GeoData@Wisconsin

A Geoportal for Fast and Free Access to Wisconsin Geospatial Data   *January 2020*

GeoData@Wisconsin is a geoportal designed to provide single-source discovery and access to Wisconsin geospatial data. The geoportal combines a map-based spatial search with traditional keyword searching and faceted browsing options to locate and download geospatial data.

GeoData@WI was developed and is maintained by the Robinson Map Library and the Wisconsin State Cartographer's Office at the University of Wisconsin-Madison.

Content

Geospatial data, aerial imagery, and scanned maps available for download from GeoData@WI come from a variety of sources. The "Held By" facet within the geoportal is a good way to quickly see where the content is housed or hosted. Many datasets in the geoportal are housed in the UW-Madison Robinson Map Library's geospatial data archive, while others are hosted by the original data producers.

By indexing content that extends beyond the physical holdings of the Map Library archive, GeoData@WI enhances the user experience by providing access to a broad range of geospatial data, imagery and maps from different sources in a single search interface.

Robinson Map Library at UW-Madison
Items held by the Robinson Map Library are archived copies of datasets originating from cities, counties, regional planning commissions, state agencies, federal agencies, and/or researchers across Wisconsin.

The Map Library systematically collects county data layers submitted annually to the Wisconsin Land Information Program's (WLIP) call for public data.
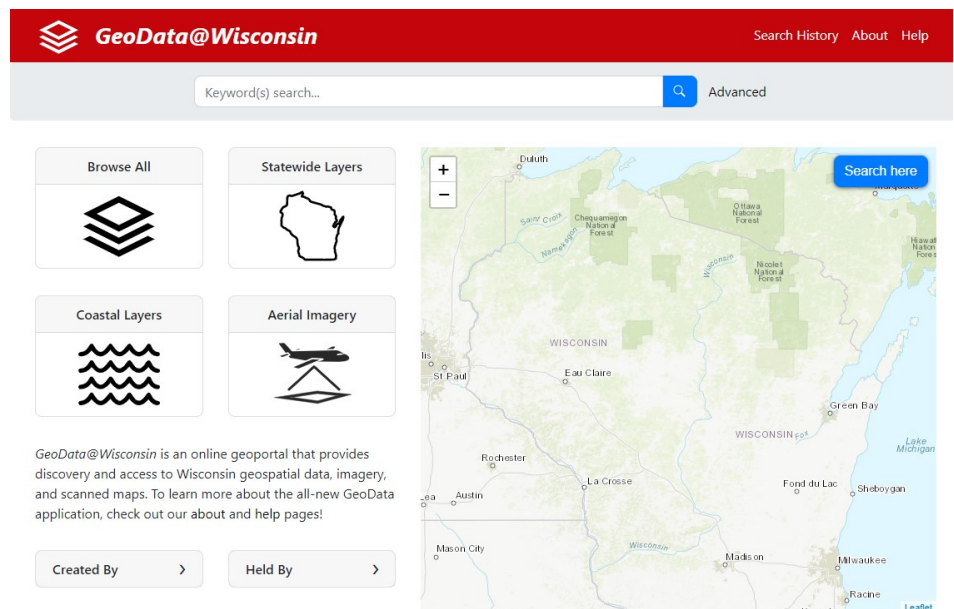
These data include roads and right-of-ways, hydrography, land use, parks/trails/recreation, address points, building footprints, PLSS control, and others.

In addition to collecting and archiving specific county data layers on an annual basis, the library also archives select Wisconsin data layers from agencies and organizations around the state that have been determined to be useful for academic/research audiences.
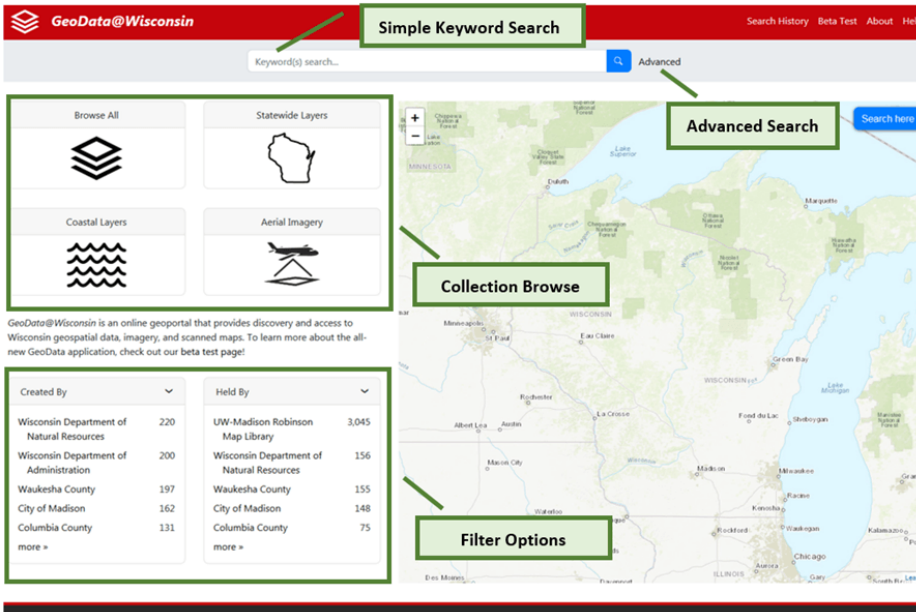

geodata.wisc.edu

Wisconsin Open Data Sites
There are many Wisconsin government organizations that provide access to open data online. Metadata records from these sites are routinely indexed at specific time intervals into GeoData@WI to promote discovery and access to this content alongside other resources in the geoportal. Searching and browsing for datasets hosted by individual organizations is available through GeoData@WI

while direct downloads are made possible from the data producers themselves.

WisconsinView
WisconsinView is an archive of remotely sensed raster data and imagery for Wisconsin, developed and maintain by the Space Science and Engineering Center at UW-Madison. Aerial imagery collections from the National Aerial Imagery Program, the Wisconsin Regional Orthopho-

to Consortium, and the United States Geological Survey along with county-based LiDAR data are discoverable through GeoData@WI while the actual content is curated and stored by WisconsinView.

Wisconsin Coastal Atlas
Datasets from the Wisconsin Coastal Atlas are indexed in GeoData@WI, and the Coastal Collection serves as a new digital catalog for the online atlas. Geospatial

Understanding the Item "Show Page"

When a record is selected from the search results page, the user is taken to the item's Show Page. This page displays information about the resource and provides a map view with a bounding box of the data extent or a preview of the data itself. Here you will find the dataset title, creator (or originator), summary description, relevant subject(s), content year, where the data is held, any supplemental information from the metadata record, and an additional link to gather more information (if present).

For More Information:

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State Cartographer's Office
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Robinson Map Library at UW-Madison
geography.wisc.edu/maplibrary/

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datasets and imagery for Wisconsin's 15 coastal counties (bordering Lakes Superior and Michigan) are also part of the Coastal Collection.

University of Wisconsin Digital Collections Center

The UW Digital Collections Center (UWDCC) has worked collaboratively with UW System faculty, staff, and librarians to create and provide access to digital resources that support the teaching and research needs of the UW community, uniquely document the university and State of Wisconsin, and provide access to rare or fragile items of broad research value. Historic aerial imagery from 1937-1941 for Wisconsin and other scanned map collections are discoverable via GeoData@WI, while individual file downloads are provided by UWDCC.

Using GeoData@Wisconsin

There are four primary ways to use text to execute a search from the homepage: Keyword (Simple or Advanced); Browse All or by Collection; and Filter by "Creator" or "Held By." The simple key-word search is often a great place to begin a search.

Map-based Search

The homepage also features a Wisconsin map for geographic searches. The user can pan the map with the mouse and zoom with the controls at the upper left (or the mouse wheel). When the desired area is in view, the user can click the blue "Search here" button at the upper right. Only records that fall within the geographic extents visible on the map will be displayed.

GEODATA.WISC.EDU