



# March GIS and GPS Workshops In Concord, NH

## Pictures, Points and Places

March 5, 2008  
9am to 4pm  
(1-day workshop)

Topics covered:  
basic GPS  
basic GIS  
image hyperlinks

**\$90**

### Skill level: The Basics

Learn how to link digital pictures with corresponding GPS points for use in GIS maps! This course is designed to be useful for people with no prior GIS experience, as well as, current GIS users interested in collecting georeferenced digital pictures. Hyperlinking pictures with GPS points will allow pictures to be viewed interactively in GIS programs. Basic GIS concepts will be covered, including creating GIS maps. A free GIS program (AccuGlobe) is utilized for most of the GIS exercises, but instruction is provided for linking pictures in ESRI software, as well as, exporting linked points and pictures to Google Earth.

### Participants will learn to:

collect data with Garmin GPS receivers; export GPS data to GIS shapefiles; link GPS points to corresponding digital pictures; map GIS and GPS data with AccuGlobe

## GIS on Pennies a Day

March 6, 2008  
9am to 4pm  
(1-day workshop)

Topics covered:  
GIS concepts  
low cost GIS software  
GIS data in NH

**\$90**

### Skill level: The Basics

Lean GIS basics and explore a variety of GIS programs you can get for little or no cost (for PC's and Macs)! This course is useful for people who have no prior GIS experience and GIS users interested in low cost options. The GIS world has experienced an explosion of free and inexpensive programs that allow users to make maps, edit data and preform geographic analysis without breaking the bank. In this workshop, participants will have a chance to get their feet wet with numerous free and low cost GIS programs, learning the pros and cons of each. We will also cover GIS basics, common types of GIS data, and getting GIS data in NH.

### Participants will learn to:

make GIS maps; download free GIS data; edit and manipulate GIS data and tables; calculate area; query GIS data; use basic geoprocessing tools, symbolize GIS data

## Introduction to ArcGIS 9.2

March 11-13, 2008  
9am to 4pm  
(3-day workshop)

Topics covered:  
GIS concepts  
GIS techniques  
ArcGIS 9.2

**reduced \$275**  
**standard \$450**

### Skill level: Fundamentals

Learn the basics of working with ArcGIS 9 in a hands-on learning environment! This course is useful for people who have no prior GIS experience, as well as those who have used ArcView 3, but are new to ArcGIS 9. Familiarity with Windows is highly recommended. With a focus on New Hampshire data and applications, participants learn how to use ArcGIS 9 to produce attractive, effective maps. In addition, each participant receives their own detailed step-by-step manual to use as a reference after the course is over.

### Participants will learn to:

symbolize GIS data; add labels and annotation; query data; use geoprocessing tools: merge, buffer, dissolve; manipulate attribute tables by adding fields, calculating values, and joining tables; import data into ArcGIS

## SPACE IS LIMITED - REGISTER EARLY

**Registration info:** Sharon at [sharon.hughes@unh.edu](mailto:sharon.hughes@unh.edu) or 603.862.1029

**Register online:** go to link <http://extension.unh.edu/GISGPS/GISGPS.htm> and click on "Register Now!"

**For info on course content:** Shane at [sbradt@ceunh.unh.edu](mailto:sbradt@ceunh.unh.edu) or 603.862.4277

Full payment is required to reserve a space.

Note: If you have special needs that need accommodation, please contact us 3 weeks in advance of the program date. UNHCE is an equal opportunity educator and employer. University of New Hampshire, U.S. Department of Agriculture, and NH counties collaborating.

