



Goals of 4-H

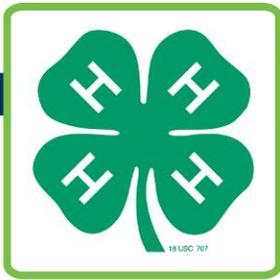
Engaging young people in the
work of the Land-Grant
University and USDA



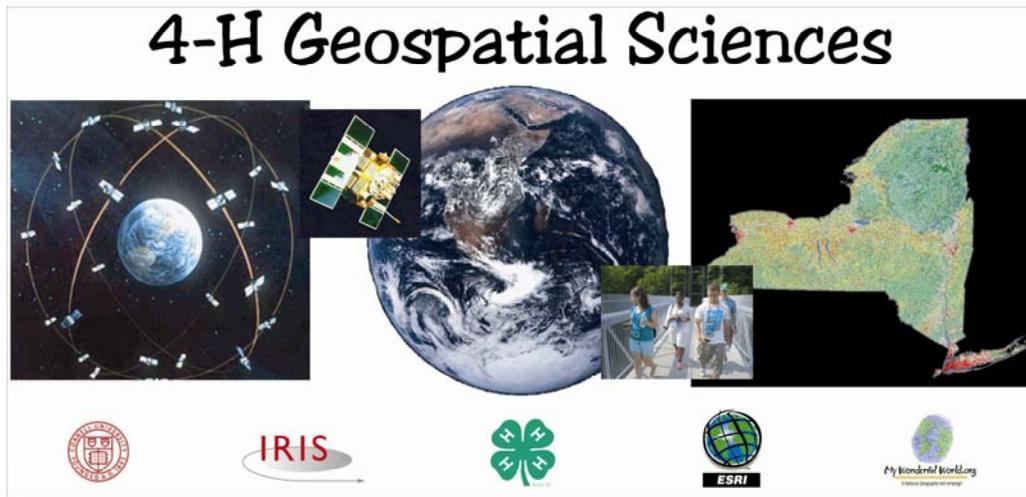
4-H Connects Kids to Cornell



Cornell University
Cooperative Extension



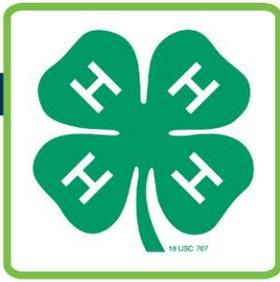
Building a 4-H Geospatial Program in NY



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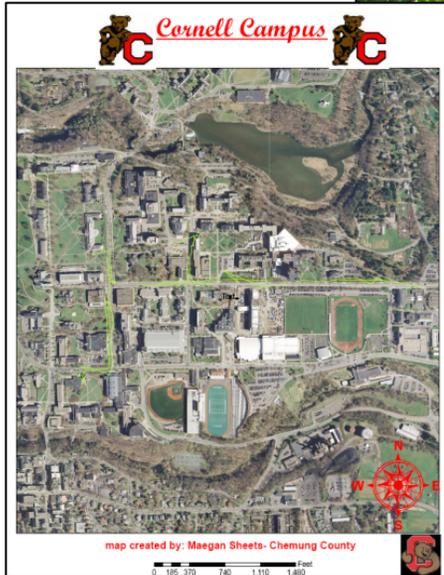
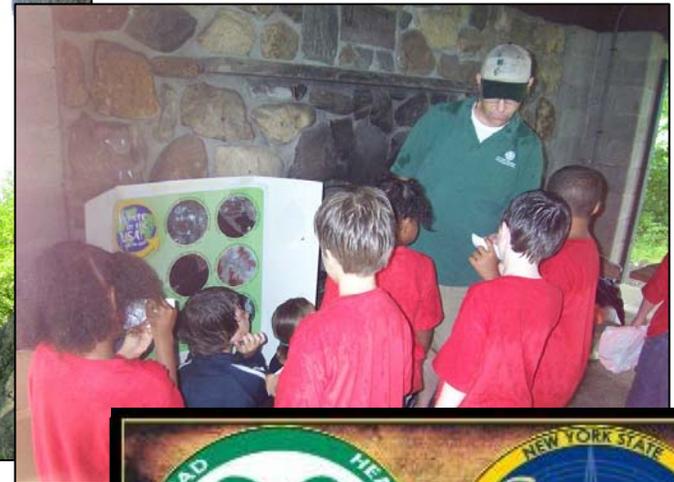


4-H Youth

Cornell
Career
Explorations



Geography
Day Camp



Finding Your Favorite Places
4-H Career Focus
June 26-28, 2007

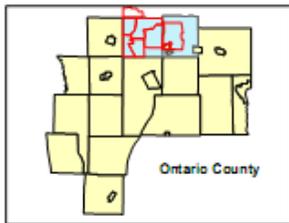


Geocoins
for Geocaching





Community Mapping Project

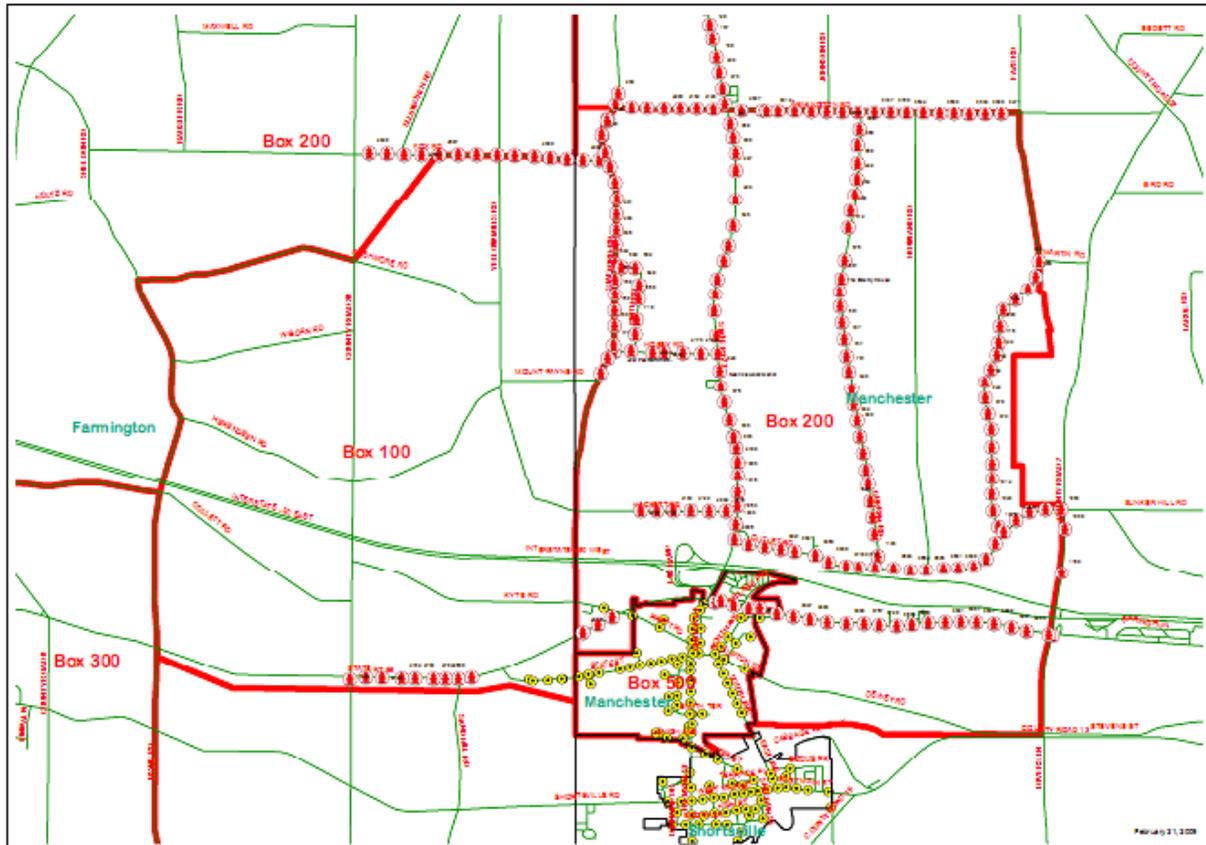


In February 2009, a group of 4-Hers in the GeoSeekers 4-H club mapped the fire hydrants in the town of Manchester NY at the request of the town Fire Department and the County Emergency Planning Office. This information was turned over to the County Planning Department and compiled into a book of maps which resides in every fire engine.

4-H GeoSeekers

Legend

-  Town Hydrants
-  Municipal Boundaries
-  Village Hydrants
-  Street Centerlines
-  Ontario County Fire Box



Manchester Hydrant Mapping Project

0 0.5 1 2 Miles





NY State Fair

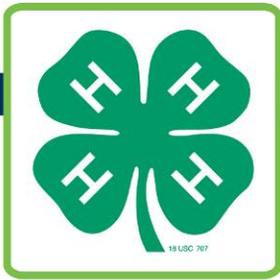


Family
Fun

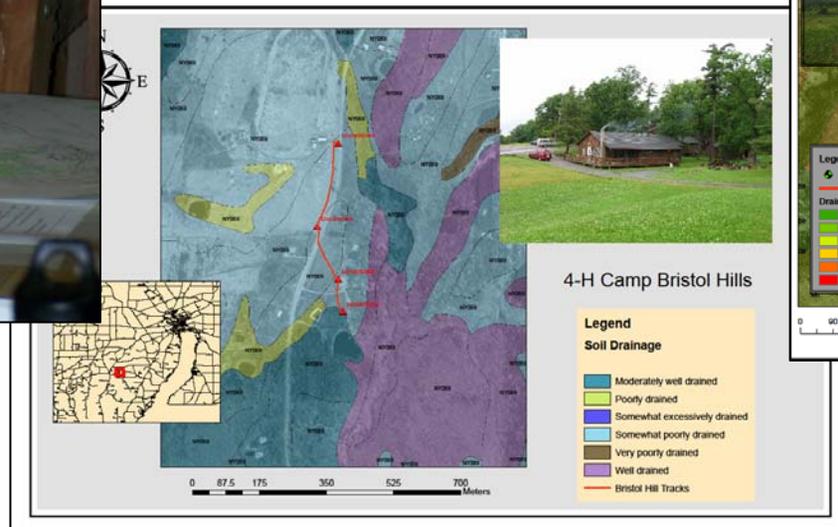
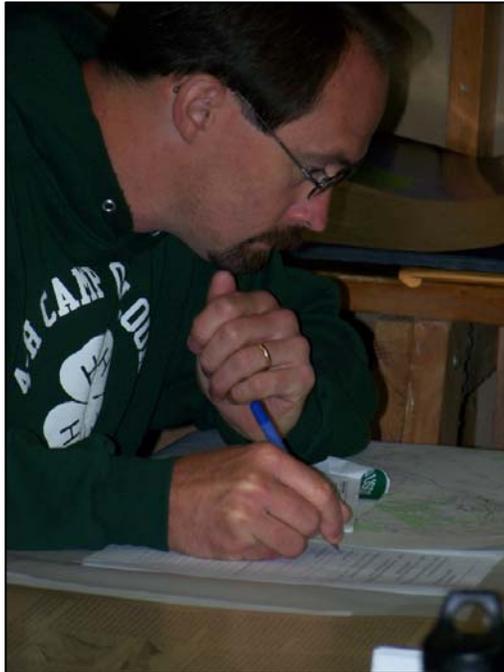
and
Learning



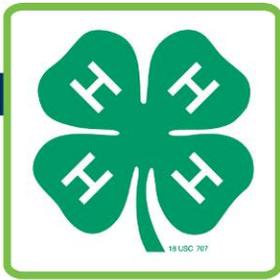
Teen Leader Project



Camps and Clubs



Leader Training in GIS



ESRI and 4-H

ESRI GIS Program for 4-H (U.S.)

San Diego Convention Center

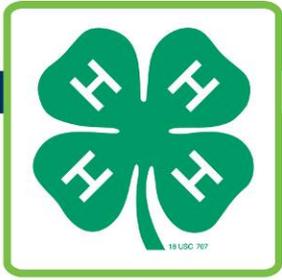
2008/08/03

2008/08/03

This program has been established to support national 4-H efforts aimed at bringing and qualified adults involved with U.S. 4-H clubs and related state an

Created by Kristina Yamamoto, ESRI Intern, Denver CO
Created with ESRI ArcInfo version 9.3

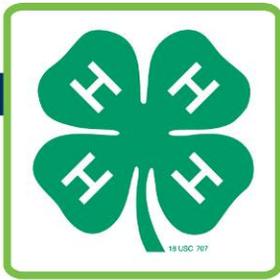
4-H Project Showcase



National Level

National 4-H SET Goal

Prepare 1 million new youth in the next five years
to excel in science and technology
by engaging each of those youth
in 6 or more hours of 4-H science activities.



Cornell University
Cooperative Extension

New York State 4-H Youth Development

Search:

Program Research Foundation Camps Shop Staff News

Who We Are Join Us Volunteer Support Us In Your County Events



The 4-H Pledge

I pledge my HEAD to clearer thinking.
I pledge my HEART to greater loyalty.
I pledge my HANDS to larger service.
I pledge my HEALTH to better living for my club, my community, my country, and my world.

entomology electricity dog obedience plant science rocketry wood science wildlife

News Resources Opportunities

4-H Geospatial Science

4-H'ers are having a blast exploring geospatial sciences from simple Geocaching (using GPS receivers to look for hidden treasure boxes all around the world) to complex community mapping projects.

New local clubs are forming as a result of a generous grant opportunity sponsored by Environmental Systems Research Institute ([ESRI](#)). The result is 4-H'ers are learning to use Global Positioning System (GPS) receivers to collect spatial data, plot results on detailed maps, and provide useful resources to community planners.

Geospatial Stories. 4-H'ers are making a difference in their communities with valuable projects using Geographic Information Systems (GIS) mapping.

Find Out More

- [Ontario County Geoseekers](#)

Resources. Curriculum, networking, and photogalleries are available to help get you, your family, your club or your classroom started.

- [Curriculum & Project Materials](#)
- [NYS 4-H Community Mapping Wiki](#)
- [NYS 4-H Geospatial photo Gallery](#)

Featured Curriculum Materials:

- [Geospatial - Exploring Spaces, Going Places CD](#)
- [Fun with GPS](#)
- [Grab and Go GPS](#)

Partners. 4-H Community mapping partners are collaborators who are helping to make funding, educational resources and further partnerships possible. Many thanks to:

New! Geospatial Fair Map Exhibit support

Funding Opportunities. Grants and awards are available to provide 4-H Clubs access to GIS technology and to improve use in 4-H Clubs.

Find Out More

- [2009 ESRI GIS Grants](#) (for reference)

Fun Family Opportunities. Looking for some fun? Geocaching might be just the thing.

Find Out More

- [4-H Geocoin order form](#)
- [GPS Interview \(audio\)](#)
- [geocaching.com](#) (the place to find local caches)

<http://nys4h.cce.cornell.edu/program/GeospatialScienceand4-H.php>