

Workshop 5: Stormwater Management Using Locally-based Planning Tools

Location: Georgia Center for Continuing Education (Room TU), The University of Georgia

Date: April 27, 2005, Wednesday, 8:30-2:20 pm

Instructors: Mark Risse, Biological and Agricultural Engineering Department, and William Bumback, Institute of Ecology, The University of Georgia

Hosted by: *Georgia WaterNet*

The workshop will cover a three step process that emphasizes locally-based planning and management tools for addressing stormwater and watershed protection. These steps include:

- Land use planning for balancing natural resource preservation and development
- Site design for minimizing stormwater impacts
- Best management practices (BMPs) for mitigating unavoidable stormwater impacts.

The use of remote sensing and GIS technologies will be introduced as an effective method for better land use planning, watershed protection, and stormwater management. Each participant will receive a resource notebook and CD.

Stormwater Management Using Locally-Based Planning Tools

- 8:30 **Introduction & Overview** –
Mark Risse, UGA Cooperative Extension Service
- 8:45 **Stormwater Intro: Land Use and Stormwater Generation**
Deborah Borden, UGA Engineering Outreach Service
- 9:15 **Introduction to Natural Resource Based Planning & GIS Based Planning Tools** –
Bill Bumback, UGA Institute of Ecology
- 10:00 Break
- 10:15 **Tools for Reducing Stormwater Impacts: Site Design & Stormwater BMPs** –
Rose Mary Seymour, UGA Cooperative Exten. Service
- 11:00 **Overview: Funding for Local Stormwater Management** – Joseph Krewer, Georgia Department of Community Affairs (DCA)
- 11:20 **Funding Opportunities Through GEFA** – Dan Clarke, Georgia Environmental Facilities Authority
- 11:40 **Lunch**
- 1:00 **Columbia County Stormwater Utility: A Funding Case Study** – Jim Leiper, Columbia County Engineering & Environmental Director
- 1:30 **DCA Tools and Programs to Reduce Nonpoint Source Pollution**– Joseph Krewer, Georgia Department of Community Affairs (DCA)
- 1:50 **Role of the UGA Cooperative Extension Agents: Gwinnett County Case Study** – Robert Brannen, Gwinnett County Extension Coordinator
- 2:10 **Final Comments and Wrap Up** – Bill Bumback/Debbie Borden, UGA Georgia Water NET