

A Symposium for Watershed Stewards: The Science behind Forest Management in Watersheds

**September 26, 2001
Kingston, New York**

Sponsored by-

SUNY-ESF Faculty of Forest and Natural Resources Management
USDA Cooperative State Research, Education and Extension Service
Watershed Forestry Program
New York City Department of Environmental Protection
New York Center for Forestry Research and Development
Catskill Forest Association

A properly managed, working, forested landscape can provide high quality water to consumers while simultaneously providing timber products, recreation opportunities, wildlife habitat and scenic beauty. Yet, while forestry is the preferred land use in municipal watersheds, water quality can be compromised by forest management activities due to erosion, sedimentation and nutrient loading.

The symposium will feature science-based presentations that provide the empirical foundation for managing forested watersheds. Presentations will examine some of the latest research on the relationship between harvesting trees and nutrient cycling, synthesize established research on the effectiveness of Best Management Practices in controlling erosion and sedimentation on harvest sites, and discuss the impacts of increasing forestland parcelization on watershed management. The symposium will provide practical information for on-the-ground management and decision-making.

Who Should Attend:

- individuals involved in watershed management at the municipal, state or federal level,
- foresters, loggers and natural resource professionals who work within a watershed
- landowners with forestland within a watershed
- interested individuals seeking knowledge on watershed management

Featured Presenters:

Paul Barten, Associate Professor, University of Massachusetts
Douglas Burns, Research Scientists, U.S. Geological Survey
Pamela Edwards, Hydrologist, USDA Forest Service
René Germain, Assistant Professor, SUNY-ESF
Thom Kyker-Snowman, Associate Professor, University of Massachusetts
Wayne Martin, USDA Forest Service
Peter Murdoch, Research Scientists, U.S. Geological Survey
Ruth Yanai, Associate Professor, SUNY-ESF

Moderator: *Peter Black*, Distinguished Teaching Professor, SUNY College of Environmental Science and Forestry
Moderator: *Brian Fisher*, Forestry Program Manager, Watershed Agricultural Council

Continuing Forestry Education Credit:



SAF Certified Forester Credits: This symposium has been approved for 7 Category I Continuing Forestry Education credits.

New York Logger Training approved.



Workshop Location: Holiday Inn, Kingston, New York. Directions will be sent with acknowledgment of registration.

Lodging: We have reserved a block of rooms at the Holiday Inn for Tuesday night, September 25 for symposium participants. Please specify that you will be attending the Watershed Symposium to receive the symposium rate of \$79. Reservations may be made by phone at (845) 338-1299 or (845) 338-0400. The reservation deadline is August 26, 2001.

Questions? Contact ESF Continuing Education at (315) 470-6891.

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Preliminary Agenda

- 8:30am Registration
- 9:00 **Morning Session**, Moderator: *Peter Black*, Distinguished Teaching Professor, SUNY College of Environmental Science and Forestry
- The Influence of Forest and Forest Uses on Streamflow**, *Pamela Edwards*, Research Hydrologist, USDA Forest Service
- Calcium Depletion: Acid Rain or Aging Forests?**, *Ruth Yanai*, Associate Professor, SUNY College of Environmental Science and Forestry
- Effects of Timber Harvest on Nutrient Export from Two Small Watersheds in the Catskills**, *Peter Murdoch*, Research Scientist, U.S. Geological Survey
- Acid Precipitation, Base Cation Depletion, and Forest Management in the Catskills**, *Douglas Burns*, Research Scientist, U.S. Geological Survey
- Noon Lunch Break
- 1:00pm **Afternoon Session**, Moderator: *Brian Fisher*, Forestry Program Manager, Watershed Agricultural Council
- Best Management Practices: Why We Need Them**, *Wayne Martin*, Research Forester, USDA Forest Service
- Adaptive Management of the Quabbin Watershed Forest**, *Paul Barten*, Associate Professor, University of Massachusetts and *Thom Kyker-Snowman*, Natural Resources Specialist- Forest, Metropolitan District Commission, Boston, MA
- Forestland Parcelization in the New York City Watershed**, *René Germain*, Assistant Professor, SUNY College of Environmental Science and Forestry
- 4:00 **Concluding Remarks**

The Science behind Forest Management in Watersheds *"A Symposium for Watershed Stewards"*

Call for Presentations

The symposium will feature several research-based presentations that provide the empirical foundation for managing forested watersheds. The program committee for this symposium is seeking papers in the following topic areas:

Impact of forest management on:

1. bio-geochemical processes
2. water yield
3. sedimentation and non-point source pollution
4. riparian corridor management

Please note: Presentations must be targeted to an audience of watershed managers, foresters, landowners, loggers and policymakers. Please send one-page abstracts to René Germain by August 1, 2001.

Symposium contact: René H Germain, Faculty of Forestry, SUNY-ESF, 1 Forestry Drive, 211 Marshall Hall, Syracuse, NY 13210 Phone: (315) 470-6698 Fax: (315) 470-6956

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Registration Information

To Register: *Please preregister!* Simply fill out and mail the [registration form](#) with your registration fee. You may register by phone by calling ESF Continuing Education at (315) 470-6891; or fax to (315) 470-6890.

Registration Deadline: Registrations *and payment* must be postmarked by September 12, 2001 to qualify for the early discount. Government or corporate purchase orders received by the deadline qualify for the early discount.

Registration fee: Register **and pay early** for the early discount fees. All fees are payable to: *SUNY Research Foundation*.

Paid by September 12, 2001: \$25

Paid after September 12, 2001: \$45

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 canceled. 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.

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Registration Form

Print and Mail or Fax to ESF Continuing Education

Name _____

Organization _____

Address _____

City _____ State _____ Zip _____

Phone (____) _____ Fax (____) _____

email _____

Special needs: _____

Register me for the Watershed Symposium.

Enclosed is my symposium fee, *payable to SUNY Research Foundation*:

Registration fee: \$45 ; \$25 before September 12, 2001

Credit card payment: VISA MasterCard

Account #: _____

Expires: _____ Signature: _____

Mail or fax form to:

ESF Continuing Education
SUNY College of Environmental Science & Forestry
1 Forestry Drive, Syracuse, NY 13210-2784

FAX: 315-470-6890

Early Registration Deadline : September 12, 2001