

CE's by the Sea

*Hosted by Haglof Inc., BMI Environmental LLC
and Jones County Junior College*

*July 8-10, 2008
Island House Hotel
26650 Perdido Beach Blvd
Orange Beach, AL36561*

<http://www.islandhousehotel.com/>

Day 1 (workshop 1): *Desktop Mapping (Brian Mitchell, Ph.D. of Jones County Junior College): 4 Category 1 CFE's*

12:00 – 1:30 Overview of ArcGIS

1:30 – 2:30 GIS data sources

2:30 – 3:30 Building a GIS

3:30 – 4:00 Publishing a map

Day 1 (workshop 2): *Forest Ethics (Brian Mitchell, Ph.D. of Jones County Junior College): 1 Category 1 CFE (meets BORF ethics requirement)*

4:00 – 5:00 Review of case studies in forestry and discussion on ethics

Day 2 (workshop 3): *Environmental Regulations/Environmental Site Assessments/Ecological Assessments/Regulatory Compliance (Larry Lewis of BMI Environmental, LLC): 7 Category 1 CFE's*

8:00-9:00 Overview of Environmental Regulations - Part I
(RCRA, CERCLA, CWA, CAA)

9:00-10:00 Phase I Environmental Site Assessments/All Appropriate Inquiry

10:00-10:30 Break

10:30-12:00 Phase I ESA/AAI (Continued)

12:00-1:00 Lunch

1:00-2:00 Overview of Environmental Regulations - Part II
(CWA, Endangered Species Act, National Environmental Policy Act)

2:00-3:00 Wetlands Delineations and Ecological Assessments

3:00-3:30 Break

3:30-5:00 Regulatory Permitting, Regulatory Compliance, and Emerging Issues
(Permitting, Mitigation/Mitigation Banking, NEPA, Low Impact Development)

Day 3 (workshop 4): *Forest Inventory Utilizing Technology (Russell Bozeman of Haglof, Inc.): 7.5 Category 1 CFE's*

8:00 Field Computers
*Comparison of Operating Systems
*Levels of Ruggedness
*Ergonomics and Expandability
*Introduction to Data Entry
*Using touch screen
*Keyboard entry
*Comparison of Data Entry
*Speed
*Accuracy
*Ease of use

10:00 - 10:15 Break

10:15 am Timber Cruising Software
*Software Overview
*Cruising Methods
*Volume Calculations
*Profile functions vs. Form Class Tables
*Setting up cruise parameters
*Defining species product mixes
*Stratification and stand establishment
*Calculation and reporting

12:00 Lunch

1: 00 pm Connecting PC and Field Computer
*Data transfer
*Parameter transfer

1:30 pm Utilizing Handheld GPS with Inventory Software
*Discuss different models of GPS
*Accuracy requirements
*Connecting GPS to the handheld computer
*Topographic maps and aerial photos on the handheld computer
*Putting it all together
*Cruising software, GPS, and Maps

2:30 pm Break

2:45 pm Field Measuring Equipment

*Diameter from a distance

*Electronic distance measurement

*Hypsometers and electronic clinometers to increase your accuracy

4:00 pm Outside Application

5:00pm Adjourn

The cost for these workshops is \$85 for the first half day, \$150 per full day or a discount of \$300 for the entire package. Please call Brian Mitchell at 601-477-4233, or email brian.mitchell@jcc.edu if you have any questions or would like to register.