



UNIVERSITY of NEW HAMPSHIRE

Cooperative Extension

Online resources for Geographic Information Systems (GIS) mapping

Prepared by Shane Bradt (sbradt@ceunh.unh.edu) with assistance from Karen Bennett and Sam Stoddard.

Online mapping and data download

Google Earth - <http://earth.google.com/>

Free program that allows interactive viewing of aerial photos and topography worldwide.

Google Maps Street View - <http://maps.google.com/help/maps/streetview/>

See street level views of major cities in the United States combined with Google Maps

EOS-WEBSTER - <http://eos-webster.sr.unh.edu/>

Free download of a wide variety of satellite imagery housed at UNH.

NH GRANIT - <http://granit.sr.unh.edu/>

NH State GIS clearinghouse. Provides free GIS data for download or on CD.

NH GRANIT Data Mapper - <http://mapper.granit.unh.edu/>

Make free GIS maps in your web browser using NH GRANIT GIS data for your town.

Terraserver - <http://www.terraserver.com/>

Interactive mapping of a wide variety of satellite and aerial imagery, free and subscription.

Terraserver USA - <http://www.terraserverusa.com/>

Free interactive mapping of a more limited variety of satellite and aerial imagery.

Topozone - <http://www.topozone.com/>

Free catalogue of USGS topographic quads, searchable by location and feature name.

USGS Seamless Data Distribution System - <http://seamless.usgs.gov/>

Interactive mapping and free download of geographic data from the USGS.

Visible Earth - <http://visibleearth.nasa.gov/>

A collection of NASA satellite imagery for viewing and download.

World Wind - <http://worldwind.arc.nasa.gov/>

Free program that allows interactive viewing from NASA satellites of Earth & other planets.

Mapping resources and education

Geospatial Technologies Training Center - <http://extension.unh.edu/GISGPS/GISGPS.htm>
Workshops and educational materials about GIS, GPS and remote sensing.

GIS Day at UNH - <http://gisday.sr.unh.edu/>
Annual celebration of all things mapping at the Earth, Ocean & Space institute at UNH.

NH Association of Regional Planning Commissions - <http://www.nharpc.org/>
Provides links to all NH RPC websites, RPC's are involved in a great deal of local mapping.

NH Geographic Alliance - <http://www.nhga.net/>
Educational materials and teacher support for geography and mapping.

NH GRANIT Links – http://granit.sr.unh.edu/cgi-bin/load_file?PATH=/resources/related.html
Provides links to other GIS sites in the Northeast and beyond.

National Geospatial Technology Extension Network - <http://geospatialextension.org/>
Materials and information jointly produced by of Geospatial Extension Specialists.

My Wonderful World - <http://mywonderfulworld.com/>
National geographic led effort to enhance and promote geography and mapping.

United States Geological Survey - <http://www.usgs.gov/>
Variety of geographic resources including data, maps, publications & educational materials.

Places to get mapping software

Delorme - <http://www.delorme.com/>
Street Atlas USA, XMap, paper atlases, wall maps, GPS units

Digital Data Technologies, Inc. - <http://www.ddti.net/>
AccuGlobe 2004 (free), AccuGlobe 2007 (free), AccuGlobe Internet

Environmental Systems Research Institute - <http://www.esri.com/>
ArcExplorer (free, Mac OSX), ArcGIS Explorer (free), ArcView, ArcGIS

Forest Pal - <http://www.forestpal.com/fgis.html>
Forestry GIS [fGIS] (free)

MapTech - <http://www.maptech.com/>
Terrain Navigator, Chart Navigator, charts, printed maps

Quantum GIS - <http://www.qgis.org/>
Quantum GIS [QGIS] (free, Mac OSX)