



# 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 Goculowski, 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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