

# The Warnell Continuing Education Program

Daniel B. Warnell School of Forestry and Natural Resources

## Wetlands Ecology & Management

July 22—23, 2014

Instructors: Susan Wilde, Mike Chamberlain, Rhett Jackson, John Maerz  
Flinchum's Phoenix, 650 Phoenix Road, Athens, Georgia



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

### Purpose

This course will provide an introduction to all aspects of wetlands including occurrence, morphology, hydrology, soils, ecology, and regulation. The primary goal is to focus on the relationship between forest management and wildlife, fisheries, and wetlands management.

### Who Will Benefit?

This class is appropriate for forestry, wildlife or fisheries professionals in natural resource management working in consulting, industry, government, or a non-profit organization. This class is not a training class for wetlands delineation or wetlands functions assessment, but it provides attendees with the basis for conducting such assessments.

### Instructors

**Dr. Susan Wilde**, a faculty member at the Warnell School of Forestry and Natural Resources received her Ph.D. from the Warnell School, her MS from the UGA Department of Zoology, and her BS for the University of Illinois. Her research interests include; watershed development, storm water best management practices, and impacts on water quality; toxic cyanobacteria, invasive plants, reservoir limnology, and Avian Vacuolar Myelinopathy; and interactions between invasive and endangered species.

**Dr. Mike Chamberlain** is professor of Wildlife Ecology and Management at the University of Georgia Daniel B. Warnell School of Forest Resources. Chamberlain's research focuses on the ecology and management of various game species, including waterfowl. Much of his research is focused on understanding relationships between game species and their habitats, as well as ways to better manage habitats to ensure sustainable game populations. He is a former Editor-in-Chief of the Journal of Wildlife Management.

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### Course Itinerary

Tuesday, July 22, 2014

Time	Event
8:00 a.m.	Registration
8:15	Welcome and Introduction
8:30	Overview of relationships between forest management and wildlife, fisheries, and wetlands management (Susan Wilde)
9:15	Wetlands hydrology and soils (Susan Wilde)
10:15	Refreshment Break
10:30	Wetlands Ecology (Susan Wilde) Primary productivity, macroinvertebrates, fish and food webs
11:30	Impacts of land use change (Mike Chamberlain) Artificial wetlands for water quality treatment
12:15	Lunch
1:00	Native/Invasive aquatic plant identification presentation (Susan Wilde)
1:30	Aquatic plant identification demonstration; live plants, microscopes, plant ID books
2:00	Waterfowl migration and adaptations for wetlands
3:00	Refreshment Break
3:15	Vegetation and waterfowl of floodplain and coastal plain wetlands (Mike Chamberlain)
4:15	Waterfowl identification demonstration
5:30	Adjourn

Wednesday, July 23, 2014

Time	Event
8:00 a.m.	Frogs and salamanders (John Maerz)
9:00	Herpetofauna demonstration with live animals
10:00	Break
10:15	Mammal, snake, and turtle use of wetlands (Mike Chamberlain)
11:15	Wetlands regulation and mitigation (Mike Chamberlain) Wetlands Best Management Practices
12:30	Adjourn

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### Registration Fee

The fee for this course is \$300.00, which includes lunch, refreshment breaks, and instructional materials. There is a \$50 discount for fees paid and postmarked by July 13, 2014. We accept credit cards and personal or company checks for payment. A pre-registration form must be accompanied by a check to guarantee your place in the course.

### Continuing Education Credits

- 12.0 Continuing Forestry Education (CFE) Hours – Category 1 (approved)
- 12.0 Continuing Logger Education Hours (CLE) – Environment (approved)

Register online at

<http://conted.warnell.uga.edu/courses/wetlands>

*Full Attendance is Mandatory to Receive Credit.*

### Registration Form

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

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

☐ 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 other Warnell Continuing Education programs.

\_\_\_\_\_  
Position Organization/employer

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

### Wetlands Ecology & Management

July 22—23, 2014

Early registration through July 13, 2014.....\$250.00

Regular registration:.....\$300.00

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

(payable to Warnell School of Forestry and Natural Resources)

Your registration will not be processed until payment is received.

### Cancellations:

Call Ingvar Elle at 706-583-0566 by July 1, 2014 to receive a refund.

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### Mail payment to:

Attn: Ingvar Elle  
Warnell School of Forestry & Natural Resources  
The University of Georgia  
Athens, Georgia 30602

### Cancellations:

In the event that you need to cancel, in order to receive a refund you must contact Ingvar Elle (706-583-0566 or [ingvar@uga.edu](mailto:ingvar@uga.edu)) by July 8, 2014.

### Parking and Directions

Parking at Flinchum's Phoenix is free of charge. For directions please see: [warnell.uga.edu/about/directions.php#flinchum](http://warnell.uga.edu/about/directions.php#flinchum). You can also use the Googlemaps.com directions page. Type in "650 Phoenix Road, Athens, GA."

### Hotel Accommodations

A block of rooms has been set aside at the Holiday Inn Express (706-549-4433) for attendees of "Wetlands Ecology and Management" for the nights of July 21, 22 and 23, 2014. The hotel address is 513 West Broad Street, Athens, GA 30601. Rooms are \$72.00 plus %14 percent sales tax. Please use code "WET" for making reservations.

### Special Needs

If you require special services or dietary considerations, contact Ingvar Elle at 706-583-0566 or e-mail him at [ingvar@uga.edu](mailto:ingvar@uga.edu) prior to July 1, 2014.