Soils for Professionals

JUNE 9-10, 2005 • GAINESVILLE, FLORIDA

Who Should Attend?

Participants should be interested in or actively involved in soil identification, use, development, and interpretation of properties and data. Those employed in the following occupations would greatly benefit by participating in this course:

- Biologists
- City and County Government Officials and Decision–Makers
- Consultants
- Developers
- Ecologists
- Environmental Consultants
- Environmental Engineers
- Environmental Health Officials
- Environmental Regulators
- Environmental Scientists
- Extension Agents
- Foresters
- Geotechnical Engineers
- Land Use Planners
- Plant Scientists
- Teachers
- Wetland Delineators
- Wetland Mediators
- Others Seeking Training in Basic Soils

10 Ways to Benefit

Upon completion of this course, you will be able to:
1. Be capable to evaluate a soil for on-site waste water treatment
2. Understand and evaluate a soil for shrink-swell conditions
3. Be proficient to determine seasonal high soil water table
4. Be adept at determining a soil's texture
5. Be able to interpret a soil for potential development
6. Explain why certain soils exist in Florida
7. Understand how soils are mapped
8. Be competent to utilize a county soil survey
9. Be able to know what soil tests to ask for when sampling soils
10. Be confident to take additional Soil and Water Science short courses

Registration Information:
Sharon Borneman – Coordinator
University of Florida/IFAS
Office of Conferences & Institutes (OCI)
Building 639 Mowry Road
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Gainesville, FL 32611-0750
PHONE: (352) 392-5930
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soils.ifas.ufl.edu
Course Instructors

Mary E. Collins is a Professor in the Soil and Water Science Department at the University of Florida, Institute of Food and Agricultural Sciences (IFAS). Her expertise includes environmental pedology, ground-penetrating radar, forensic soil science, and subaqueous soils. Dr. Collins’ primary teaching responsibility is “Introduction to Soils in the Environment”.

James Bonczek is a lecturer in the Soil and Water Science Department. His principal research interests include reactions of ionizable organic compounds at clay surfaces, and the modification of soil colloid properties using cationic surfactants.

Registration Information

Enrollment in this course is limited to the first 20 participants and registrations will be accepted on a first-come, first-served basis. Please note that a copy of the course manual is optional for an additional fee that has already been added to the registration below.

All figures are presented in US dollars ($).

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<tr>
<th>Early Reduced Registration</th>
<th>Regular Registration</th>
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What Does the Fee Include?
The registration fee includes: a complimentary CD of the course materials and morning refreshments each day. It would be advisable for attendees to bring field clothes for the field trip, a field knife and tape measure. Participants are on their own for all meals.

Easy Ways to Register

1. ON-LINE: If paying by credit card, conveniently register on-line via the course web-site located at: http://soils.ifas.ufl.edu/

2. BY FAX: If paying by credit card, complete and FAX the registration form in this brochure.

3. BY MAIL: If paying by check, money order or purchase order, complete the registration form, and mail it along with payment to the University of Florida/IFAS Office of Conferences & Institutes (OCI) as directed on the form.

Refund Policy: Requests for registration refunds will be honored if the Office of Conferences & Institutes receives a written notification of cancellation on or before May 20, 2005. A $50.00 processing fee will be deducted from all registration refunds. Sorry, no refunds will be honored for cancellations after May 20, 2005.

Special Needs: Participants with special needs can be reasonably accommodated by contacting the Office of Conferences & Institutes at least 10 working days prior to the conference. We can be reached by phone at 1-352-392-1951, ext 244, by fax at 1-352-392-9734, or by calling 1-800-955-8771 (TDD), within the state of Florida.

Training Site

This course will be held on the campus of the University of Florida and at the Plant Science Research and Education Center at Citra, Florida. Lecture and in-door labs will be at the Soils Teaching Lab on campus. The field lab will be at Citra. Field clothes are recommended. Water and refreshments will be provided. A map with detailed directions to teaching lab on campus and to the field site will be mailed to you upon receipt of your registration.

Hotel Accommodations

Several hotel and motel establishments are available in the Gainesville area to provide guest room accommodations throughout the course. Participants are responsible for making their own hotel guest room reservations and a list of properties and applicable guest room rates will be sent to you upon request.

Course Topics:
- Why Are There So Many Soils? – Fundamentals of Soil Properties
- The ABC’s of Soil Science
- How Wet Is My Yard? – Soil-Water Table Dynamics
- What Information about Soil Is Available? – How Do I Use That Information?
- What Do I See When I Dig a Hole? – Field Applications of Acquired Knowledge

Training Information:
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