



**Sponsored in part by the USDA CSREES
Southern Region Water Quality Program**

**Watershed Academy:
*Principles of Water Quality Monitoring, Planning, and Restoration***

November 13-15, 2007
Kimbel Center, Hobcaw Barony, Georgetown, SC

AGENDA (subject to change)

Day 1 – Tuesday, November 13

UNDERSTANDING WATERSHED BASICS

8:00 am **Conference Registration**
8:30 am **Welcome and Opening Remarks**

Dan Hitchcock, Clemson University (10 minutes)

Watershed Academy – Overview

Dan Hitchcock, Clemson University (15 minutes)

Coastal Hydrology, Physical Characteristics, and Water Quality

Greg Jennings, NC State University (1 hour)

BREAK (20 minutes)

Watershed Assessment

Dan Hitchcock, Clemson University (30 minutes)

Water Chemistry, Monitoring and Analyses

Dan Hitchcock, Clemson University (1 hour)

11:45 am **LUNCH**

1:00 pm

Biological Functions of Streams

Eve Brantley, Auburn University (45 minutes)

1:45 pm

Field Trip Overview and Preparation

Dan Hitchcock, Clemson University

Field Trip – Bannockburn Plantation

Station I – Stream morphology monitoring, cross-sectional and longitudinal profiles, floodplain assessment, data tabulation

Station II – Stream habitat and biological assessment, macro invertebrate sampling methods, sorting and identification

Station III – Water quality monitoring

Station IV – Watershed assessment

5:00 pm

Field Trip Summary: The Big Picture

6:00 pm

Adjourn (Lowcountry Boil or Oyster Roast, Location TBD)

Day 2 – Wednesday, November 14

WATER QUALITY PROTECTION AND RESTORATION

8:30 am

Watershed Academy Overview

Eve Brantley, Auburn University (10 minutes)

Watershed Restoration

Greg Jennings, NC State University (90 minutes)

BREAK (20 minutes)

Erosion and Sediment Control

Cal Sawyer, Clemson University (1 hour)

Decentralized Waste Treatment Systems (30 minutes)

Lisa Hajjar, SCDHEC-OCRM

12:00 noon LUNCH

1:00 pm Managing Stormwater

Joe Fersner, Woolpert, Inc. (overview) (30 minutes)

*Dan Hitchcock, Clemson University
(stormwater management practices and LID) (90 minutes)*

3:00 pm Field Trip

Stormwater – Participants will travel to several stormwater BMP sites

5:30 pm Adjourn (Dinner on Your Own, maybe as a group to Murrells Inlet)

Day 3 – Thursday, November 15

WATERSHED PLANNING

8:30am Watershed Academy Overview

Eve Brantley, Auburn University (10 minutes)

Natural Resource Based Planning

Cal Sawyer, Clemson University (25 minutes)

Working with Developers

Eve Brantley, Auburn University (25 minutes)

Working with Federal Partners

Craig Hesterlee, US EPA Region IV (25 minutes)

Working with State Partners

Rebecca Haynes, SCDHEC Bureau of Water (20 minutes)

James Hackett, SCDHEC-OCRM (20 minutes)

BREAK (15 minutes)

Building Relationships and Working with Stakeholder Groups (Funding Sources)

Eve Brantley, Auburn University (35 minutes)

Working with Local Communities: a Wilmington Case Study

*Christy Perrin, Watershed Education for Community
Officials (WECO), NC State University (25 minutes)*

The Kingston Lake Watershed Case Study

Susan Libes, Coastal Carolina University (25 minutes)

Workshop Summary, Concluding Remarks and Evaluation

Dan Hitchcock, Clemson University (15 minutes)

12:30

LUNCH & ADJOURN