Musick, Susanna</i>
11:40 AM				RECONSTRUCTIN G LIFE HISTORIES OF WHITE SHARKS USING VERTEBRAL CHEMISTRY <i>Mohan, John</i>		Using a mixed-methods approach to assess char diversity in the central Canadian Arctic <i>Weinstein, Spencer</i>				
			Influence of Habitat, Land-Use, Infectious Agents, Environmental Stressors on					Standardizing recreational fishing data collection applications		

1:00 PM			Smallmouth Bass Pops							
		First insight into plastics ingestion by fish in the Gulf of California, Mexico <i>Amezcuca, Felipe</i>	Using Visual Indexes of Macroscopic Indicators to Assess Temporal Trends in Smallmouth Bass Fish <i>Keplinger, Brandon</i>	Canaries in the Baltic Sea “Coal Mine”: Fish Otoliths Document Accelerating Climate Impacts <i>Heimbrand, Yvette</i>	Rock(fish) around the clock: depths and activity levels of threatened Puget Sound rockfish <i>Danielson, Zofia</i>		Assessing shifts in benthic and pelagic community coupling in the Northwest Atlantic: Are communi... <i>Fenwick, Ileana</i>	Development of the SciFish application, a customizable citizen science project builder <i>Byrd, Julia</i>	Identifying gillnet bias in the sampling of estuarine predators within a temperate estuary <i>Plumlee, Jeffrey</i>	Engaging anglers in SCDNR’s fish tagging efforts <i>Perkinson, Matt</i>
1:20 PM		The lack of recovery of eastern Baltic cod: impacts of environmental hypoxia on community dynamics <i>Duskey, Elizabeth</i>	Evaluation of a Fish Health Assessment Index Applied to Smallmouth Bass of the Chesapeake Watershed <i>Jensen, Josiah</i>	Using otolith microchemistry to determine natal origin of black sea bass (Centropristis striata) ... <i>Koob, Elise</i>	Using larval transport models to evaluate marine protected areas in the U.S. South Atlantic regio... <i>Brothers, John</i>		(Cancelled) Impacts of temperature variability on marine fisheries in the Northeast Shelf Regional Ecosystem	Minimizing Bias in Citizen Science <i>Cathey, Andrew</i>	Effects of gear and fate on estimates of size-selectivity from mark-recapture experiments in thre... <i>Stevens, B.</i>	Using App Based Tournaments as a Source of Fisheries Data <i>Quinn, Danielle</i>
1:40 PM		Comparing methods for externally attaching electronic tags to fish: assessment of tag retention, ... <i>Tharp, Ryan</i>	Smallmouth Bass, Micropterus dolomieu, Microplastic Consumption over Space and Time in three <i>Zipp, Kaylyn</i>	Ontogenetic patterns of elemental tracers in the vertebrae cartilage of coastal and oceanic sharks <i>Livernois, Mariah</i>	Research and development of a replicable evaluation framework for MPA sustainable finance <i>Bohorquez, John</i>		Historical range shifts and the influence of global warming on ocean quahogs (Arctica islandica) <i>LeClaire, Alyssa</i>	Non-probability Sampling in Fishing Effort and Catch Surveys <i>Brick, J. Michael</i>	A proposed publicly available known-age fish structure repository <i>Koch, Jeff</i>	Penn State Trout Angler Science Study: Lessons we learned so you don’t have to <i>Mueller, Sara</i>
2:00 PM									Contributed Papers: Fishery dependent observing and monitoring	
		Life history and Reproductive Strategies of Callinectes sp. in a Tropical Urban Estuary <i>Pares, Olivia</i>	Patterns in melanistic lesions in Smallmouth Bass in the Susquehanna River Basin, Pennsylvania <i>Smith, Geoffrey</i>	Age validation using periodicity of annulus formation and hardpart microconstituents in black sea... <i>Frey, Benjamin</i>					We know Canadian Anglers struggle to identify fish, we just can’t prove it (Yet) <i>Hamilton, Shayna</i>	TrophyCatch: angler recognition, citizen science, and trophy bass conservation <i>Dutterer, Andrew</i>

