

AGENCY OF COLLECTION	DATA SET/ INFORMATION BASE	PURPOSE/ DESCRIPTION	GEOGRAPHICAL DOMAIN	TIME PERIOD	LAST UPDATED	ACCESS TO DATA/INFO (OR KEY CONTACT)
USGS - Gap Analysis Program	Landcover maps	The mission of the Gap Analysis Program (GAP) is to provide state, regional, and national assessments of the conservation status of native vertebrate species and natural land cover types of the U.S. and to facilitate the application of this information to land management activities.	Entire United States by State	1980-present	Constantly Updated	<a href="http://www.gap.uidaho.edu/">http://www.gap.uidaho.edu/</a>
USGS-Vegetation Mapping Program	Landcover maps	The USGS-NPS Vegetation Mapping Program is a cooperative effort by the U.S. Geological Survey (USGS) and the National Park Service (NPS) to classify, describe, and map vegetation communities in more than 270 national park units across the United States. This program provides national-scale descriptions of vegetation and creates national vegetation standards for its data products. Its goal is to meet specific information needs identified by the National Park Service.	Island Royale, MI, Indiana National Lakeshore			<a href="http://biology.usgs.gov/npsveg/">http://biology.usgs.gov/npsveg/</a>
USGS-UMESC	Long Term Resource Monitoring Program	The mission of the Long Term Resource Monitoring Program is to provide decision makers with the information needed to maintain the Upper Mississippi River System as a viable multiple-use large river ecosystem. The long-term goals of the program are to understand the system, determine resource trends and impacts, develop management alternatives, manage information, and develop useful products.	The Five Upper Mississippi River System states (Illinois, Iowa, Minnesota, Missouri, and Wisconsin).	1987-present	annually	<a href="http://www.umesc.usgs.gov/ltrmp.html">http://www.umesc.usgs.gov/ltrmp.html</a>
USGS-Geographic Analysis and Monitoring Program	Landcover maps	To establish a baseline of land surface change for the southern Lake Michigan region that would support the Great Lakes Strategic and Integrated Science Plans	southern Lake Michigan region			Dave Shaver, Mid-Continent Mapping Center, <a href="mailto:dshaver@usgs.gov">dshaver@usgs.gov</a>
USGS - "The LUHNA Book"	Historical Landcover changes in the Great Lakes region	Two different methods of reconstructing historical vegetation change, drawing on General Land Office (GLO) surveys and fossil pollen deposits, are demonstrated by using data from the Great Lakes region. Both types of data are incorporated into landscape-scale analyses and presented through geographic information systems. Results from the two methods reinforce each other and allow reconstructions of past landscapes at different time scales. Changes to forests of the Great Lakes region during the last 150 years were far greater than the changes recorded over the preceding 1,000 years. Over the last 150 years, the total amount of forested land in the Great Lakes region declined by over 40%, and much of the remaining forest was converted to early successional forest types as a result of extensive logging. These results demonstrate the utility of using GLO survey data in conjunction with other data sources to reconstruct a generalized "presettlement" condition and assess changes in landcover.	Great Lakes	1994 - present	Constantly Updated	<a href="http://biology.usgs.gov/luhna/chap6.html">http://biology.usgs.gov/luhna/chap6.html</a>
USGS-Earth Resources Observation System (EROS) Data Center	National Land Cover Characterization 2001 (NLCD 2001)	Database consists of normalized tasseled Cap (TC) transformations of Landsat7 imagery for three time periods per scene (early, peak, and late); classified land cover data derived from the Tassel Capped imagery; independent ancillary data layers, including 30m DEM derivatives of slope, aspect and elevation and STATSCO soil moisture estimates; NLCD 1992; independent image derivatives of imperviousness and tree cover; and classification rules and metadata from the land cover classification.	United States (by mapping zone)	2000		<a href="http://landcover.usgs.gov/natlandcover_2000.asp">http://landcover.usgs.gov/natlandcover_2000.asp</a>
USDA, NRCS	National Resources Inventory	The National Resources Inventory (NRI) is a statistical survey of land use and natural resource conditions and trends on U.S. non-Federal lands. The NRI program serves as the Federal Government's principal source of information on the status, condition, and trends of soil, water, and related resources in the United States. The NRI was conducted every 5 years during the period 1977 through 1997, but currently is in transition to a continuous, or annual, inventory process.	United States	1997-2001	2001	<a href="http://www.nrcs.usda.gov/technical/NRI/">http://www.nrcs.usda.gov/technical/NRI/</a>

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USDA , Forest Service, Southern Forest Experiment Station	Forest Laned Distribution Data	The project was developed in support of the Forest and Rangeland Renewable Resources Planning Act 1993 Assessment Update program to provide information on current forest and rangeland conditions. Uses a 24 type classification system.	United States	1993		<a href="http://www.srsfia.usfs.msstate.edu/rpa/rpa93.htm">http://www.srsfia.usfs.msstate.edu/rpa/rpa93.htm</a>
Natural Resources Research Institute, University of Minnesota (funded by U.S. EPA and MN DNR)	Lake Superior Decision Support System Data Sets	Collection of GIS applications and databases, including depth profiles of Lake Superior	Lake Superior basin		18-Jan-02	<a href="http://oden.nrri.umn.edu/lsgis/databases.htm">http://oden.nrri.umn.edu/lsgis/databases.htm</a>
MSU Extension	Michigan Natural Features Inventory	Rare and declining plants and animals, natural communities and ecosystems native to Michigan	Michigan	Historical (?) present	Constantly Updated	Dennis Albert 517-335-4580 albertd@michigan.gov <a href="http://web4.msue.msu.edu/mnfi/home.cfm">http://web4.msue.msu.edu/mnfi/home.cfm</a>
Southeast Michigan Council of Governments	SEMCOG Interactive Maps	To support of current regional planning projects in seven county southern Michigan region - 11 characteristic classification system	Southeastern Michigan	1995		<a href="http://www.semco.org/Data/InteractiveMapping/index.htm">http://www.semco.org/Data/InteractiveMapping/index.htm</a>
Michigan Department of Natural Resources and MSU Center for Remote Sensing and GIS	Michigan Resource Inventory System	To is to gather the best available information about the state's land and water resources and place it in a format that provides maximum access.	Michigan	1979	few updates, very sporadic both spatially and temporally (1991 to present)	Data can be accessed through a MSU's RSGIS webpage called Michigan GIS Viewer, <a href="http://ims.rsgis.msu.edu/startup.htm">http://ims.rsgis.msu.edu/startup.htm</a>
Multi-resolution Land Characteristics Consortium *see notes	National Land Cover Data	One of the projects sponsored by the MRLC (Multi-resolution Land Characteristics) consortium was production of land-cover data derived from images acquired by Landsat's Thematic Mapper (TM) sensor, as well as a number of ancillary data sources. The National Land Cover Data includes the source images, as well as classified land-cover data for specific acquisition dates. It is the first national land-cover data set produced since the early 1970s, effectively replacing the LUDA and GIRAS data sets. Data for the conterminous United States circa 1992 which were derived from Landsat-5 TM images are complete and currently available for download.	entire USA	1992-2000	2000	<a href="http://edc2.usgs.gov/scripts/mapserv.exe?map=d%3A%5Cinetpub%5Cwwwroot%5Clicp%5Cnclcd%5Cnclcd.map&amp;zoomsize=2">http://edc2.usgs.gov/scripts/mapserv.exe?map=d%3A%5Cinetpub%5Cwwwroot%5Clicp%5Cnclcd%5Cnclcd.map&amp;zoomsize=2</a>
Multi-resolution Land Characteristics Consortium *see notes	Multi-resolution Land Characteristics 2001	MRLC2001 (Multi-Resolution Land Characteristics 2001) consists of a collection of terrain-corrected Landsat 7 ETM+ (Enhanced Thematic Mapper Plus) and limited Landsat 5 TM (Thematic Mapper) scenes that have been acquired by the MRLC Consortium. Because of USGS restrictions on the distribution of terrain-corrected data, the MRLC2001 data is available to MRLC Consortium members and Approved USGS Researchers only. The MRLC2001 data covers the conterminous U.S., Alaska, and Hawaii. The Landsat scenes are primarily 2000 imagery, although individual dates may range from 1999 to present. Multi-temporal scenes may also be available, depending on location. Most of the images are very high-quality, and cloud cover is generally less than 10%. The data will also include a 30-meter Digital Elevation Model (DEM) for all scenes that do not include international (Mexico or Canada) borders.	entire USA	2001	2001	<a href="http://edcwww.cr.usgs.gov/products/satellite/mrlc2000.html#description">http://edcwww.cr.usgs.gov/products/satellite/mrlc2000.html#description</a>
Central Great Lakes Mapping Coalition (US Geological Survey and the Ohio, Illinois, Indiana, and Michigan state surveys)	Pilot projects include Illinois: 3-D mapping of the glacial deposits for the Antioch Quadrangle in Lake County; Indiana: 3-D mapping of Fort Wayne and surrounding Allen county; Ohio: lower Huron River watershed and an area near the Ohio-Indiana border near Richmond, IN;	To provide 3-D mapping of glacial deposits at the 1: 24,000 scale to improve groundwater management and assess risks to erosion, flooding, land subsidence, and earthquakes.	parts of Illinois, Indiana, Michigan and Ohio			Illinois: William Shiels, shiels@isgs.uiuc.edu; Indiana: John Steinmetz, jsteinm@indiana.edu; Michigan: Harold Fitch, fitch@state.mi.us; Ohio: thomas.berg@dnr.state.oh.us

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US EPA, USGS & NASA	North American Landscape Characteristics	The North American Landscape Characterization (NALC) project is a component of the National Aeronautics and Space Administration (NASA) Landsat Pathfinder Program. Pathfinder projects focus on the investigation of global change while utilizing remote sensing technologies. The NALC project is a cooperative effort between the U.S. Environmental Protection Agency (EPA), the U.S. Geological Survey (USGS), and NASA to make Landsat data available to the widest possible user community for scientific research and general public interest.	conterminous United States and Mexico	1970s - present	Mar-00	<a href="http://edcdaac.usgs.gov/pathfinder/pathpage.html#nalc">http://edcdaac.usgs.gov/pathfinder/pathpage.html#nalc</a>
NOAA	Coastal Change Analysis Program (C-CAP)	An immediate objective for C-CAP is to expeditiously complete a national baseline of land cover and change data, from which additional dates of imagery may be used to track coastal trends over time. This is being accomplished through partnerships with private industry and more recently, the U.S. Geological Survey's (USGS) National Land Cover Dataset (NLCD) 2001 efforts. NOAA and USGS share initial land cover processing procedures, with final agency-specific processing conducted to yield each agency's respective products.	Coastal US (including the Great Lakes Basin)	? - Present	2002	Steve Raber Steve.Raber@noaa.gov <a href="http://www.csc.noaa.gov/crs/lca/greatlakes.html">http://www.csc.noaa.gov/crs/lca/greatlakes.html</a>
U.S. Fish and Wildlife Service	National Wetlands Inventory Maps	To gather informatino on the characteristics, extent, and status of the Nation's wetlands and deepwater habitats.	44 percent of the lower 48 states are digitized	Varies (1960s to ?)		<a href="http://wetlands.fws.gov/">http://wetlands.fws.gov/</a>
US EPA	Great Lakes Basin Vegetation Change Analysis	In general, changes in the growth of vegetation in the Great Lakes Region is constrained by biophysical conditions (e.g., geology, temperature, and humidity). Research suggests that such changes in vegetation cover may be a consequence of global-scale climatic change. Therefore, vegetation change in the Great Lakes Basin may be a response to shifts in the global climate, including changes in land-cover type and vegetation cover. Such landscape changes, particularly in the short term, may be most pronounced at ecotone boundaries.	The conterminous Great Lakes Basin (U.S. and Canada)	1970s - Present	NA	Curt Edmonds Curtis.Edmonds@epa.gov <a href="http://www.epa.gov/nerlesd1/land-sci/great-lakes.htm">http://www.epa.gov/nerlesd1/land-sci/great-lakes.htm</a>
Natural Resources Canada - Canada Centre for Remote Sensing & Canadian Forest Service	Land Cover Map of Canada	In a collaborative effort with scientists in 10 provincial or territorial government agencies, the development team evaluated the map's accuracy through visual comparison with 100 Landsat Thematic Mapper (TM) images acquired across Canada and by numerical comparison with classifications derived from TM data of areas in Alberta, Saskatchewan and Manitoba.	Canada	1995 - present	NA	<a href="http://www.ccrs.nrcan.gc.ca/ccrs/rd/apps/landcov/map_e.html">http://www.ccrs.nrcan.gc.ca/ccrs/rd/apps/landcov/map_e.html</a>
Environment Canada	Biodiversity Portrait of the St. Lawrence River	Consolidation of scientific information and data on the physical and biotic characteristics of the region from the past 3 years. Classification of wetlands types, percentage of wetland loss (1945-1978) in 10 km-wide coastal strip	St. Lawrence River, Canada	2000-2003		<a href="http://www.gc.ec.gc.ca/faune/biodiv/en/table_contents.html">http://www.gc.ec.gc.ca/faune/biodiv/en/table_contents.html</a>
Minnesota Department of Natural Resoruces	Minnesota Maps	These maps identify recreation areas for hunting, boating and hiking; change in forest cover and inventory natural resources such as forests, natural community and rare species by county, public waters maps (includes wetlands and streams) by county, hydrogeologic assessments.	Minnesota (coverage within the state varies depending on topic)			<a href="http://www.dnr.state.mn.us/maps/index.html">http://www.dnr.state.mn.us/maps/index.html</a>
Wisconsin Department of Natural Resources	Wisconsin Initiative for Statewide Cooperation on Landscape Analysis and Data (WISCLAND)	To classify and delineate land cover types over counties or watersheds. Delineate land cover corridors. Estimate availbe range forr deer in each deer management unit, as well as for estimation of elk range in Wisconsin. Characterize watersheds to evaluate fisheries quality or support runoff estimation for flood analysis.	Wisconsin	1991 - 1993		<a href="http://www.dnr.state.wi.us/maps/gis/datalandcover.html">http://www.dnr.state.wi.us/maps/gis/datalandcover.html</a>
Onatario Ministry of Natural Resources - Southern Ontario Land Resource Information System (SOLRIS)	Land cover database	To accurately measure the nature and extent of Southern Ontario's natural resources and to track changes to the natural, rural and urban landscape. The ecological land classification (ELC) for southern Ontario is made up of four nested scales: ecological community class, community series, ecosystem, and vegetation type.	the area of Ontario south of the Canadian Shield	2002-2004		

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Ontario Ministry of Natural Resources	Land cover maps of Ontario	A comprehensive, seamless land cover map for the entire province of Ontario with (2000 or 2001?) data of 30 meter resolution has been developed. This map has a classification of 28 different categories. This effort is driven mainly by the development and update of forest management plans. Ontario Ministry of Natural Resources contracted this work to Spectranalysis.	Ontario	2000 or 2001?		<a href="http://www.lio.mnr.gov.on.ca/programs.cfm">http://www.lio.mnr.gov.on.ca/programs.cfm</a>
Ontario Ministry of Natural Resources - Aquatic Research and Development Section	Aquatic Landscape Inventory System (ALIS)	ALIS is a Geographic Information System application within ArcGIS 8.1 developed by the Ministry of Natural Resources (MNR) and used for systematically delineating segments of rivers into segments that have similar characteristics. ALIS produces two pieces of information: Segmented water flow dataset - Valley Segments and Database containing attribute data for each Valley Segment	Ontario			Les Stanfield (les.stanfield@mnr.gov.on.ca) and Randal Kuyvenhoven (randal.kuyvenhoven@mnr.gov.on.ca)
American Farmland Trust	Farming on the Edge: State Maps	To identify the best, most fertile and productive land threatened by development.	United States (by state)	1987 - 1997		<a href="http://www.farmland.org/farmingontheedge/maps.htm">http://www.farmland.org/farmingontheedge/maps.htm</a>
NatureServe	Ecosystem Mapping	Occurrence information is plotted on 1:24,000 USGS topographical maps in the United States or 1:50,000 NTS topographical maps in Canada. The International Classification of Ecological Communities is used to classify terrestrial, freshwater and coastal-marine Habitats. The U.S. National Vegetation Classification is used to classify more than 4,500 vegetation types. A mid-scale classification of ecological systems for conservation planning is being developed.	United States and Canada	1975-2002	continuous	Shara Howie; shara_howie@natureserve.org; Phone (708) 908-1800 <a href="http://www.natureserve.org/getData/index.jsp">http://www.natureserve.org/getData/index.jsp</a>
Northeastern Illinois Planning Commission	Land Use Inventory	Inventory land use cover for six counties of northeast Illinois (Cook, DuPage, Kane, Lake, McHenry, and Will counties), based on interpretation of aerial photography. The data product is an Arc/INFO coverage, with the 3,750 sq.mi. region delineated into over 80,000 polygons describing 48 different land use categories. It is updated approximately every five years.	Cook, Dupage, Kane, Lake, McHenry, and Will counties of Illinois	1990	1995	David Clark, dclark@nipc.org Phone: 312-454-0400 ext. 608 <a href="http://www.nipc.cog.il.us/">http://www.nipc.cog.il.us/</a>
Illinois Department of Natural Resources	Critical Trends Assessment Program - Illinois Land Cover Mapping	Using Landsat satellite imagery, DNR scientists have compiled a comprehensive database of the state's surface cover. The data delineates natural features and artificial structures at a level of detail appropriate for regional analyses.	Illinois	1991 - present	NA	<a href="http://dnr.state.il.us/orep/inrin/ctap/map/landmap.htm">http://dnr.state.il.us/orep/inrin/ctap/map/landmap.htm</a>