

GeoData@UW-Madison

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Map & Geospatial Data Librarian

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(data curation, metadata creation/indexing)

AJ Wortley

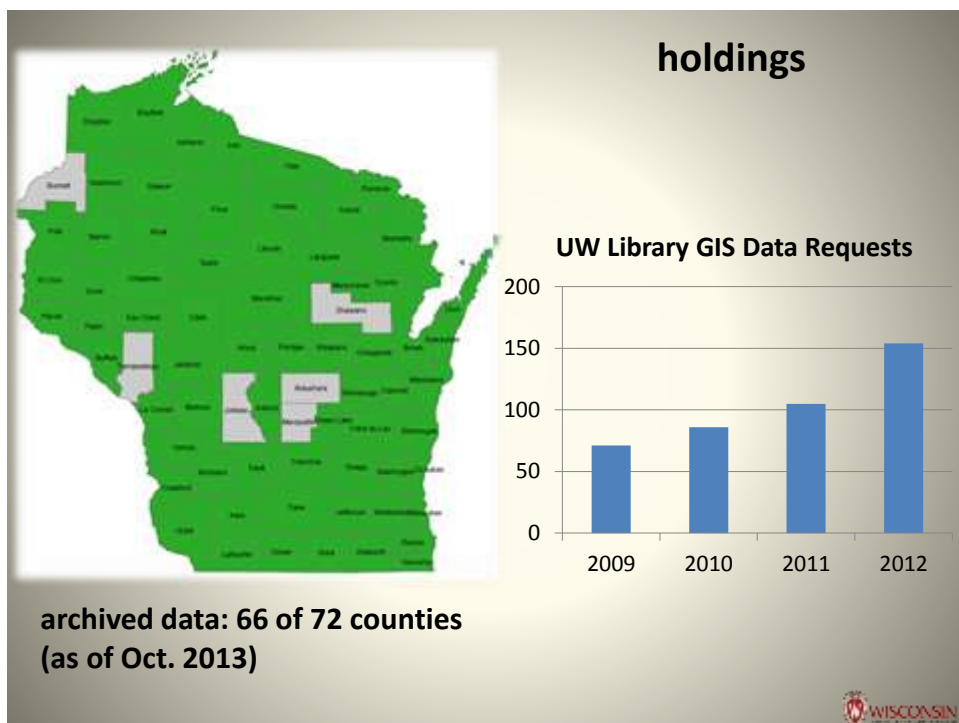
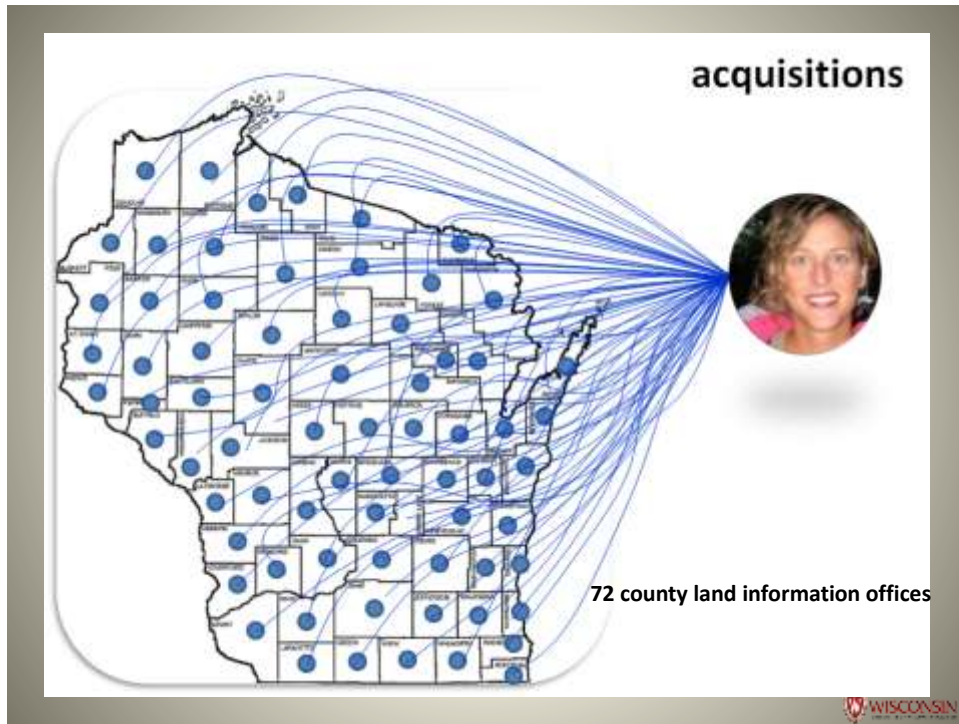
WI State Cartographer's Office

lwortley@wisc.edu

(technical development)

Source: UW Dept. of Geography, Prof. William Cronon





challenges to providing access

3. license agreements (UW authentication)

Data is archived for
educational use

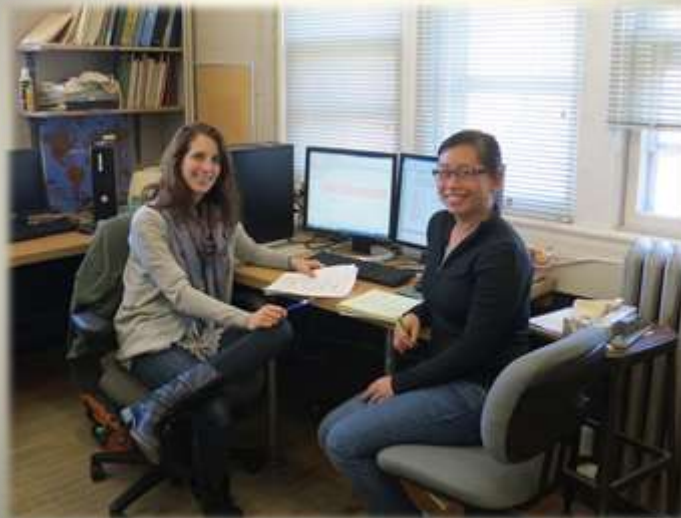


■ Formal license agreements



solutions: OGP project 2012-2013

1. *lack of metadata* = hire students to write FGDC metadata



Guide to Metadata Editing & Creation
 Project Website: <https://wiki.ut-tufts.edu/confluence/display/GeoDataPortal/Home>
 (In accordance with Tufts and FGDC Standards)
 January 23, 2012; UPDATED May 15, 2012

How to edit Metadata:

- Open ArcCatalog → S:/ Drive → GIS_Center_Productions → EnterpriseGIS → Layers
- View metadata in FGDC classic

Template Starter:

Overview → Item Description

Topic	XXX County
Summary (Purpose)	This layer is intended for students, faculty, and staff of the University of Wisconsin-Madison for reference and mapping purposes, and may be used for basic applications such as viewing, querying, and map output production, or to provide a basemap to support graphical overlays and analysis with other spatial data.
Description (Abstract)	For shapefiles: This polygon/line/point data layer represents XXX for XXX County, Wisconsin in 200X. For feature class within gis: This polygon/line/point data layer represents XXX for XXX County, Wisconsin in 200X. It is a feature class within the geodatabase, XXX_XXX_200X.gdb.
Use Limitation (Use Constraints)	For educational and commercial use only.

Overview → Topics & Keywords

Place Keywords (OAS)	XXX County
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Overview → Citation Contacts → New Contact → Contact

Name	Full WITH COUNTY INFO Page county notes file
Organization	
Position	Links @ http://www.wisconsin.org/links.asp
Role	Select "Originator"

ArcCatalog 10.1

Calumet_Addresses_2012
 File Geodatabase Feature Class

Upgrade Metadata

 The internal storage format for metadata has changed. You can see FGDC-formatted metadata in the display as read-only information, but this content must be upgraded before it is available for editing.

Do you want to upgrade the FGDC metadata content to the ArcGIS metadata format?

☐ Do not show this message in the future

[About managing FGDC metadata](#)

Yes **No**

Summary: There is no summary for this item.

Description: There is no description for this item.

Credits: There are no credits for this item.

Use Limitations: There are no access and use limitations for this item.

Extent:
 West: -88.434707 East: -88.20014
 North: 44.293821 South: 42.201302

Scale Range: There is no scale range for this item.

ArcGIS Metadata

Topic and Keywords

Current time: Inconvertible time

Use Topics and Keywords

Citation

Title: Calumet_Addresses_2012

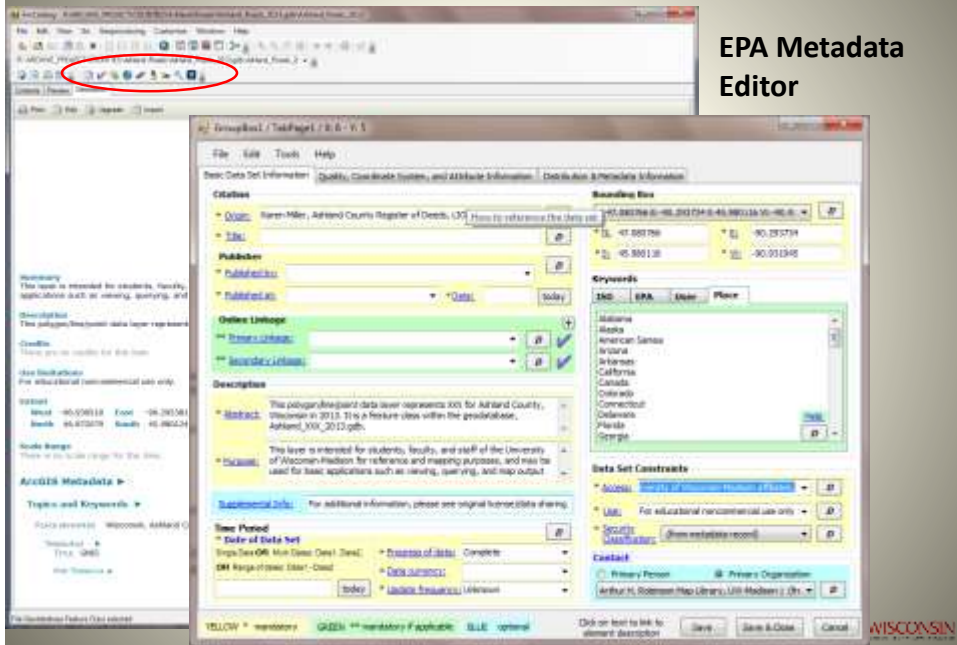
Published in metadata: digital map

File Geodatabase Feature Class selected

WISCONSIN

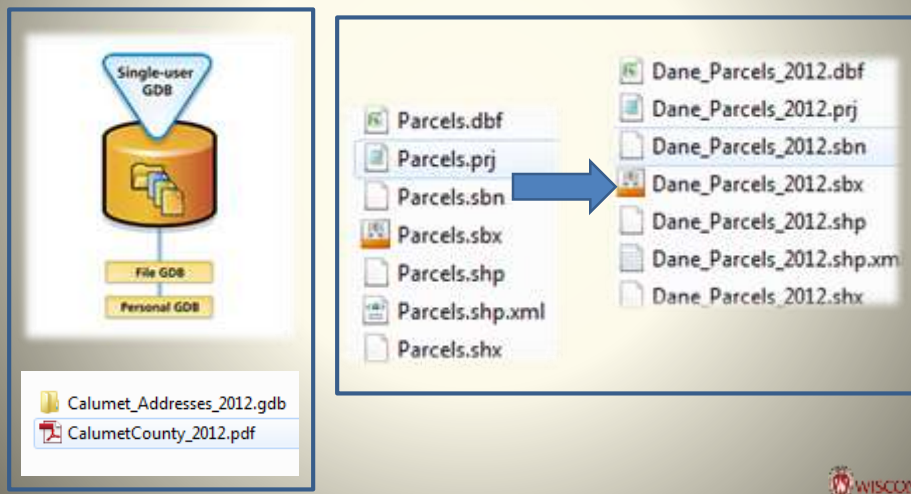
edg.epa.gov/EME/

EPA Metadata
Editor

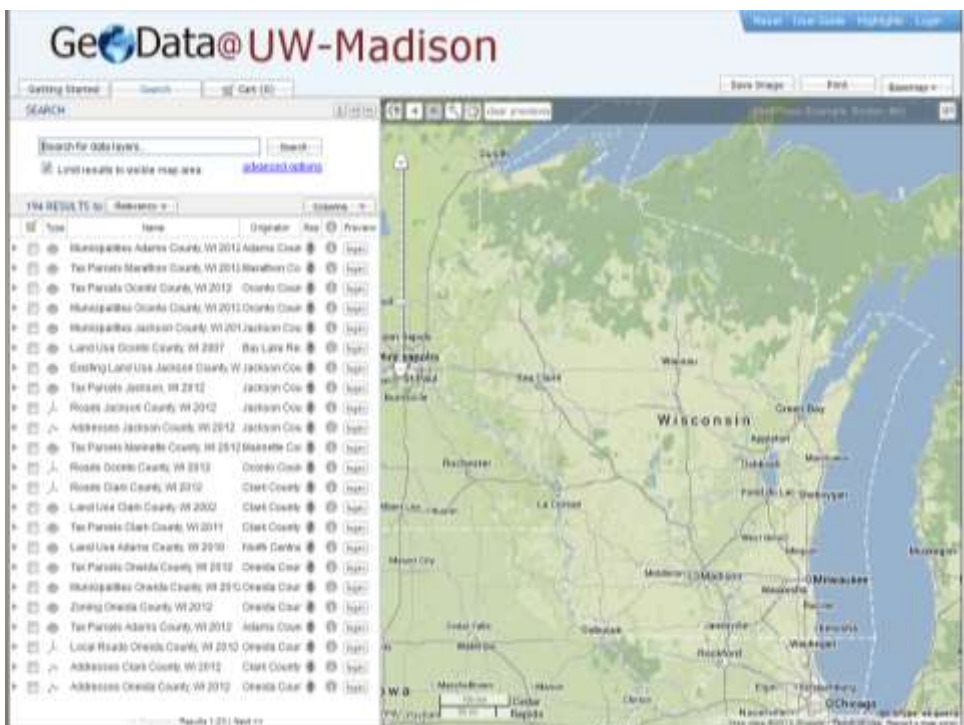
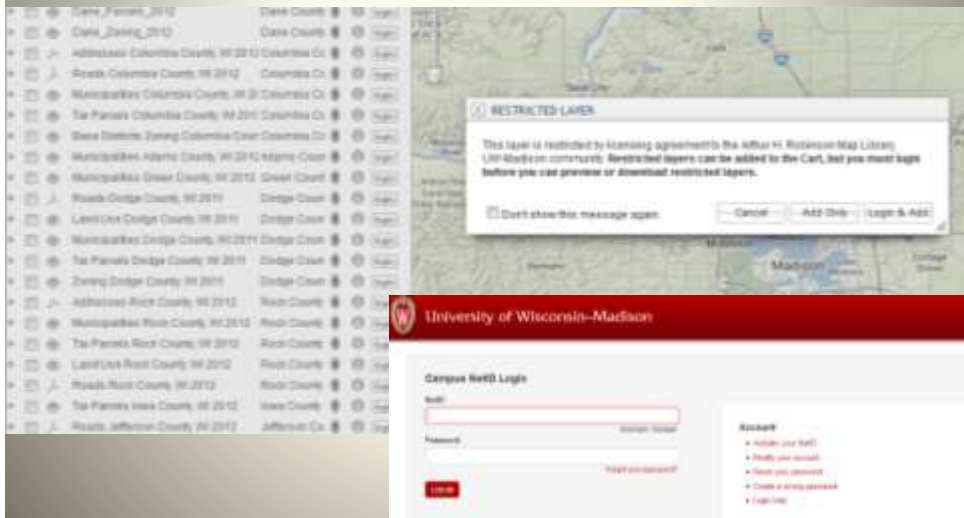


solutions: OGP pilot project 2012-2013

2. data formats & file sizes =
keep in native format (.shp or .gdb) + implement naming convention



3. *Licensing (UW authentication)* = OGP + Shibboleth



The screenshot displays the GeoData@UW-Madison interface. On the left, a list of datasets is shown, with 'Municipalities Adams County, WI 2012' selected. A blue arrow points from this entry to the detailed metadata view on the right. The metadata view includes sections for Identification Information, Citation Information, Distribution, and Metadata. The Citation Information section is expanded, showing details about the dataset's origin and purpose.

GeoData@UW-Madison

Municipalities Adams County, WI 2012

Identification Information

- Dataset Name: Municipalities Adams County, WI 2012
- Dataset Description: This dataset contains the names of the municipalities in Adams County, Wisconsin, for the year 2012.
- Dataset Type: Vector Data
- Dataset Format: Shapefile
- Dataset Source: Wisconsin Department of Transportation
- Dataset Date: 2012

Citation Information

This dataset was created by the Wisconsin Department of Transportation, Office of the State Geologist, and is available for use under the Wisconsin Public Domain License.

Distribution

This dataset is available for download from the GeoData@UW-Madison website. The download link is provided below the dataset name.

Metadata

This dataset was created by the Wisconsin Department of Transportation, Office of the State Geologist, and is available for use under the Wisconsin Public Domain License.

GeoData@UW-Madison

Next Steps...

- ❖ OGP 1.2
- ❖ Shibboleth
- ❖ Zip file downloads/shopping cart
- ❖ Interface design
- ❖ New metadata workflow!

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