# The Warnell Continuing Education Program

Daniel B. Warnell School of Forestry and Natural Resources

Warnell School of Forestry and Natural Resources Room 1-201 (the computer lab) nstructor: Pete Bettinge une 26 –27

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# **Purpose and Objectives**

ArcGIS has become the standard tool for management of GIS data in natural resource management organizations. Successful natural resource managers need the confidence to be able to communicate to others their GIS needs and to perform basic GIS processes.

### This one-and-a-half-day course:

- Introduces the basic vector-based features of ArcGIS 10.x
- Teaches techniques for addressing a number of basic natural resource management applications

### Upon completion of this course, you should be able to:

- Perform many of the basic GIS tasks used by natural resource managers (query, edit, overlay, etc.)
- Create management-related maps that effectively display critical information.

# Who Should Attend?

Natural resource management professionals who have taken a basic GIS course or have some familiarity with GIS and have an interest in learning more about how to use GIS to support natural resource management. Upper-level managers who would like to be able to conduct basic GIS analysis as well as field personnel who would like to use GIS tools to analyze field data should find the course useful.

# Format

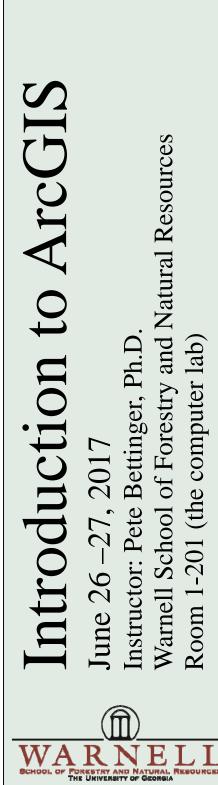
The course follows a direct laboratory and case study format. Most of the material will be presented in a step-by-step manner, so that the class can follow the directions provided by the instructor and simultaneously use them on individual computers in a computer lab. The class emphasizes the use of ArcGIS. Some handouts will be provided to summarize the material presented.

# Instructor

Pete Bettinger is a professor in the Warnell School of Forestry and Natural Resources. He has more than 30 years of operating, teaching and research experience in forestry and natural resources, including roles with the U.S. Forest Service, several forest product companies, and Oregon State University. Bettinger has taught several courses on forest measurements, forest planning, and harvest scheduling, as well as GIS applications in natural resources management. In 2004, McGraw-Hill published his book Geographic Information Systems: Applications in Forestry and Natural Resources Management. Bettinger earned BS and MS degrees from Virginia Tech, and a PhD from Oregon State University.

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### **Registration Fee**

The fee for this course is \$295, which includes lunch, refreshment breaks, and instructional materials. You can register online for the course here: http://conted.warnell.uga.edu/

### **Continuing Education Credits**

- 12.0 Continuing Forestry Education (CFE) hours Category 1 (approved)
- 12.0 Continuing Logger Education hours (CLE) Environmental (approved)
- Optional 12.0 GA Real Estate Agent/Appraiser credits (approved)....\$50.00

### Full Attendance is Mandatory to Receive Credit.

### **Course Itinerary**

June 26, 2017

Time	Event
7:45 a.m.	Registration
8:00	Basic maneuvering within the program, opening shapefiles and changing their appearance, viewing and editing data
10:00	Refreshment Break
10:15	Examining layer properties making a map with layout view
12:15	Lunch
1:00 p.m.	Working with the attribute data, querying processes
2:45	Buffering, clipping, erasing with vector data
3:00	Refreshment Break
3:15	Buffering, clipping, erasing with vector data (continued)
5:15	Adjourn

#### June 27, 2017

Time	Event	
8:00 a.m.	Overlay analysis using vector data	
10:00	Break	
10:15	Forestry and wildlife management applications	
12:30 p.m.	Adjourn	

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	Mail-in Registration Form
	Name - please print
	Preferred name for badge Birth-date (for transcript retrieval)
$\mathbf{v}$	Business mailing address or check here if home address
	City State Zip County, if Georgia
	Home phone Work phone Fax
ArcG] aral Resources	E-mail address Please send me e-mail about Warnell Continuing Education programs.
Re	position organization/employer
ural	By registering for this event I agree to comply with all event and lodging cancellation policies.
<b>1 tO</b> h.D. and Nat lab)	Introduction to ArcGIS June 26 –27, 2017 Registration by June 23, 2017:\$295.00
<b>Dduction to ArcG</b> -27, 2017 : Pete Bettinger, Ph.D. chool of Forestry and Natural Resources 01 (the computer lab)	Enclosed is a check # (payable to Warnell School of Forestry and Natural Resources) Your registration will not be processed until payment is received.
<b>ducti</b> 27, 2017 ete Bettinge ool of Fores' (the compu	Cancellations: Notice must be received by 5:00 p.m. June 12, 2017 to receive a refund. Call Ingva Elle at 706-583-0566.
26 11 S 11 S	Mail payment to: Attn: Anuj Sinha Warnell School of Forestry & Natural Resources The University of Georgia Athens, Georgia 30602
<b>Intruct</b> June 2 Instruct Warnell Room 1	Parking and Directions A visitor parking deck is located just north of the Georgia Center. Parking is \$10.00 per day.
$(\widehat{\Pi})$	For a map and directions go to: http://www.warnell.uga.edu/h/aboutWSFR/directions/index_html
WARRNELL School of Forestry and Natural Resources The University of Georgia	Special Services If you require special services or dietary considerations, please contact Krista Merry (kmerry@warnell.uga.edu) by June 12, 2017.