



Concepts of Watershed Hydrology

A Short Course

This workshop is a demonstration of and an introduction to a stand-alone, narrated and animated short course in PowerPoint ® on CD with accompanying workbook.

The purpose of this workshop is to help you – in turn – present the material to your associates, clients, and colleagues. Ultimately, the goal of the presentation is to enable more effective watershed management through participation in water resources policy considerations and particularly non-point sources of pollution (NPS) prevention and control.

Audience: Continuing, and life-long students, teachers, consultants, regulators, government agency personnel and officials, planning board members, soil and water conservation district personnel, or members of Non-Government Organizations.

Date and Time	Topic	Notes
SUNY-ESF	Room 110 Moon Library	
<i>November 10, 2003</i>		
8:00 AM	Registration	Walk-ins are not guaranteed space
8:30 – 10:00 AM	How does a watershed work?	Seven fundamental functions
10:00 – 10:30AM	Break	Networking, discussion, and refreshment.
10:30 – 12:00 Noon	Soil Storage, Water Balance, Resource Buffer Theory, Watershed Management	Four important and related concepts
12:00 – 1:00 PM	Lunch	Provided
1:15 – 2:45 PM	Walking field trip (hopefully in the rain)	Some examples amid relaxation
2:45 – 3:15 PM	Break	
3:15 – 4:45 PM	Study Questions, and Discussion	Windup, evaluation



Peter Black

Distinguished Teaching Professor Emeritus, Forestry

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Fundamentals of conservation: the practical and basic social issues

A Two-Day Short Course

This workshop is a condensation of a three-credit-hour course entitled Soil and Water Conservation Policy, offered on the SUNY ESF campus to students without prerequisites.

The purpose of the workshop is to promote understanding of the many categories of human activity that impact conservation concerns so as to better understand current issues and thus participate more effectively as citizens or as professional employees. Citizen participation in water quality decisions is mandated under federal law and the course focuses on the nonpoint sources of pollution and their prevention and control and the characteristics and behavior of effective partners.

Audience: Continuing, and life-long students, teachers, consultants, regulators, government agency personnel and officials, planning board members, soil and water conservation district personnel, or members of Non-Government Organizations.

Time and date	Topic	Notes
SUNY-ESF	Room 110 Moon Library	
<i>November 12</i>		
8:00 AM	Registration	
8:30 – 10:00 AM	Some pertinent history and water law	How did we get here?
10:00 – 10:30 AM	Break	
10:30 – 12:00 Noon	National organizations	Government, professional, social
12:00 – 1:00 PM	Lunch	Provided
1:15 – 2:45 PM	Regional, state, & local, organizations	They all have different missions
2:45 – 3:15 PM	Break	
3:15 – 4:45 PM	Policy, Planning, Partnerships	The first three Ps: very important

<i>November 13</i>		
8:30 – 10:00 AM	Pollution, Programs, and Permits	The next three Ps: important, too.
10:00 – 10:30 AM	Break	
10:30 – 12:00 Noon	Evaluation & water resource projects	So water is undervalued; so what?
12:00 – 1:00 PM	Lunch	Provided
1:15 – 3:00 PM	Mock hearing	Using some of what you've learned
3:00 – 3:15 PM	Break	
3:15 – 4:45 PM	Conservation: windup	Ah, yes: what <i>is</i> conservation?



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ESF Outreach
SUNY College of Environmental Science & Forestry
Syracuse, New York 13210-2784



ESF OUTREACH
SUNY College of Environmental
Science and Forestry

Concepts of Watershed Hydrology



Monday, November 10, 2003

SUNY College of Environmental
Science and Forestry

Room 110, Moon Library
1 Forestry Drive, Syracuse, NY 13210

Sponsored by
SUNY- ESF Faculty of Forest and Natural
Resources Management
SUNY-ESF Outreach

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PERMIT NO. 248

Concepts of Watershed Hydrology

This workshop will be useful to current, continuing, and life-long students, teachers, consultants, regulators, government agency personnel and elected or appointed officials, planning board members, soil and water conservation district personnel, and members of Non-Government Organizations.

This one-day workshop is a demonstration of and an introduction to a stand-alone, narrated and animated short course in PowerPoint® on CD with accompanying workbook, both included in the registration fee. The very affordable price makes it ideal for the public and professionals in all walks of life, for the teaching or practicing hydrologist, and for teachers of ninth-grade earth science classes and up.

The purpose of this workshop is to help you learn to present the material to your associates, clients, students, and colleagues. Ultimately, the goal of the presentation is to enable more effective watershed management through participation in water resources policy considerations and particularly non-point sources of pollution (NPS) prevention and control.

Preliminary Program

Monday, Nov. 10th

8:00 AM Registration in Moon Library

8:30 How does a watershed work?
• Seven fundamental functions

10:00-10:30 Break

10:30 Soil Storage, Water Balance, Resource

Concepts of Watershed Hydrology

Buffer Theory, Watershed Management

- Four important and related concepts

Noon Lunch (provided)

1:15 PM Walking field trip (hopefully in the rain)

2:45-3:15 Break

3:15-4:45 Study Questions and Discussion

- Windup, evaluation



Lodging in Syracuse:

Genesee Inn: (315)476-4212

Hawthorn Suites: (315)425-0500

Holiday Inn: (315)437-2761

Sheraton University Hotel: (315)475-3000

Wyndham Syracuse: (315)432-0200

Registration: Registration is limited to 30 participants. To save a seat, complete and mail the attached registration form with your registration fee. You may register by phone by calling ESF Outreach at (315)470-6817 or fax to (315)470-6890.

Fees: Your early registration, postmarked by Oct 27 is eligible for a discounted fee of \$95 (a government or corporate purchase order received by the deadline also qualifies for an early discount). If postmarked after Oct 27th, the full fee is \$115. The workshop fee includes lunch, refreshments and materials.

Fees are payable to:

SUNY Research Foundation.

VISA or MasterCard also accepted.

Refunds: SUNY-ESF reserves the right to cancel any program in the event of insufficient registrations. A full refund will be given if a program is cancelled. Participants who wish to withdraw must give written notice one week in advance to receive a full refund. After that date a \$25 cancellation fee will be charged. Substitutions are permissible at any time.

Questions? Questions about registration, call ESF Outreach at (315)470-6817.

Concepts of Watershed Hydrology Registration Form

Name _____

Organization _____

Address _____

City _____ State _____ Zip _____

Phone (_____) _____ Fax (_____) _____

email _____

Dietary or special needs _____

Register me for the Concepts of Watershed Hydrology on Monday, November 10, 2003. Enclosed is my registration fee, payable to SUNY Research Foundation.

Fees:

- o If postmarked by Oct 27th : \$95.00
- o If postmarked after Oct 27th: \$115.00

Credit Card Payment:

o VISA o Mastercard Expiration Date: _____

Account Number: _____

Signature : _____

Mail form to: ESF Outreach

Attention: Kathy Cole

SUNY College of Environmental Science & Forestry

219 Bray Hall, 1 Forestry Drive

Syracuse, NY 13210-2784

FAX: 315-470-6890

Early Registration Deadline: Oct 27, 2003



ESF Outreach
SUNY College of Environmental Science & Forestry
Syracuse, New York 13210-2784



ESF OUTREACH
SUNY College of Environmental
Science and Forestry

Fundamentals of conservation: the practical and basic social issues



Wednesday and Thursday,
November 12-13, 2003

SUNY College of Environmental
Science and Forestry

Sponsored by
SUNY- ESF Faculty of Forest and Natural
Resources Management
SUNY-ESF Outreach

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SYRACUSE, N.Y.
PERMIT NO. 248

Fundamentals of conservation: the practical and basic social issues

This workshop is a condensation of a three-credit-hour course entitled *Soil and Water Conservation Policy*, offered on the SUNY ESF campus to students without prerequisites.

The purpose of the workshop is to promote understanding of the many categories of human activity that impact conservation concerns so as to better understand current issues and thus participate more effectively as citizens or as professional employees. Citizen participation in water quality decisions is mandated under federal law and the course focuses on the nonpoint sources of pollution and their prevention and control and the characteristics and behavior of effective partners.

This workshop will be most useful to current, continuing, and life-long students, teachers, consultants, regulators, government agency personnel and officials, planning board members, soil and water conservation district personnel, or members of Non-Government Organizations.

Preliminary Program

Wednesday, Nov. 12th

8:00 AM Registration in Moon Library

8:30 Some pertinent history and water

- How did we get here?

10:00 Break

10:30 National organizations

- Government, professional, social

Noon Lunch (provided)

- 1:15 PM Regional, state & local, organiza-

Fundamentals of conservation: the practical and basic social issues

tions

- They all have different missions

2:45-3:15 Break

- 3:15-4:45 Policy, planning, partnerships
- The first three P's: very important.

Thursday, Nov. 13th

- 8:30 Pollution, programs and permits
- So are the second three!

10:00 Break

- 10:30 Evaluation and water resource projects.
- So water is undervalued; so what?

Noon Lunch (provided)

- 1:15 Mock hearing
- Using some of what you've learned.

3:00 Break

- 3:15 - 4:45 Conservation: windup
- Ah, yes: what is conservation?



Lodging in Syracuse:

Genesee Inn: (315)476-4212
Hawthorn Suites: (315)425-0500
Holiday Inn: (315)437-2761
Sheraton University Hotel: (315)475-3000
Wyndham Syracuse: (315)432-0200

Registration: Registration is limited to 30 participants. To save a seat, complete and mail the attached registration form with your registration fee. You may register by phone by calling ESF Outreach at (315)470-6817 or fax to (315)470-6890.

Fees: Your early registration, postmarked by Oct 29th is eligible for a discounted fee of \$115. (a government or corporate purchase order received by the deadline also qualifies for an early discount). If postmarked after Oct 29th, the full fee is \$145. The workshop fee includes lunch, refreshments and materials.

*Fees are payable to SUNY Research Foundation.
VISA or MasterCard also accepted.*

Refunds: SUNY-ESF reserves the right to cancel any program in the event of insufficient registrations. A full refund will be given if a program is cancelled. Participants who wish to withdraw must give written notice one week in advance to receive a full refund. After that date a \$25 cancellation fee will be charged. Substitutions are permissible at any time.

Questions? Questions about registration, call ESF Outreach at (315)470-6817.

Fundamentals of conservation: the practical and basic social issues

Registration Form

Name _____

Organization _____

Address _____

City _____ State _____ Zip _____

Phone (____) _____ Fax (____) _____

email _____

Dietary or special needs: _____

Register me for the Fundamentals of conservation: the practical and basic social issues on Wednesday and Thursday November 12-13, 2003. Enclosed is my registration fee, *payable to SUNY Research Foundation*.

Fees:

If postmarked by Oct 29th : \$115.00

If postmarked after Oct 29th: \$145.00

Credit Card Payment:

VISA Mastercard Expiration Date: _____

Account Number: _____

Signature : _____

Mail form to: ESF Outreach
Attention: Kathy Cole

SUNY College of Environmental Science & Forestry
219 Bray Hall, 1 Forestry Drive
Syracuse, NY 13210-2784

FAX: 315-470-6890

Early Registration Deadline: Oct. 29, 2003