

# The Warnell Continuing Education Program

Daniel B. Warnell School of Forestry and Natural Resources

## Recreational Pond Management

July 23 - 24, 2019

Instructors: Jay Shelton, Brian Simmons, Kris M. Irwin  
Flinchum's Phoenix, 650 Phoenix Road, Athens, Georgia



**WARNELL**  
SCHOOL OF FORESTRY AND NATURAL RESOURCES  
THE UNIVERSITY OF GEORGIA

### About this Course

There are over 100,000 acres of private ponds in Georgia being managed for sportfish production. Sportfish ponds and small impoundments provide significant opportunity to enjoy the outdoors and enhance property value. Properly managed ponds can provide an abundant supply of fish for food and recreation, attract wildlife, add aesthetics and increase value of both urban and rural lands. A combination of classroom presentations and hands-on field activities will provide participants the opportunity to develop new knowledge and basic skills associated with pond management in Georgia.

### Objectives

The primary objective of this course is to provide participants with the opportunity to develop basic knowledge and skills about pond management that produce sustainable, high quality fishing. At the end of this course, participants will be able to:

- Describe the basic tenets of pond construction, renovation, and maintenance;
- Explain activities associated with pond stocking and management strategies;
- Identify common aquatic plants in Georgia ponds; and
- Conduct a pond evaluation (fish and water quality).

### Who Should Attend?

Landowners, managers, consultants, or any person desiring to learn more about the management of ponds to produce high quality fishing should attend this course. The benefit participants receive will be directly related to their participation. This course is designed to be interactive; open discussions and questions are encouraged. Also, participants must be willing to get wet along with the instructors so participants should an extra set of clothing.

### Instructors

**Dr. Jay Shelton** has a Ph.D. in aquaculture and fisheries from Auburn University, and is a fisheries biologist with the Warnell School of Forestry and Natural Resources. For over 20 years he has developed publications and taught outreach programs on the subjects of sportfish pond management, aquatic plant management, and water quality.

**Brian Simmons** graduated from the University of Georgia with a Bachelor of Science in Forest Resources. He currently manages Owen & Williams Fish Farm, Inc. and owns Ultimate Pond Care Service, an electro-shocking and pond management company. Brian formerly served three years as president of the Georgia Aquaculture Association.

**Dr. Kris M. Irwin** is a member of UGA's Warnell School and specializes in forestry and natural resources outreach education. His work focuses on the design and development of educational materials and products for forest landowners and natural resource managers. In addition, Kris is an avid angler and will help participants develop a deeper understanding of the content and experience.

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### Registration Fee

The fee for this course is \$295, which includes lunch, refreshment breaks, and instructional materials. There is a \$50 discount for fees paid and postmarked by July 24, 2019. We accept credit cards and personal or company checks for payment. If you are paying by a check it must be accompanied by your registration form to guarantee your place in the course.

### Continuing Education Credits

- 11.5 Continuing Forestry Education (CFE) Hours-Category 1 (approved), 1.5 Category 2 CFE (approved)
- 13.5 Continuing Logger Education Hours (CLE)-Category B (approved)
- Pesticide Applicator Re-certification credit hours: Georgia, 3.0 (approved); South Carolina, 5.0 (approved) North Carolina, 5.0 (approved) Alabama, 10.0 (approved)

*Full Attendance is Mandatory to Receive Credit.*

**You can register online at:**

[www.conted.warnell.uga.edu/courses/pond\\_manage2019](http://www.conted.warnell.uga.edu/courses/pond_manage2019)

### Course Itinerary

Tuesday, July 23, 2019

Time	Event
8:30	Registration
9:00	Welcome, Introductions and Course Overview/ Expectations
9:15	Pond construction Renovation options for existing ponds Routine pond maintenance
10:30	Break
10:45	Pond stocking for specific objectives Options for growing bigger bass Options for optimizing productivity
11:15	Pond Management
Noon.	Lunch
1:00 p.m.	Field Activities (Getting wet & muddy) Fish population and water quality assessment Water quality management methods
5:00	Adjourn

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### Course Itinerary Continued

Wednesday, July 24, 2019

Time	Event
8:30	Liming, fertilization and nutrient management
9:00	Principles of aquatic plant management
9:15	Aquatic plant identification
9:45	Break
10:00	Aquatic weed control
11:00	Troubleshooting pond problems
Noon	Lunch
1:00 p.m.	Field Activities (Getting wet & muddy) Aquatic weed management and troubleshooting problems
4:30	Wrap up
5:00	Adjourn

### Mail-in Registration Form

\_\_\_\_\_  
Name - please print

\_\_\_\_\_  
Preferred name for badge

\_\_\_\_\_  
Birth-date (for credit hour records)

☐ Business mailing address or ☐ Home address (please check one)

\_\_\_\_\_  
City

\_\_\_\_\_  
State

\_\_\_\_\_  
Zip

\_\_\_\_\_  
County, if Georgia

\_\_\_\_\_  
Home phone

\_\_\_\_\_  
Work phone

\_\_\_\_\_  
Fax

\_\_\_\_\_  
Email address

☐ Please send me e-mails about Warnell Continuing Education programs.

\_\_\_\_\_  
position

\_\_\_\_\_  
organization/employer

*By registering for this event I agree to comply with all event and lodging cancellation policies.*

### Recreational Pond Management

July 23-24, 2019

Early registration by July 2, 2019:.....\$245.00

Regular registration: .....\$295.00

Enclosed is a check # \_\_\_\_\_

(payable to Warnell School of Forestry and Natural Resources)

Your registration will not be processed until payment is received.

### Cancellations

Notify Ingvar Elle at (706-583-0566, [ingvar@uga.edu](mailto:ingvar@uga.edu)) by 5:00pm July 9, 2019 if you wish to cancel and receive a refund.

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### Required Clothing

This course will be based at the Flinchum's Phoenix building located in the Whitehall Forest and will include visits to nearby ponds and require each participant to be prepared to get a bit wet and muddy. Bring appropriate footwear for wading in a muddy pond. Also, bring a brimmed hat, sunglasses, sun screen, extra change of clothes, and a towel.

### Lodging

A block of rooms has been reserved at the Holiday Inn Express in Athens, Georgia for the nights of July 22 and 23. You can make reservations by calling 706-465-4329. Mention the room block code RPM to receive the \$101.00 discount price.

### Parking and Directions

Parking at Flinchum's Phoenix at Whitehall Forest is free of charge.

For directions to Flinchum's Phoenix see:

[warnell.uga.edu/about/directions.php#flinchum](http://warnell.uga.edu/about/directions.php#flinchum) or type "650 Phoenix Road, Athens, GA" into the Googlemaps.com directions finder.

### Special Needs

If you require special services or dietary considerations, contact Ingvar Elle at (706-583-0566, [ingvar@uga.edu](mailto:ingvar@uga.edu)) by July 9, 2019.

If paying by mail send payment to :

Attn: Anuj Sinha  
Warnell School of Forestry & Natural Resources  
The University of Georgia  
Athens, Georgia 30602