History of Geodata and Metageodata
At the University of Virginia Library

Chris Gist, MS GISP
GIS Specialist

Scholars’ Lab
UNITED STATES COUNTIES IN 1860:
AGGR. SLAVES

The data and terminology presented in the Historical Census Browser are drawn directly from historical volumes of the U.S. Census of Population and Housing.
Virginia Gazetteer
MapScholar is a free, online platform for geospatial visualization. It enables humanities and social science scholars to create digital "atlases" featuring high-resolution images of historic maps.
Neatline allows scholars, students, and curators to tell stories with maps and timelines. As a suite of add-on tools for Omeka, it opens new possibilities for hand-crafted, interactive spatial and temporal interpretation.
I Have A Dream

For users to seamlessly discover and use spatial data through traditional and spatial searches.
The Open Source Geospatial Foundation...

OSGeo was created to support the collaborative development of open source geospatial software, and promote its widespread use. Join us by signing up to our mailing lists or check out the Getting Started page to become more involved.

### News

| 2015-03-06 | "Geo for All" region wise and subject wise thematic groups established |
| 2015-03-03 | OSGeo accepted to GSoc 2015 |
| 2015-02-26 | New stable release: GRASS GIS 7.0.0 |
| 2015-02-25 | FOSS4G Call for Presentations/Papers/Workshops |

### Upcoming events

| 2015-03-11 | FOSSGIS 2015, Münster, Germany |
| 2015-03-11 | FOSSASIA 2015, Singapore |
| 2015-03-24 | 9as jornadas de SIG Libre, Girona, Spain |
| 2015-04-12 | European Geoscience Union 2015, Vienna, Austria |

### Community Blogs

- Jody Garnett: FOSS4G North America Preflight Checks
- Slashgeo (FOSS Articles): Batch Geonews: QGIS
- News, GeoWave, New Google Roads API, Challenges of Geospatial Databases, and much more
- GeoSolutions: Meet GeoSolutions at GEOBusiness Show 2015 in London
- NaturalGIS Blog: Datum transformations with NTv2 grids in QGIS: the easy way
- gvSIG Team: Nueva convocatoria de cursos gvSIG-Training en español y portugués
- GeoSpatial Camptocamp: FOSSGIS 2015
- geomatico: ol3-layerswitcher in Bower
- Free and Open Source GIS Ramblings: Game of Life – Raster edition
- From GIS to Remote Sensing: Minor Update: Semi-Automatic Classification Plugin v. 4.1.1
- Kartoza: Generating an XYZ ASCII file from a QGIS raster
- From GIS to Remote Sensing: Major Update: Semi-Automatic Classification Plugin v. 4.1.0
- Free and Open Source GIS Ramblings: Computing network centers
- GeoTools Team: CodeHaus Migration
- GeoMonday: GeoMonday 2015.1 – Navigation and Orientation for Handicapped People
We provide here a summary of the major points of discussion from the 7th annual Scholarly Communication Institute. Discussions focused on the nature and implications of spatial tools and methods for scholarly communication. This meant exploring the conceptual as well as technical challenges of using spatial technologies; the impact of using them on established scholarly practices; the organizational models best suited to support and nurture spatial research; and how the infrastructure of scholarly communication, from IT and libraries to publishing, should adapt to the “spatial turn” in scholarship. For all the talk about transformation—even revolution—in scholarship brought on by the digital, discussions at SCI were informed by a sense of realism, even pragmatism, focusing on what these changes mean for university-based institutions and scholars as they position and adapt to the digital revolution.
UVA Library Geoportal

Discover, explore, and use collections of geospatial data from here at the UVA Library and around the world.

Search for Geospatial Data

Keyword Search Terms  Search

Optional. Click and drag to draw a bounding box for your search, then click the Search button. To zoom in on a specific area, hold down the Shift key while drawing the bounding box. To pan the map, hold down the Ctrl (PC) or Option (Mac), then click and drag the map.
Home

OpenGeoportal.org is a new site that brings together geospatial professionals, developers, metadata specialists, and librarians to coordinate the Open Geoportal (OGP) project. The Open Geoportal is a collaboratively developed, open source, federated web application to rapidly discover, preview, and retrieve geospatial data from multiple repositories. OpenGeoportal.org is also a collaborative effort to share resources and best practices in the areas of application development, metadata, data sharing, data licensing, and data sources in support of geospatial data repositories. Please contact Patrick.Florence@Tufts.edu for more information. The Open Geoportal is now receiving additional support from the Alfred P. Sloan Foundation.

A cloud instance of Open Geoportal 2.0 can be found [here](#).

![Welcome](#)
The project’s code repository is hosted on github. Documentation can be found [here](#). However, some technical documentation is still on the old google code site: [technical documentation/wiki](#).

Upcoming Events

NYPL: Moving Historical Geodata to the Web, November 5th – 7th

The New York Public Library is hosting a three-day meeting: Setting a Research and Development Agenda for Moving Historical Geodata to the Web, made possible through generous support from The Alfred P. Sloan Foundation. The meeting will provide the opportunity for key partners to shape the future of the field through collaborative planning and a shared agenda. The meeting will run from Wednesday, November 5th to Friday, November 7th. [Continue Reading](#)
GeoBlacklight
A multi-institutional open-source collaboration building a better way to find and share geospatial data.

Easy to install
Easy to customize
Built for longevity
OpenGeoMetadata

edu.princeton.arks
Updated 5 days ago

GeoCombine
A Ruby toolkit for managing geospatial metadata
Updated 12 days ago

edu.virginia
Spatial metadata of the University of Virginia
Updated 12 days ago

edu.stanford.purl
GIS Metadata for Stanford University Libraries
Updated 12 days ago
A repository for shared geospatial metadata collaboration.

**Organizational Structure**

** Based off of comments and feedback on #3 and #4 *

An individual institution shall create and maintain geospatial metadata within its own individual repository hosted under the collaborative OpenGeoMetadata organization. This structure will allow the benefit of appropriately namedpaced identifiers and the ability for teams from individual institutions to collaborate on their metadata while still enabling machine harvestable metadata under a common
References

- Historic Census Browser - http://mapserver.lib.virginia.edu/
- Valley of the Shadow - http://valley.lib.virginia.edu/
- OSGeo - http://www.osgeo.org/
- UVa Library Geoportal - http://gis.lib.virginia.edu/
- GeoData at Tufts - http://geodata.tufts.edu/
- NYPL Map Warper - http://maps.nypl.org/warper/
- David Rumsey’s Maprank Search - http://rumsey.mapranksearch.com/
- Sloan Foundation - http://www.sloan.org/
- OpenGeoPortal - http://opengeoportal.org/
- Neatline - http://neatline.org/
- OpenGeoMetadata - https://github.com/OpenGeoMetadata
- GeoBlacklight - http://geoblacklight.org/