

# 2008 Community Conservation Workshop Series

## Interpreting Aerial Photos for Wetlands, Forestry and Land Conservation

Thursday May 1, 2008, 5pm - 9pm  
Forest Society, Concord

Aerial photos are one of the most common and useful tools used for identifying landscape features and planning and monitoring a variety of land management activities. Aerial photos can be especially helpful for identifying and mapping wild-life habitats, wetlands and forest timber types. Photos from different years can be compared to identify property boundaries, past land uses and landscape changes. This workshop will introduce the tools and main concepts helpful for becoming proficient with aerial photos. You will learn how to identify basic forest types, identify wetland areas, make area measurements and calculations from aerial photos of different scales, and monitor changes in vegetation and land use over time. The principles of photo interpretation will be presented, including use of color infrared photography. The integration and use of air photos in the GIS environment will also be covered.

**What to bring:** BRING YOUR OWN BROWN BAG SUPPER (we will provide juice and cookies), pencil, eraser, something to write on.

### Directions to the Society of the Protection of NH Forests:

See directions to the Forest Society given with the April 11 workshop (*Identifying Woody Wetland Plants in Winter Mode*)

**Instructors:** Sam Stoddard and Phil Auger (UNH Cooperative Extension)

## Rooting out Coastal Invasive Plants

Friday August 8, 2008, 1pm - 4pm  
Great Bay NERR, Greenland NH

Coastal plant communities are changing in New Hampshire as direct and indirect effects from our activities result in establishment and spread of invasive plants. Land managers need to consider invasive exotics in management plans. Beyond identification, control needs to consider the underlying cause of the invasion and alternatives to manage spread. We will set up a long-term experiment to compare Phragmites control by cutting, pulling/cutting rhizomes, and herbicide treatments.

**What to bring:** Clothing appropriate for any predicted weather, gardening/work gloves, eye protection, boots/sneakers that can get muddy, a sense of humility, personal drinking water, a good field hat, and pencil.

**Directions:** *The workshop will be held at the Hugh Gregg Coastal Conservation Center at the Great Bay National Estuarine Research Reserve education campus at Sandy Point, 91 Depot Road Greenland NH, 03840. The Center is located on the shores of Great Bay at the end of Depot Road. Depot Road runs north off Rte 33 and is ¼ mile east of Squamscott Road in Stratham or 6 miles west of I-95. Rte 33 runs East-West from 108 in Stratham and I-95 on Portsmouth.*

**Instructors:** Dr. David Burdick (Jackson Estuarine Laboratory UNH), Kathy Mills and Steve Miller (Great Bay National Estuarine Research Reserve)

## How to Learn and Use Bird Songs and Bird Surveys – Part 1

(indoor)

Thursday May 22, 5pm - 8pm

Rochester Waste Management Meeting Facility, Rochester

This is the first of a two-part workshop. At this indoor session you will learn why, when and how to conduct bird surveys with Mark Suomala, an experienced birder and naturalist who has conducted multiple bird surveys while working as a field biologist for the Audubon Society of New Hampshire, the U.S. Fish and Wildlife Service, and the U.S.D.A. Forest Service. This workshop will explain the reasons for conducting bird surveys and ways to evaluate the survey results. Methods for learning bird songs will be demonstrated with a chance to practice your skills during the two weeks between sessions.

**What to bring:** BRING YOUR OWN BROWN BAG SUPPER (we will provide juice and cookies), notepaper and pen.

**Directions:** *From Spaulding Turnpike, take Exit 12, go south on Rt. 125, go through two sets of lights and at the third light take a left onto Rochester Neck Road. Follow directions below for travel once on Rochester Neck Road.*

*From Rte 4, go north on Rt. 125 at the Lee traffic circle. Travel north on Rt 125 through the intersection of Rt. 9 (at traffic light at about 5 miles). Approximately 2 miles after this intersection, take a right at the traffic lights onto Rochester Neck Road.*

*From both north and south directions, continue on Rochester Neck Road for approximately ½ mile and take the 2nd left (driveway). You will see a large blue maintenance shop with ABC Graphics. At the left of this building is a smaller building which is our classroom. Pull up in front of the class room and park.*

**Instructor:** Mark Suomala, Naturalist

## Evaluating Wetlands Using the Revised NH Method

Friday August 22, 2008, 1pm - 4pm

Wakefield, NH

The New Hampshire Method for evaluating wetlands is currently being revised and updated, 16 years after its publication! At this field-based workshop, we'll visit a large diverse wetland complex (including marsh, open water, and forested wetland areas) that drains into Great East Lake in Wakefield. We'll conduct a wetland field evaluation using some of the revised NH Method functions. You'll learn about what's new with the NH Method, and much about wetland functions and values and wetland ecology.

**What to bring:** Clothing appropriate for any predicted weather, waterproof boots/old sneakers, clipboard, pencil with eraser, sunscreen, bug spray, personal drinking water. Be prepared for damp, muddy conditions.

**Directions:** *From North or South on Route 16 through Sanbornville to the Exit for Wakefield Road and Historic Section of Wakefield. Turn right onto Wakefield Rd. Take Wakefield Rd to intersection with Route 153. Turn left onto Route 153. Take Route 153 north approximately one mile to its intersection with Canal Road. Turn right onto Canal Road. Parking will be on the right side of Canal Road, about ½ mile down the road. A sign will be posted at this location.*

**Instructors:** Nancy Rendall (Wetland Scientist, Blue Moon Environmental), Frank Mitchell and Amanda Stone (UNH Cooperative Extension)

## How to Learn and Use Bird Songs and Bird Surveys – Part 2

(outdoor)

Friday June 6, 7am - 10am

(with the option of staying longer from 10am – noon)

Bellamy River Wildlife Management Area, Dover

This is the second of a two-part workshop. Birder and naturalist Mark Suomala will lead a field trip to practice identifying bird songs. The field trip will include a hike to set up a point-count transect in the field, walk the transect and then record the data. Early morning is the height of bird activity, and the early start (7am) will allow the opportunity to hear and see a variety of species. Those who have to leave earlier can leave at 10am, those who are able to stay longer can continue to practice their birding and survey skills from 10am-12 noon.

**What to bring:** Portable breakfast/snacks, personal drinking water, clothing appropriate for any predicted weather, bug spray, BINOCULARS, clipboard, notepaper and pencil with eraser.

**Directions:** *From Route 108 (Durham Rd) in Dover, take Spruce Lane (approx. 1.1 miles south of Rt 16/Spaulding Turnpike and 2.4 miles north of Rt 4.) east to the end. From Route 4 in Dover at traffic light, take Back River Road, then right on Rabbit Road, right on Garrison Road then left at the sign to the gate.*

**Instructor:** Mark Suomala, Naturalist

## Identifying Wetland Plants in Summer

Friday July 11, 2008, 1 - 4pm

Nottingham Elementary School, Nottingham

This workshop provides an opportunity to learn a wide variety of wetland plant species during the summer season in their field condition. Join wetland scientist Mark West and explore wooded swamps, open marshes, vernal pools and scrub-shrub wetlands and identify the dominant herbaceous plants in each wetland plant community. We'll learn about easy identification tools and plant associations and structure. We will also learn how the herb layer contributes to the habitat diversity of each wetland type and go on a scavenger hunt for species diversity.

**What to bring:** Clothing appropriate for any predicted weather, hat, waterproof boots/old sneakers, bug spray, sunscreen, personal drinking water and any plant field guides you prefer to use.

**Directions:** *From Route 4 from the east or west, turn onto Route 152 south (Nottingham Road) at the Nottingham/Northwood border. Travel on Route 152 in Nottingham for approximately 3.6 miles to the Nottingham Elementary School on the left and take the first left after the school onto Priest Road. Look for the sign for Knights Field. The field parking lot is 0.6 miles down on the left before the powerlines.*

*From Route 125 take Route 152 north and go 6.3 miles to Priest Road on the right and follow signs to Knights Field (See above). Street address for Nottingham School is 245 Stage Road, Nottingham.*

**Instructor:** Mark West (West Environmental)

## REGISTRATION FORM

Please complete this form and send it to the following address:

UNH Cooperative Extension  
218 Nesmith Hall, 131 Main Street  
Durham, NH 03824-3597  
(603) 862-1029 or  
Fax to: (603) 862-0107

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

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

Town: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

E-Mail: \_\_\_\_\_

Fax: \_\_\_\_\_

Affiliation (if any): \_\_\_\_\_

- Identifying Woody Wetland Plants in Winter Mode
- Interpreting Aerial Photos for Wetlands, Forestry and Land Conservation
- How to Learn and Use Bird Songs and Bird Surveys - Part 1 (indoor)
- How to Learn and Use Bird Songs and Bird Surveys - Part 2 (outdoor)
- Identifying Wetlands Plants in Summer
- Rooting out Coastal Invasive Plants
- Evaluating Wetlands Using the Revised NH Method

UNH Cooperative Extension is an equal opportunity educator and employer. University of New Hampshire, U.S. Department of Agriculture and N.H. counties cooperating.

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Wakefield, NH

UNH Cooperative Extension  
214 Nesmith Hall  
131 Main Street  
Durham, NH 03824-3597

807590

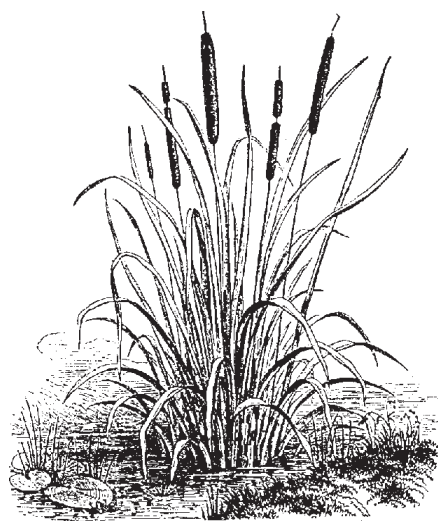


## 2008 Community Conservation Workshop Series

Join us for another fun series of Community Conservation Workshops this spring and summer. The workshops focus on a variety of natural resources issues that professionals and volunteers involved in conservation work will find useful. Field workshops will be held rain or shine. Two of the workshops are indoor evening sessions. The workshops are free but pre-registration is required. To register for one or more of the following events, return the registration form in the mail or call Sharon Hughes (UNH Cooperative Extension) 862-1029 or email at Sharon.hughes@unh.edu.

### Workshops sponsored by:

Blue Moon Environmental  
Great Bay National Estuarine Research Reserve  
UNH Jackson Estuarine Laboratory  
Mark Suomala, Naturalist  
Southeast Land Trust of NH  
UNH Cooperative Extension  
West Environmental



### Identifying Woody Wetland Plants in Winter Mode

Friday, April 11, 2008, 1pm - 4pm  
Forest Society, Concord, NH

What can plants tell us about their habitats? Wetlands come in many varieties and knowing their plants can help us distinguish the different types. Wetland trees and shrubs are readily identified even without their leaves, giving us insight into their ecology. This workshop will emphasize recognition of woody wetland plants by their winter characteristics – bark, bud arrangement, bud scale scars, leaf scars and other sometimes small but noticeable features. The field site for this workshop includes a freshwater wetland along a small stream as well as a floodplain forest and other wetland habitats.

**What to bring:** Clothing appropriate for any predicted weather, drinking water, something to write with, trees/shrub field guides (a few will be available for workshop use) and a magnifying lens. Binoculars may be useful.

### Directions to the Society of the Protection of NH Forests:

From the North: Take I-93 South to Exit 16 (E. Concord/Route 132). Turn left onto W. Portsmouth Street. Turn slight right onto East Side Drive/Rte. 132. Turn right onto Portsmouth Street. Turn in at entrance marked "Conservation Center"

From the South: Take I-93 North to Exit 16 (E. Concord/Route 132). Turn right onto W. Portsmouth Street. Follow "From the North" directions

From the East: Take Route 4 West. Merge onto I-393 West. Take Exit 2 (East Side Drive/Route 132). Turn right onto East Side Drive. Turn left onto Portsmouth Street. Turn in at entrance marked "Conservation Center"

From the West: Take I-89 South to I-93 North. Follow "From the South" directions

**Instructors:** Frank Mitchell, Phil Auger and Matt Tarr (UNH Cooperative Extension)

See inside for more workshop information

