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## **PROGRAM OVERVIEW**

### **Thursday, February 13, 2003**

7:00 a.m. – 5:00 p.m.

Registration

8:00 a.m. – 5:00 p.m.

Pollution Committee – Magnolia Room

Reservoir Committee – Azalea Room

Warmwater Streams Committee – Camellia/Dogwood Rooms

1:00 p.m. – 5:00 p.m.

Aquaculture Committee – Dudley Room

Instream Flow Committee – McCrae Room

Nongame Committee – Skinner Room

Small Impoundments Committee – Latimer Room

Striped Bass Committee – Derosset Room

6:00 p.m. – 10:00 p.m.

Largemouth Bass Virus Social – Magnolia Room

### **Friday, February 14, 2003**

7:00 a.m. – 5:00 p.m.

Registration

8:00 a.m. – 5:00 p.m.

Largemouth Bass Virus Workshop – Dogwood/Magnolia Rooms

Tagging Models: Estimating Population Size and Mortality – Azalea Room

AFS Office – Garden Room

Slide Preview Room – Boardroom A

8:00 a.m. – 12:00 p.m.

Southern Division AFS Excom Meeting – Bellamy Room

1:00 p.m. – 5:00 p.m.

SDAFS Workshop – Conflict Resolution – Bellamy Room

Proactive and Reactive Media Relations for Fish and Wildlife Agencies – Skinner Room

SDAFS Student Workshop – Camellia Room

5:00 p.m. – 7:00 p.m.

Poster Setup – Salon A

5:00 p.m. – 7:00 p.m.

Fisheries Management Section – Bellamy Room

5:15 p.m. – 6:45 p.m.

North Carolina Chapter AFS Meeting – Azalea Room

7:00 p.m. – 10:00 p.m.

Welcome – Student Social/Poster Session – Cape Fear Ballroom

## **PROGRAM OVERVIEW**

### **Saturday, February 15, 2003**

7:00 a.m. – 5:00 p.m.

Registration

8:00 a.m. – 5:00 p.m.

AFS Office – Garden Room

Slide Preview Room – Boardroom A

8:00 a.m. – 12:30 p.m.

Poster Session – Salon A

8:00 a.m. – 10:00 a.m.

Southern Division AFS Meeting – Dogwood/Magnolia Rooms

10:00 a.m.– 11:00 a.m.

Welcome and Keynote Speaker – Dogwood/Magnolia Rooms

11:00 a.m.– 12:30 p.m.

Student-Mentor Luncheon

12:30 p.m. – 5:30 p.m.

Technical Session – Azalea Room

Technical Session – Camellia Room

Technical Session – Dogwood Room

Technical Session – Magnolia Room

Technical Session – Salon A

3:10 p.m. – 5:30 p.m.

Technical Session – Tidewater/Carolina Room

5:45 p.m. – 11:00 p.m.

Dinner, Tour & Raffle – USS Battleship North Carolina

### **Sunday, February 16, 2003**

8:00 a.m. – 1:00 p.m.

AFS Office – Garden Room

Slide Preview Room – Boardroom A

Technical Session – Azalea Room

Technical Session – Camellia Room

Technical Session – Dogwood Room

Technical Session – Magnolia Room

Technical Session – Salon A

7:00 a.m. – 8:00 a.m.

Fellowship of Christian Biologists – Bellamy Room

SDAFS Past President's Breakfast – Derosset Room

<b>Welcome and Keynote Speaker</b> <b>Saturday, February 15, 2003</b> <b>Dogwood/Magnolia Rooms</b>		<b>February 15, 2003</b> <b>Meetings &amp; Events</b>
10:15 Gus Rassam, AFS Executive Director <i>Welcoming Remarks</i>  Fred Harris, AFS President <i>Welcoming Remarks</i>  Jeff Boxrucker, Southern Division AFS President <i>Welcoming Remarks</i>  Shari Bryant, NC Chapter AFS President <i>Welcoming Remarks</i>	8:00 a.m. – 10:00 a.m. <b><i>Southern Division AFS Business Meeting and Continental Breakfast</i></b> Dogwood/Magnolia Rooms  5:30 p.m. – 11:00 p.m. <b><i>Dinner</i></b> USS Battleship North Carolina	
10:30 Dr. Larry Nielsen, N.C. State University <i>Looking for Ecosystem Management?</i> <i>You'll Find it Under Water!</i>		
11:00 Lunch		

About our keynote speaker...

**Looking for Ecosystem Management? You'll Find it Under Water!"**

Dr. Larry Nielsen  
Dean, College of Natural Resources  
NC State University  
and Co-author of new book  
"Ecosystem Management: Adaptive, Community-Based Conservation"

Like the old advertisement for Culligan, we're most likely to find the answers to ecosystem management "under water." At least that's what Larry Nielsen thinks. Larry will present his argument for why water is the natural centerpiece for ecosystem management. Larry's views come from his early Virginia Tech years as a fisheries scientist, but tempered by many years now dealing with wildlife, forestry and the human dimensions of natural resources. For example, he served on the 13-member Committee of Scientists that developed the last revisions for the U.S. Forest Service's planning regulations (Larry insists that it was really a committee of 12 scientists and him). His views have also been formed by seven years of teaching ecosystem management for the U.S. Fish and Wildlife Service — 21 iterations of a week-long course attended by more than 600 professionals, from the USFWS director to fish-culture technicians. This course was the basis for his new textbook on ecosystem management, co-authored with his three co-teachers (and available now from Island Press).

## ◆ Poster Session

**Salon A** (Asterisk denotes student presenter)

**Annual patterns of length-frequency distributions of the Yazoo Shiner *Notropis rafinesquei* in three streams in northern Mississippi** - Amy M. Commens, Melvin L. Warren, and Wendell R. Haag

**Further evidence of the invasion of the Indo-Pacific lionfish *Pterois volitans* along shelf-edge reefs of the southeastern United States** - H. Scott Meister, J. K. Loefer, G. R. Sedberry, J. C. McGovern, and D. M. Wyanski

**Assessing Florida largemouth bass introgression in Texas reservoirs: efficient sampling from observing spatial heterogeneity** - Robert K. Betsill, J. Warren Schlechte, and David L. Buckmeier

**A molecular genetic marker for the taxonomic identification of kingfishes, *Menticirrhus* spp. (Perciformes: Sciaenidae)** - William R. Collier\*, Thomas E. Lankford, Ami E. Wilbur, Fred Rohde, and John Schoolfield

**Determining effective and efficient stocking rates for largemouth bass** - David L. Buckmeier, J. Warren Schlechte, and Robert K. Betsill

**Assessment of the flathead catfish fishery in the Yadkin-Pee Dee River system in North Carolina using an angler diary** - Marla Chambers

**Temporal and spatial distribution of two introduced aquatic predators in mid-Atlantic coastal rivers** - D. Greg. Edmonds\* and Greg C. Garman

**Evaluation of summer macrohabitat availability (temperature and water quality) for aquatic organisms in the North Fork Shenandoah River, Virginia** - Jennifer Rohrer\*, Don Orth, Tammy Newcomb, Marc Edwards, and Steve Cox

**A model to predict landscape scale variation in brook trout spawning intensity and reproductive success in a central Appalachian watershed** - David Thorne\* and J. Todd Petty

**Statistical properties of the relative weight (*Wr*) index and an alternative procedure for testing *Wr* differences between groups** - Travis O. Brenden\*, Brian R. Murphy, and Jeffrey B. Birch

**Using PHABSIM modeling to identify conservation thresholds in the North Fork Shenandoah River, Virginia** - Adrienne W. Averett, Jason Persinger, and Donald J. Orth

**Discerning the difference between slim and none: design considerations for creel surveys of lightly-fished reservoirs** - David L. Yow

**Immersion marking of juvenile Midas Cichlids with oxytetracycline** - Jennifer M. Barker and Kenneth R. McKaye

**Specialized electrofishing boats for sampling trout in Arkansas** - Darrell Bowman and Stan Todd

**Use of propagated shortnose sturgeon as surrogates for wild fish in development of field techniques** - Mark R. Collins, Vincent Mudrak, Theodore I. J. Smith, Kent Ware, and Robert Bakal

**Methodology for using otoliths to age mooneye *Hiodon tergisus*** - Gus Katechis\*, Peter Sakaris, and Elise Irwin

**Post-stocking survival of phase-I striped bass fingerlings** - Winthrop E. Taylor and Douglas A. Besler

# February 15 ♦ Saturday Afternoon

Asterisk denotes student presenter.

Session	Imperiled Fishes	Fish Physiology and Health	Marine Fish Ecology and Management
Room	Azalea	Camellia	Dogwood
Moderator	Jamie Roberts	Timothy Copeland	Félix Del Toro Silva
12:30 PM	Status of shortnose sturgeon in the Neuse River, North Carolina <i>N.C. Oakley* and J.E. Hightower</i>	A national mercury database for marine species <i>P. Cunningham, E. Sullivan, W. Cooter, and K. Sparks</i>	Are fishes and shrimps significant sources of ammonium in tidal salt-marsh creeks? <i>S.S. Haertel and D.M. Allen</i>
12:50 PM	Reintroduction of lake sturgeon in the Coosa River, Georgia <i>D.L. Peterson and G. Beisser</i>	Differential lead uptake and excretion in tissues of rainbow trout <i>L.M. McCracken*, M.A. Clark, P.F. Galbreath, J.R. Miller, and P.J. Lechler</i>	Effects of hypoxia on habitat use of demersal fishes on the Louisiana Continental shelf <i>K. Craig and L. Crowder</i>
1:10 PM	Lavage survival rate and food habits of Gulf of Mexico sturgeon in the Suwannee River estuary <i>D. Murie, D. Parkyn, D. Colle, and J. Holloway</i>	Relative growth and stress tolerance of native Southern Appalachian versus naturalized Northern Strain brook trout <i>B.S. Marbert*, M.S. Avis, L.W. Sherrill III, and P.F. Galbreath</i>	Retention, distribution and growth of fish early-life stages in the Chesapeake Bay turbidity maximum <i>E. Martino*, J. Bichy, and E. Houde</i>
1:30 PM	Winter distribution of Gulf of Mexico Sturgeon and their benthic prey resources <i>J.E. Harris*, D.C. Parkyn and D.J. Murie</i>	Effect of heating rate on measurement of chronic lethal maxima in rainbow trout, brook trout and brown trout <i>P.F. Galbreath, N.D. Adams, and T.H. Martin</i>	North Carolina coastal habitat protection plans: a new approach <i>M.W. Street</i>
1:50 PM	Habitat use and movement patterns of hatchery-reared juvenile robust redbone <i>Moxostoma robustum</i> released in the Ocmulgee River, GA <i>C.A. Jennings and D. Shepard</i>	Hypoxia tolerance in juvenile estuarine-dependent fishes <i>E.L. Shimps* and J.A. Rice</i>	Distribution of larval fishes in shelf and Gulf Stream waters in Onslow Bay, North Carolina <i>A.M. Quattrini*, D.G. Lindquist, F.M. Bingham, and T.E. Lankford</i>
2:10 PM	A preliminary genetic investigation of the Cherokee darter: implications for conservation and management <i>C.C. Storey, B.A. Porter, and B.J. Freeman</i>	Swimming endurance of fingerling Channel Catfish, Blue Catfish, and Hybrid Blue x Channel Catfish <i>R. Venn Beecham*, G.R. Parsons, C.D. Minchew</i>	Temporal and spatial distribution of estuarine-dependent species in the Savannah River estuary <i>R.S. Weyers and C.A. Jennings</i>
2:30 PM	Reintroduction and monitoring of Barrens topminnows <i>A.B. Johnson* and P.W. Bettoli</i>	Comparison of conversion efficiency of low fat and high fat feed fed to rainbow trout produced and stocked for recreational purposes <i>C. Kittel, J. Murry, and T. Powless</i>	Can stocking be used to assist in the management of red drum? <i>W.E. Jenkins, T.I.J. Smith, M.R. Denson, and C. B. Bridgman</i>
2:50	<b>BREAK</b>		
Session	Nongame Fish Ecology	Fish Physiology and Genetics	Stream Fish Ecology And Management
Room	Azalea	Camellia	Dogwood
Moderator	Cecil A. Jennings	Lawrence G. Dorsey	Marla J. Chambers
3:10 PM	Effects of electrofishing on injury and mortality of non-game fish <i>R. Kidwell* and L.E. Miranda</i>	Evaluation of the capacity for compensatory growth in black sea bass ( <i>Centropristis striata</i> ) and southern flounder ( <i>Paralichthys lethostigma</i> ) <i>S.L. Holst* and T.E. Lankford</i>	Creel survey of the Ozark trout fishery of Beaver Tailwater <i>J. Williams, D. Bowman, S. Todd, R. Moore, M. Bivin, and R. Fourt</i>
3:30 PM	Habitat use by three darter species in a Piedmont stream <i>B.E. Henry* and G.D. Grossman</i>	Reproduction in wreckfish ( <i>Polyprion americanus</i> ), an apex predator species within the Charleston Bump Complex <i>D.M. Wyanski and H.S. Meister</i>	Analysis of movement patterns of stream-dwelling bull trout in response to sampling <i>N.P. Banish*, J.T. Peterson, and R. Thurow</i>
3:50 PM	Habitats used by the spotted darter ( <i>Etheostoma maculatum</i> ) in the Elk River, West Virginia <i>E.A. Osier* and S.A. Welsh</i>	Sexual differentiation in the striped mullet ( <i>Mugil cephalus</i> ) in South Carolina <i>C.J. McDonough</i>	Seasonal trends of fish assemblages in the lower Flint River Basin, Georgia <i>J.W. McCargo* and J.T. Peterson</i>
4:10 PM	A comparison of injectable fluorescent marks in two genera of darters: effects on mortality and retention rates <i>J.H. Roberts* and P.L. Angermeier</i>	Winter distribution, ecology, and energetics of young-of-the-year bluefish in the South Atlantic Bight <i>J.W. Morley*, J.A. Buckel, and T.E. Lankford, Jr.</i>	Conservation status of fish and other aquatic resources in the upper Tallapoosa River system, AL <i>C.A. Hayer, L. Roy, K. Kleiner, M. Ross, E. Irwin, and M. Freeman</i>
4:30 PM	Is phenotypic variation in central stonerollers ( <i>Camptostoma anomalum</i> ) related to ecological function? <i>M.P. Dekar*</i>	Winter energetics of YOY bluefish in the South Atlantic Bight: effects of ration and cohort of origin on survival <i>J.J. Slater*, T.E. Lankford, Jr., and J.A. Buckel</i>	Fish community response along a disturbance gradient <i>J.G. Freund* and J.T. Petty</i>
4:50 PM	The value of specimen collections in fisheries research and management <i>J.B. Pestovic* and M.N. Morgan</i>	Population genetics of red porgy <i>Pagrus pagrus</i> throughout the Atlantic <i>A.O. Ball, M.G. Beal, R.W. Chapman, and G.R. Sedberry</i>	Effects of a severe drought on fish populations in three small streams of the Piedmont, NC <i>C. Hallyburton and Youth Partners</i>
5:10 PM			Use of gelatin flavor beads as striped bass <i>Morone saxatilis</i> egg surrogates for estimation of egg production in the Red and Washita rivers <i>R.G. Ryan* and J. Boxrucker</i>

Asterisk denotes student presenter.

## February 15 ♦ Saturday Afternoon

Session	<b>SYMPOSIUM Status of Urban Fishing and Community Fishing Programs in the Southeast</b>	<b>SYMPOSIUM Southern Dirt: Sedimentation in Southeastern Waters</b>	<b>Water Quality and Ecosystem Health Starting at 3:10 PM (See below)</b>
Room	Magnolia	Salon A	
Moderator	Jack Turner	Danielle R. Pender	
12:30 PM	Tennessee's youth and urban fishing programs – an evolving process  <i>D. Rizzuto, B. Wilson, and L. Rider</i>	<i>Keynote Speaker:</i> Excessive sediment and riverine biota: myth and reality C.F. Rabeni	
12:50 PM	Urban fishing opportunities provided by Alabama's community fishing program  <i>S. Cook and D. Darr</i>	Note: 40-min keynote presentation	
1:10 PM	Arkansas Game and Fish Commission's efforts to recruit and retain anglers  <i>A. Neely, C. Jackson, J. Barnett, and G. Bagby</i>	Cumulative sedimentation as a limiting factor on abundance of endemic fishes in the southern United States <i>M.C. Scott, J.A. Clingenpeel, and K.N. Leftwich</i>	
1:30 PM	Backyard fishing Florida style, an overview of the statewide community-based fishing project  <i>P.W. Thomas</i>	Muddy waters: the angst of benthic lifestyles in southeastern fishes  <i>N.M. Burkhead and H.L. Jelks</i>	
1:50 PM	Kentucky's educational fishing programs  <i>R.A. Oster and L. Nelson</i>	Sediment accumulation patterns in a hydro-peaking tailwater in Virginia  <i>D.J. Orth, C.W. Krause, and D.C. Novinger</i>	
2:10 PM	An aquatic outreach formula for success: North Carolina's urban fishing opportunities and outreach services  <i>R.L. Curry, R.K. Wong, and R.I. Jones</i>	A sediment sampler design for monitoring impacts of road construction  <i>L.B. Hedrick* and S.A. Walsh</i>	
2:30 PM	Mississippi's community assistance program: opportunities and problems  <i>D.K. Riecke</i>	Erosion and sedimentation control in North Carolina  <i>M. Nevils and S. Avant</i>	
2:50	<b>BREAK</b>		
Session	<b>SYMPOSIUM: Status of Urban Fishing and Community Fishing Programs in the Southeast (cont.)</b>	<b>SYMPOSIUM: Southern Dirt: Sedimentation in Southeastern Waters (cont.)</b>	<b>Water Quality and Ecosystem Health</b>
Room	Magnolia	Salon A	Tidewater/Carolina
Moderator	Scott Morrison	Danielle R. Pender	Alesia N. Read
3:10 PM	Oklahoma's "Close-to-Home" fishing program, a city-state partnership  <i>G. Gilliland</i>	Evaluating the effects of high flows on stream channels and aquatic habitat as part of the hydropower relicensing process  <i>J. Mead</i>	River discharge plumes and fisheries production: the trophic advantage hypothesis <i>W. Markovsky, T. Lankford, A. Wilbur, M. Posey, T. Alphin, and S. Kinsey</i>
3:30 PM	Youth and fishing in South Carolina  <i>B. Harrison</i>	Vegetated filter zones can be greatly improved for sediment and nutrient detention  <i>D. Hazel, C. Franklin, and K. Summitt</i>	Enhancement of biological production in the Cape Fear River plume <i>M.A. Mallin, M.R. McIver, H.A. CoVan, V.L. Johnson, T.H. Johnston, D.C. Parsons, J.J. Souza, and D.H. Wells</i>
3:50 PM	The Texas Parks and Wildlife urban fishing program  <i>B. Van Zee</i>	Littoral zone restoration of Lake Istokpoga: enhancing aquatic habitat, flood control, and water quality  <i>T.R. Champeau and J.B. Furse</i>	Applying an Index of Biotic Integrity as a water quality monitoring Tool – the North Carolina experience  <i>B.H. Tracy</i>
4:10 PM	Characteristics, preferences, and motivations of young adult recreational fishing license holders in Arkansas  <i>A.D. Williams* and J.R. Jackson</i>	NPS-ing the silt problem in the bud  <i>S. Filipek and D. Evans</i>	Assessment of water quality in Virginia's non-tidal streams using a probabilistic sampling design <i>G.J. Devlin, J.R. Hill, M.V. Rummel, M.J. Scanlan, and L.D. Willis</i>
4:30 PM	Status of urban and community fishing programs in the southeastern U.S.  <i>K. Hunt and H. Schramm</i>		An information-theoretic analysis of water quality trends in the Blackwater River, West Virginia <i>J.M. Smith*, S.A. Welsh, J.T. Anderson, and R.H. Fortney</i>
4:50 PM			Federal ecosystem restoration projects in a dredged creek and an urbanized estuary  <i>J.D. Evert</i>
5:10 PM			Using SAPS to restore a lake ecosystem  <i>R. Morgan, M. Kline, K. Kline, D. Gates, W. Branch, and A. Brookens</i>

# February 16 ♦ Sunday Morning

Asterisk denotes student presenter.

Session	Reservoir Fish Ecology and Management	Freshwater Fish Habitat	Stream Fish Habitat Ecology
Room	Azalea	Camellia	Dogwood
Moderator	Brian J. McRae	William E. Pine	Randy Hyler
8:00 AM	Short-term mortality and dispersal of stocked fingerling largemouth bass <i>D.L. Buckmeier, R.K. Betsill, and J.W. Schlechte</i>	Aquatic GAP and decision-making in the Tallapoosa River Basin, Alabama and Georgia <i>J.T. Peterson, E. Irwin, B.J. Freeman, M.C. Freeman, and L. Kramer</i>	A stream tank for evaluating habitat selection of juvenile sturgeon: solving the habitat use/availability problem <i>M. Taylor*, K. Mickett, M. Ross, K. Kleiner, and E. Irwin</i>
8:20 AM	Post-tournament mortality and movement of black basses <i>L. Holt* and J. Stoeckel</i>	Using habitat guilds to develop habitat suitability criteria for a warmwater stream fish community <i>J. Persinger*, D. Orth, and T. Newcomb</i>	Winter habitat use and movement patterns in selected large river fishes <i>K.A. Bjorgo*, K.J. Hartman and J.W. Howell</i>
8:40 AM	Efficacy of stocking Florida, F1-hybrids, and northern largemouth bass fingerlings using oxytetracycline marking techniques <i>K. Hoffman* and P.W. Bettoli</i>	Effects of increased minimum flow and stream temperature on fish community structure in the Ouachita River, Arkansas <i>S. Sanders*, J.R. Jackson, and E. Buckner</i>	Flathead catfish movement and habitat selection in North Carolina Coastal Plain rivers <i>D.S. Waters, W.E. Pine III, T.J. Kwak, and J.A. Rice</i>
9:00 AM	The effects of seasonal water levels on recruitment of shad, largemouth bass, and crappie in Hugo Reservoir, Oklahoma <i>J. Boxrucker</i>	SCUBA evaluation of habitat structures in Lake Anna, Virginia <i>J. Odenkirk and S. Owens</i>	Brown bullhead as an indicator species: seasonal movements, home ranges and habitat utilization in the Anacostia River <i>P.C. Sakaris*, R. Jesien, and A.E. Pinkney</i>
9:20 AM	Effects of double-crested cormorants on largemouth bass and crappie in Lake Chicot, Arkansas <i>C.L. Racey, A. Fenech, and S. Lochmann</i>	Juvenile fish use of artificial structure, Kanawha River, West Virginia <i>J. Titus* and K. Hartman</i>	Seasonal movement and habitat selection of Smallmouth Bass <i>Micropterus dolomieu</i> in the Holston River drainage <i>J. Henegar* and P.W. Bettoli</i>
9:40 AM	Larval striped bass production in the Washita and Red river arms of Lake Texoma <i>J.J. Schaffler* and D.L. Winkelman</i>	Assessment of in-stream habitat improvements in a southeast Oklahoma tailrace <i>J.R. Vincent, P.E. Balkenbush, and C.C.L. Whisenhunt</i>	Relationship between flow regime, habitat complexity and fish assemblage structure in Arkansas Ozark streams <i>M.K. Scott* and D.M. Magoulick</i>
10:00 AM	Blueback herring diets in Hiwassee Reservoir, NC <i>A.P. Wheeler, C.S. Loftis, and D.L. Yow</i>	Winter habitats used by freshwater drum and channel catfish in the Ohio River <i>B.E. Lenz*, S.A. Welsh, and K.J. Hartman</i>	Hydropeaking flow regime: a determining factor on Brown trout and nongame abundance <i>A. Hunter*, M. Anderson, C. Krause, T. Newcomb, and D. Orth</i>
10:20	<b>BREAK</b>		
Session	Reservoir Fish Ecology and Management (cont.)	Freshwater Fish Population Dynamics	Anadromous Fish Assessment and Ecology
Room	Azalea	Camellia	Dogwood
Moderator	D. Scott Waters	Joseph D. Grist	Robert D. Barwick
10:40 AM	Contribution of stocked fingerling walleye in Lake James <i>D. Besler</i>	Is it a big lake or a small ocean? An application of early-life history data to fishery management in Lake Michigan <i>R.S. Fulford* and J.A. Rice</i>	Abundance trends of sub-adult American eel relative to environmental factors in Northwestern Pamlico Sound and Lake Mattamuskeet, North Carolina <i>J.L. Cudney* and R.A. Rulifson</i>
11:00 AM	Determination of striped bass spawning locations on the two major tributaries of Lake Texoma <i>W.P. Baker* and J. Boxrucker</i>	Estimating population size of a mobile exotic catfish in coastal rivers <i>W.E. Pine III*, D.S. Waters, T.J. Kwak, and J.A. Rice</i>	Seasonal movements of American eels in Shenandoah River, West Virginia <i>S.D. Hammond* and S.A. Walsh</i>
11:20 AM	Effects of expanded stocking locations on striped bass survival <i>D.M. Wilson</i>	Forage fish populations in Lake Jocassee during an extended drawdown <i>D.J. Coughlan, D.H. Barwick, and T.J. Leonard</i>	Estimating the size of anadromous fish spawning runs using stationary, side-looking hydroacoustics <i>D.A. Hewitt*, J.E. Hightower, and K.H. Pollock</i>
11:40 AM	A bioenergetics analysis of the factors influencing mean growth and individual variation among striped bass in reservoir populations <i>J.S. Thompson* and J.A. Rice</i>	Interpretation of relative weight in two bluegill populations: a cautionary tale <i>T. Copeland*, B.R. Murphy, and J.J. Ney</i>	Fish passage through water control structures into a North Carolina coastal bay lake <i>C. Holloman Godwin* and R.A. Rulifson</i>
12:00 PM	Comparative ecology of juvenile striped bass and juvenile hybrid striped bass in Claytor Lake, Virginia <i>J.M. Rash* and J.J. Ney</i>	Modeling the effect of alternative harvest regulations on the New River muskellunge fishery <i>T.O. Brenden*, B.R. Murphy, and E.M. Hallerman</i>	Atlantic needlefish <i>Strongylura marina</i> in Lake Mattamuskeet, North Carolina: evidence for anadromy? <i>M.E. Egbert* and R.A. Rulifson</i>
12:20 PM	A tail of two species – do striped bass and hybrid striped bass make good neighbors? <i>J.M. Kilpatrick* and J.J. Ney</i>	A tag-based analysis of annual exploitation and catch rates of Atlantic striped bass <i>S.A. Welsh</i>	

Asterisk denotes student presenter.

## February 16 ♦ Sunday Morning

Session	<b>SYMPOSIUM Fisheries Socioeconomics</b>	<b>SYMPOSIUM Catch and Release, Have We Gone Too Far?</b>	
Room	Magnolia	Salon A	
Moderator	John Whitehead and Peter Fricke	Michael Alexander and Michael Allen	
8:00 AM	Economic impacts of marine recreational angling in North Carolina  <i>B. Gentner</i>	Are harvest restrictions promoting catch and release?  <i>C.M. Horton, D.L. Turman and D.C. Dennis</i>	
8:20 AM	Using quality-augmented GEDD to analyze pelagic longline fishery regulations  <i>C.F. Dumas and K.M. Parker</i>	Managing spotted bass in a reservoir with a 15-inch length limit and high catch and release  <i>M.A. Colvin and W. Anderson</i>	
8:40 AM	Channel netting in the North Carolina shrimp fishery: a case study of territoriality and local control  <i>J.R. Maiolo</i>	Evaluation of a 356 mm minimum size limit for redear sunfish, Merritts Mill Pond, Florida <i>R.L. Cailteux, R.S. Land, D.A. Dobbins, and F. Cross</i>	
9:00 AM	Where are they now? Participation decisions of displaced Louisiana gill-netters and implications for multi-fishery management strategies <i>H.A. Holloway</i>	Exploitation of bluegill and redear sunfish in Lake Panasoffkee, Florida  <i>S. Crawford and M. S. Allen</i>	
9:20 AM	Taking institutions seriously: using the IAD framework to analyze fisheries policy  <i>M.T. Imperial and T. Yandle</i>	Evaluation of angler and fish population response to a 305 mm minimum length limit for black crappie on Lake Monroe, Florida  <i>J. Holder</i>	
9:40 AM	Costs of doing business for North Carolina's northern commercial fishers  <i>B. Chevront</i>	Use of an angler incentive program for data collection and management of a trophy bass fishery  <i>M.J. Ryan, M.W. Brice, and L. Fries</i>	
10:00 AM	An analysis of congestion measures and heterogeneous angler preferences in a random utility model of recreational fishing  <i>P.W. Schuhmann and K.A. Schwabe</i>	Catch, release, and harvest characteristics of tournament and non-tournament bass anglers, J. Strom Thurmond Lake, GA and SC <i>C.W. Bales</i>	
10:20	<b>BREAK</b>		
Session	<b>SYMPOSIUM Fisheries Socioeconomics (cont.)</b>	<b>SYMPOSIUM Catch and Release, Have We Gone Too Far? (cont.)</b>	
Room	Magnolia	Salon A	
Moderator	John Whitehead and Peter Fricke	Michael Alexander and Michael Allen	
10:40 AM	Do anglers tell the truth? Examining revealed and stated preferences for conservation  <i>B. Gentner</i>	Largemouth bass population dynamics in Clarks Hill Lake, Georgia – South Carolina  <i>E. Bettross</i>	
11:00 AM	Some socioeconomic effects of <i>Pfiesteria</i>  <i>J.C. Whitehead and E. Boyd</i>	Does voluntary catch and release render largemouth bass harvest restrictions useless?  <i>K.R. Henry, M.S. Allen, and E. Nagid</i>	
11:20 AM		Understanding catch and release fishing in Virginia reservoirs  <i>V. DiCenzo</i>	
11:40 AM		Catch and release attitudes of the Georgia BASS Chapter Federation  <i>S. Hendricks, F. Janssen, and T.O. Smith</i>	
12:00 PM			
12:20 PM			

The following individuals were instrumental in organizing this meeting

General Meeting Chair, Kent Nelson  
Program, Tom Kwak  
Posters, Jim Borawa  
Arrangements, Keith Ashley  
Budget/Finance, Kim Sparks  
Registration, Bob Curry  
Fundraising, Hugh Barwick  
Printing/Signs, Shari Bryant, Win Taylor  
Audio Visual, Christian Waters  
Raffle, Richard Fulford  
Home Page, Joe Hightower  
Continuing Education, Lawrence Dorsey  
Students, Bill Pine

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