



# 2009 Georgia AFS Program

**Tuesday, January 27<sup>th</sup>**

**Session One: Welcome, Administrative Update & Student Papers. Moderated by Cecil Jennings**

**9:30 – 10:00** Welcome & Announcements

**10:00 – 10:40** Updates from State Program Leaders

**10:40-11:00** **Influence of Streamflow, Land Use, and Physiography on Metapopulation Dynamics of Rare and Endangered Unionids in the Lower Flint River Basin, Georgia.** Colin P. Shea and James T. Peterson. Georgia Cooperative Fish and Wildlife Research Unit, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA

**11:00-11:20** **Movement of Blue Catfish in Wilson Reservoir, Alabama.** Ryan Hunter, Matt Marshall, and Mike Maceina, Department of Fisheries, Auburn University, Auburn, AL.

**11:20-11:40** **Habitat Suitability for Shortnose Sturgeon in the Ogeechee River, Georgia.** Daniel Farrae and Douglas Peterson, Warnell School of Forestry and Natural Resources, University of Georgia, Athens GA

**11:40-12:00** **Movements, Behavior, and Habitat Use of Three Species of Black Bass in the Flint River, Georgia.** Matt Goclowski, Department of Fisheries, Auburn University, Auburn, AL.

**12:00 – 12:20** **Examination of Interspecific Competition Between Two Bullhead Catfishes.** Clint Lloyd and Peter C. Sakaris, Southern Polytechnic State University, Department of Biology, Chemistry, and Physics

**12:20-1:20** Lunch – Pizza Provided by GA AFS Chapter

**Session Two: Professional Presentations – Moderated By: Brent Hess**

**1:20-1:40** **Flathead Catfish Management on the Satilla River, Georgia.** Tim Bonvechio and Jason Mitchell, Georgia Department of Natural Resources, Region IV.

**1:40-2:00** **Using Otoliths to Estimate the Daily Age of Young-of-the-Year Catfishes.** Peter C. Sakaris, Southern Polytechnic State University, Department of Biology, Chemistry, and Physics

**2:00-2:20** **A Novel Technique for Mapping Habitat in Navigable Streams Using Low-cost Side Scan Sonar.** Adam Kaeser, Georgia Department of Natural Resources, Wildlife Resources Division, Fisheries Section.

**2:20-2:40** **BREAK**

**2:40-3:00** **Ecological Considerations for the Design of Stream Crossings.** William J. Bouthillier, U.S. Fish and Wildlife Service, Warm Springs Fish Technology Center, Warm Springs, Georgia

**3:00-3:20** **Suwannee Bass Spawning in Ponds.** Gary J. Burtle and Travis Ingram, University of Georgia Cooperative Extension, Tifton, GA.

**3:20-3:40** **Habitat Use and Movement of Adult Robust Redhorse in the Oconee River, GA.** Patrick C. Ely and Cecil A. Jennings, University of Georgia, USGS Georgia Cooperative Fish and Wildlife Research Unit, University of Georgia, Athens, GA.

**3:40- 4:00** **BREAK**

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**Cont. Tuesday, January 27<sup>th</sup>**

**4:00-4:20** **River discharge effects on abundance of larval and age-0 redhorses in the Oconee River, Georgia, USA.** Rebecca C. Peterson, Cecil A. Jennings and James T. Peterson, Georgia Cooperative Fish and Wildlife Research Unit, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA

**4:20-4:40** **An Integrated Landscape-Scale Approach for Predicting the Response of Fishes to Changing Flow Regimes in the Upper Flint River Basin, Georgia.** James T. Peterson, USGS, Georgia Cooperative Fish and Wildlife Research Unit, Warnell School of Forestry and Natural Resources, Athens, GA 30602

**4:40-5:00** **Comparative Food Habits of Black Bass in the Upper Flint River, Georgia: Assessing the Potential of Competition by Introduced Spotted Bass.** Steven M. Sammons, Department of Fisheries, Auburn University, Auburn, AL.

**5:00-7:00** **Dinner on Your Own**

**7:00-9:00** **Social & Poster Presentations**

**Session Three, Wednesday, January 28<sup>th</sup> - Moderated By: Steven Patrick**

**9:00 – 9:20** **Preliminary Results of Gravel Augmentation Projects on the Oconee River, GA.** Jimmy Evans, Georgia Department of Natural Resources, Wildlife Resources Division.

**9:20 – 9:40** **Water Meal Treatment with Stingray Aquatic Herbicide.** Gary J. Burtle & Travis Ingram, University of Georgia Cooperative Extension, Tifton, GA.

**9:40-10:00** **Questions Regarding the Utility of Gillnet Catch as an Index of Abundance in Reservoir Fisheries Assessments.** Don Dennerline, Georgia Cooperative Fish and Wildlife Research Unit, University of Georgia, Athens, GA.

**10:00-10:20** **Multi-pass Electrofishing as an Alternative to Cove Rotenone.** John Ruiz, USGS Cooperative Fish and Wildlife Research Unit D.B Warnell School of Forestry and Natural Resources University of Georgia Athens, GA

**10:20 -11:00** **BREAK**

**11:00-12:00** **Business Session**

**12:00-2:00** **Awards Luncheon**

**2:00** **Adjourn & Depart for Safe Travel Home**

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