

## WATERSHED ECOLOGY

### Workshop

Wednesday, May 8, 2013

8:30am to 4:00pm

### AGENDA

#### *Morning indoor sessions*

*8:30am - 12 noon*

*(with breaks)*

- Registration & Coffee (NHANRS)
- Introduction & Welcome  
- Jim Kennedy (NHANRS)
- Hubbard Brook Overview & Hydrogeology  
- Scott Bailey
- Climate Research - John Campbell
- Migratory Bird & Wildlife Studies  
- Nick Rodenhouse
- Winter Biogeochemistry - Pam Templer

*Lunch - supplied by NHANRS  
and included in the registration fee*

#### *Afternoon session 1:00pm - 4:00pm*

- Participants will split into rotating groups to visit current research sites
- Wrap-up & issue of certificates

**Registration and morning sessions will be  
in the Robert Pierce Laboratory**

## Workshop Description

The NH Association of Natural Resource Scientists (NHANRS) and the Hubbard Brook Research Foundation are co-sponsoring this day-long workshop for natural resource professionals and conservationists which will highlight current research at the Hubbard Brook Experimental Forest in North Woodstock, NH.

### ABOUT HUBBARD BROOK

The Hubbard Brook Experimental Forest (HBES) was established by the US Department of Agriculture (USDA) Forest Service in 1955 as a major center for hydrologic research in New England. The 3,037-hectare, bowl-shaped Valley in the White Mountain National Forest is covered by unbroken forest of northern hardwoods with spruce and fir at higher elevations.

Other salient features include relatively impermeable bedrock; well-defined watershed boundaries; reasonably homogeneous geologic features, soil types, vegetation and climate; evenly distributed precipitation and perennial streamflow; and the absence of major forest cutting for about 80 years.

Currently, cooperative agreements exist between the USDA Forest Service, Cornell University, Dartmouth College, Syracuse University, Yale University, the Institute of Ecosystem Studies (IES), the US Geological Survey, and numerous other academic institutions and government and private organizations.

The Forest has developed into a relatively complex matrix of projects involving a large number of scientists from diverse disciplines, and over 1750 publications have been produced through the HBES, providing a wealth of information on the structure, function and development of forest, stream and lake ecosystems.

## Watershed Ecology Workshop

Wednesday 5/8/2013

### REGISTRATION FORM

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Check# \_\_\_\_\_

### REGISTRATION FEE (includes lunch)

NHANRS Active Members	\$50.00
Non-Members:	\$60.00
Students & Hubbard Brook Associates	\$20.00

**Lunch** is provided and will include assorted sandwiches and beverages.

Please notify us in advance if you have special needs in order to participate so we can make the necessary arrangements.

Pre-registration is required.

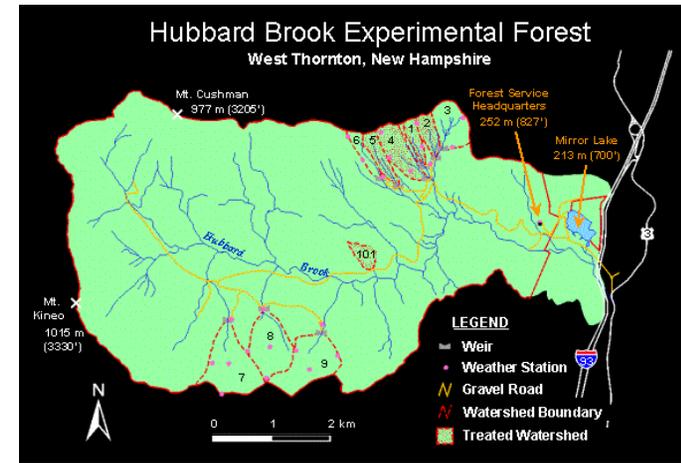
Mail your registration form and check (payable to NHANRS) by May 3, 2013 to:

**NHANRS  
PO Box 110  
Concord, NH 03302**

*Please note: You will not be added to the registration list until payment is received*

No refunds for cancellations  
Contact Susan Faretra with any questions:  
assistant@nhans.org  
603-224-0401 (NHANRS phone)  
603-228-0423 (NHANRS fax)

# Watershed Ecology Workshop at Hubbard Brook



**Hubbard Brook Experimental Forest**  
234 Mirror Lake Road  
North Woodstock, NH 03262  
603-726-8902

## Directions to Hubbard Brook

### From the South

Take I-93 North to Exit 29. Turn left onto Route 3 North for about 4 miles to the village of Thornton. Turn left onto Mirror Lake Road and follow signs for Hubbard Brook Experimental Forest. Proceed up Mirror Lake Road to the end. The USFS building is the reddish-brown building on the hill. Parking is behind the building at the top of the hill.

### From the North

Take I-93 South to Exit 30. Turn right onto Route 3 South for about 3 miles to the village of Thornton. Turn right onto Mirror Lake Road and follow signs for Hubbard Brook Experimental Forest. Proceed up Mirror Lake Road to the end. The USFS building is the reddish-brown building on the hill. Parking is behind the building at the top of the hill.

**NHANRS** is a non-profit professional organization which promotes the responsible use of natural resources, as well as representing the diverse private, public, and educational interests of its membership. Members include Wetland Scientists, Soil Scientists, Wildlife Biologists, and Foresters, with associated Conservation Commission and Student memberships.

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**8:30am to 4:00pm**

This workshop is sponsored by:

*NH Association of Natural  
Resource Scientists (NHANRS)*

&

*Hubbard Brook Research Foundation,  
US Forest Service*

## CONTINUING EDUCATION

This workshop is available for a minimum of 6.0 contact hours of professional education for Wetland Scientists, Soil Scientists, Wildlife Biologists and Foresters through the New Hampshire Joint Board of Licensure.

