

# CLEAR Programs in Action

## Geospatial Technology Program (GTP)

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Cary Chadwick (right), CLEAR Geospatial Technology Specialist, helping students set up their GPS receivers at Haddam Meadows State Park.

The Geospatial Technology Program conducts hands-on training courses to introduce new users to GIS, GPS and remote sensing technologies, and connects existing users to data sources and the latest developments in the geospatial world.

## NEMO Program (Nonpoint Education for Municipal Officials)

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The NEMO Program is a statewide program for Connecticut communities that focuses on the links between land use and water resource protection. NEMO has been educating local land use decision makers since 1991 on a range of topics related to

stormwater management and natural resource-based planning. NEMO is a partnership between Extension and the Connecticut Sea Grant College Program.



A sample of NEMO publications and websites that provide topical and technical background to NEMO workshops. NEMO also produces a yearly newsletter for local officials.

## National NEMO Network

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National NEMO Network group at the 5th NEMO University conference held in Middletown, CT in October 2006.

The National NEMO Network is a group of projects patterned after the University of Connecticut NEMO Program. Currently comprised of programs in 30 states, the Network exists to share ideas, resources and tools in the pursuit of educating local land use decision makers on balancing growth and natural resource protection.

## Land Use Planning

Jim Gibbons, *Land Use Extension Educator*

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Jim Gibbons conducts the Open Space Planning workshop.

The Land Use Planning program is a statewide program that addresses basic planning issues and procedures for Connecticut communities. The program works closely with the NEMO, GVI and Land Use Academy programs.

## Forestry Program

(Coverts Project)

**Steve Broderick**, GVI Co-Director, Extension Educator

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(Forest Stewardship)

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(Urban and Community Forestry, Meskwaka Project)

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Volunteers learn how to plant a tree the right way as part of the Meskwaka Tree Project urban forestry volunteer training. (Photo courtesy of Robert Ricard, Forestry Program.)

The University of Connecticut's Extension Forestry Programs provide information and assistance to the private landowners that own the majority of Connecticut's forest lands. The Coverts Project and the Forest Stewardship Program help

landowners develop skills and formulate plans to better manage their forest lands, while the Urban and Community Forestry Program and Meskwaka Tree Project assist communities in caring for their trees and wooded landscapes.

## Land Use Academy

**Terri Erwin, PhD**, Land Use Academy Coordinator

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Local officials from the greater Hartford region review maps at the Land Use Academy's Map Reading for Site Plan Review workshop.

The Land Use Academy provides practical and accessible education for local land use decision-makers across the state, focusing on skills and knowledge needed to serve effectively on a land use board.

## Green Valley Institute (GVI)

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A collage of educational materials used by GVI to help educate the Connecticut's Heritage Corridor communities.

The Green Valley Institute is a regional program that was formed in 1999 as a partnership between the University of Connecticut and the Quinebaug-Shetucket National Heritage Corridor, an area that is comprised of 27 communities in northeastern Connecticut and southeastern Massachusetts. GVI helps Heritage communities and citizens sustain their environment and quality of life while growing their economies.

## LERIS (Laboratory for Earth Resource Information Systems)

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Students in the LERIS lab. (Photo courtesy of Sandy Prisloe, GTP.)

LERIS is the main research program of CLEAR, and the principal place at the University of Connecticut for conducting remote sensing and GIS research focused on natural resources, landscape characterization and change, and the interaction of the two. LERIS also is the main group at the Department of Natural

Resources Management and Engineering for the leading undergraduate and graduate education and training on earth resources information systems in the state.