



Georgia Chapter of the American Fisheries Society

2020 Annual Meeting

January 28 – 30, 2020
Doubletree by Hilton
Augusta, GA



2020 GA-AFS Annual Meeting Program



Tuesday, January 28, 2020		
10:00 – 4:00	Registration	
12:30 – 12:40	Welcome/Opening Comments	Jim Page
12:40 – 1:00	State of the State (Freshwater)	Thom Litts
1:00 – 1:20	State of the State (Marine)	Carolyn Belcher
1:20 – 1:35	Law Enforcement in Fisheries	Brian Hobbins
1:35 – 1:50	Parent Society Information --- Membership	Cecil Jennings
1:50 – 2:05	BREAK	
2:05 – 4:40	Session 1: Student Presentations	
2:10 – 2:25	The effects of varying dietary protein levels on the growth of juvenile Bluegill	Lauren Halloran
2:25 – 2:40	Comparing recruitment estimation methods for age-1 Atlantic Sturgeon in the Altamaha River, GA from 2008-2019	Michael Baker
2:40 – 2:55	Side scan sonar as an effective tool for estimating Atlantic Sturgeon spawning run size	Cortney Bunch
2:55 – 3:10	Changes to Gulf Sturgeon recruitment, mortality, and behavior following Hurricane Michael in the Apalachicola River, Florida	Brendan Dula
3:10 – 3:25	Age and growth characteristics of the subspecies of Largemouth Bass (<i>Micropterus salmoides</i>) exhibit differential responses to a thermal gradient	Mary Halbrook
3:25 – 3:40	BREAK	
3:40 – 3:55	Flatfish matter, too: How an obsolete navigational cut can affect local assemblage patterns along the coast of Georgia	Abigail Bickle
3:55 – 4:10	Using video surveys to identify habitat preferences of the Gag Grouper (<i>Mycteroperca microlepis</i>) in the eastern Gulf of Mexico	Gina Alvarez
4:10 – 4:25	An assessment of the benthic fish assemblage in a Georgia tidal creek	Jennie Wiggins
5:00 – 6:00	BUSINESS MEETING	
7:00 – 9:00	POSTER SESSION AND SOCIAL	



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Poster Session 7:00 – 8:00

--Student--

A pilot model to prioritize sites for eastern oyster reef restoration with an emphasis on red drum habitat suitability	Cameron Atkinson
Environmental conditions promoting aetokthonotoxin production in the epiphytic cyanobacteria, (<i>Aetokthonos hydrillicola</i>)	Jeffrey Cullen
Connecting volunteerism, science, and community engagement to protect water quality in a southern Appalachian watershed	Elizabeth Howell
Artificial cuts may affect shark population diversity and population density in the Satilla River estuary	Richard Johnson
Effects of salinity on species richness in the Satilla River estuary	Rebecca Patterson

--Professional--

Genetic identification of pure and hybrid Bartram's Bass in the tributaries of the Savannah Basin	Daniel Farrae
Chronological ages from scales and bones of the coelacanths (<i>Latimeria chalumnae</i>) and (<i>Axelrodichthys araripensis</i>) suggest long lifespans	Michael Newbrey



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Wednesday, January 29, 2020		
7:30 – 8:15	Fellowship of Christian Conservationists	
8:30 – 5:00	Registration	
8:30 – 9:35	Session 1: Student Presentations - continued	
8:35 – 8:50	Comparison of diet habits of invasive Blue Catfish from the Altamaha and Satilla rivers, GA	Victoria Montgomery
8:50 – 9:05	Analysis of population demographics of the invasive Blue Catfish in the Satilla River, Georgia	Julia Palmer
9:05 – 9:20	Assessing supply and demand of trout in north Georgia under current and projected thermal regimes	Jenna Haag
9:20 -9:35	Influence of introductions of Alabama Bass (<i>Micropterus henshalli</i>) on Black Bass growth rates in north Georgia reservoirs	Elizabeth Howell
9:35 – 9:50	BREAK	
9:50 – 2:10	Session 2: Georgia Public Fishing Area Symposium	
9:55 – 10:05	Georgia State Parks – Gateways to Fishing	Scott Robinson
10:05 – 10:15	Big Lazer Public Fishing Area	Brent Hess
10:15 – 10:25	Dodge County Public Fishing Area	Tim Bonvechio
10:25 – 10:35	Evans County Public Fishing Area	Steve Mincey
10:35 – 10:45	Flat Creek Public Fishing Area	Brandon Baker
10:45 – 10:55	Hugh Gillis Public Fishing Area	Aaron Gray
10:55 – 11:10	BREAK	
11:10 – 11:20	McDuffie County Public Fishing Area	Jason Payne
11:20 – 11:30	Ocmulgee Public Fishing Area	Tim Bonvechio
11:30 – 11:40	Okefenokee and Banks Lake National Wildlife Refuges	Susan Heisey
11:40 – 11:50	Paradise Public Fishing Area	Jesse Boles
11:50 – 12:00	Rocky Mountain Public Fishing Area	Jim Hakala
12:00 – 1:30	LUNCH	
1:30 – 1:40	Fort Gordon Public Fishing Area	Steven Camp
1:40 – 1:50	Carters Lake Public Fishing Area	Jonathan Wise
1:50 – 2:00	Silver Lake Public Fishing Area	Johnathan Pritchard
2:00 – 2:15	BREAK	



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Wednesday, January 29, 2020

2:15 – 5:00 Session 3: Professional Presentations		
2:15 – 2:30	One fish, two fish, hopefully more fish: how an obsolete navigational channel affects fish assemblages in the Satilla River estuary	Jessica Reichmuth
2:30 – 2:45	Improving post-release survival of hook-caught Red Snapper and Red Drum: a private-public partnership	Spud Woodward
2:45 – 3:00	Maternal provisioning gives young-of-the-year hammerheads a headstart in early life	Kady Lyons
3:00 – 3:15	Estimating the impact of recreational crabbing in coastal Georgia	Bryan Fluech
3:15 – 3:30	Georgia Department of Natural Resources' marine recreational fisheries surveys	Dawn Franco
3:30 – 3:45	BREAK	
3:45 – 4:00	Fish tagging studies in Georgia's marine waters: past, present, and future	Jared Flowers
4:00 – 4:15	Robotic acoustics: new directions in fisheries science using autonomous underwater vehicles	Catherine Edwards
4:15 – 4:30	Boating Access Program Overview	Jeff Bishop
4:30 – 4:45	Georgia Fish Consumption and Mercury Projects	Thomas Miklos
4:45 – 5:00	Outreach at Savannah River Ecology Laboratory	Amanda Hurst
6:00 – 8:00	AWARDS BANQUET AND ANNUAL RAFFLE	



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Thursday, January 30, 2020

8:30 – 11:35 Session 3: Professional Presentations - continued		
8:35 – 8:50	An impossible whopper of an idea?: considering the adoption of a “fish-friendly” diet by fisheries professionals	Johnathan Davis
8:50 – 9:05	Warm Springs National Fish Hatchery restoration and recovery efforts in Georgia and the southeast U.S.	Jessica Radich
9:05 – 9:20	Surrender of Langdale and Riverview hydropower projects on the Chattahoochee River	Patrick O’Rourke
9:20 – 9:35	Interstate fishery management and American Shad: a case study	Caitlin Starks
9:35 – 9:50	Evaluation of migratory behavior and philopatry in Savannah River Striped Bass (<i>Morone saxatilis</i>)	Jackson Sibley
9:50 – 10:05	BREAK	
10:05 – 10:20	The influence of connectivity on native and invasive fish populations in the Kansas River	Martin Hamel
10:20 – 10:35	Confirmation of a wild population of Northern Snakehead (<i>Channa argus</i>) in Gwinnett County, Georgia	Hunter Roop
10:35 – 10:50	Status update on Chattahoochee Bass distribution and genetics in the upper Chattahoochee River basin	Marcus Zokan
10:50 – 11:05	Upper Chattahoochee River native Black Bass study - preliminary findings	Steven Patrick
11:05 – 11:20	Effects of fungicidal hydrogen peroxide treatments on the hatching success of Walleye eggs and the growth of oomycete pathogens	Cecil Jennings
11:20 – 11:35	Questionable native status of several common fishes in the Chattahoochee River basin	Marcus Zokan
11:35 – 11:45	CLOSING COMMENTS	
ADJOURN		