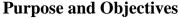
The Warnell Continuing Education Program

Daniel B. Warnell School of Forestry and Natural Resources



In a study of recent graduates of the Warnell School of Forestry and Natural Resources, we found that the use of GIS by natural resource managers was evenly split between two software products: ArcView 3.x and ArcGIS 9.x. While both of these are developed and marketed by the same company (ESRI), ArcGIS is becoming 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
- 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 20 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.

The Warnell Continuing Education Program Daniel B. Warnell School of Forestry and Natural Resources

Registration Fee

The fee for this course is \$360, which includes lunch, refreshment breaks, and instructional materials. You can register for the course online here: http://conted.warnell.uga.edu/courses/introduction-to-arcgis-1

Continuing Education Credits

- 12.0 Continuing Forestry Education (CFE) hours-Category 1 (approved)
- 12.0 Continuing Logger Education hours (CLE) Environmental (approved)

Full Attendance is Mandatory to Receive Credit.

Course Itinerary

March 14, 2011

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			

March 15, 2011

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			

The Warnell Continuing Education Program Daniel B. Warnell School of Forestry and Natural Resources

Registration Form	n			
Name - please print				
Preferred name for badge		Birth-date (fo	Birth-date (for transcript retrieval)	
Business mailing addre	ss or check here if	nome address]	
City	State	Zip	County, if Georgia	
Home phone	Work	Work phone		
-	Please send me e-m	nail about Warne	II Continuing Education	
position		O	rganization/employer	
By registering	for this event I agre lodging cancella	, ,	all event and	
Introduction to ArcG March 14-15, 2011 Registration by March		\$	360.00	
Enclosed is a check (payable to Warnell S Your registration will	School of Forestr	f		
Cancellations: Notice must be receiv Ingvar Elle at 706-583-	•	arch 1, 2011 to r	eceive a refund. Call	

Mail payment to: Attn: Ingvar Elle

Warnell School of Forestry & Natural Resources

The University of Georgia Athens, Georgia 30602

Parking and Directions

A visitor parking deck is located just north of the Georgia Center. Parking is \$10.00 per day.

For a map and directions go to:

http://www.warnell.uga.edu/h/aboutWSFR/directions/index_html

Special Services

If you require special services or dietary considerations, please contact Ingvar Elle at 706-583-0566 or e-mail him at ielle@warnell.uga.edu prior to March 11, 2011.