**Research by SUBJECT: Geographic Information Systems** 

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http://dizzy.library.arizona.edu/library/teams/sst/geo/guide/gis/datasets-www.html

## Spatial Datasets Available on the Internet

<u>Arizona</u> | <u>Other U.S. Regions</u> | <u>United States</u> | <u>Canada</u> | <u>Mexico</u> | <u>World</u> | <u>GIS Directories & Search Engines</u>

#### Arizona

#### **ARIA: Arizona Regional Image Archive**

ARIA provides access to image data, such as satellite imagery, DOQQs, DEMs, DRGs for the Sonoran desert region,

including the US Southwest and northern Mexico, list of related UA courses, and links to geospatial technology sites. The Library has created a **Guide to Using the DOQQs from the ARIA site**.

ATIS: Arizona Dept. of Transportation Maps and Data

Arizona GeoServer Internet Mapping Service (State

Cartographers Office)

View control points, identify or select control points, search for NGS control, download NGS data and create printable maps.

**Arizona Land Resource Information System** (ALRIS)

Online maps services (Land Ownership maps) and GIS data.

<u>Arizona NBII Data Services</u> (National Biological Information Infrastructure)

Provides access to a wide range of geospatial data -- preview data as a .gif, view metadata, or download.

<u>Pima County Data & Maps</u> (Department of Transportation and Flood Control District)

Access to Pima County GIS data (via Autodesk), riparian maps, assessor

record maps, sanitary sewer maps, aerial photos, and Preliminary Sonoran Desert Conservation Plan Maps.

### Yavapai County GIS Interactive Mapping

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## Other U.S. Regions

#### **California GAP Analysis Project**

Can download statewide data or by region.

#### **CaSIL: California Spatial Information Library**

California's GIS portal. Data is subdivided by Administrative Divisions, Political Districts, Water Districts, Infrastructure, Cultural Geography and Physical Geography.

#### **Durham, NC Geographic Information Systems**

Includes interactive maps and list of spatial data sets (with a description of availability and cost).

#### **Idaho Geospatial Data Center**

Includes interactive mapper and access to the following Idaho data:

Digital Line Graphs, Digital Raster Graphics, Digital Elevation Models, and

TIGER data.

#### **Inside Idaho**

Includes interactive mapping site and access to Idaho data (metadata, preview data, and download):

Basemap, cartographic, census, climate, distrubance, fisheries, hydrologic, land cover, physical, political, remote sensing, and transportation

# <u>Iowa State University Geographic Information Systems</u> <u>Support and Research Facility, Data</u>

Iowa county datasets -- hydrography, transportation, topography, census, public land survey.

Statewide, national and global -- atmosphere, political/cultural divisions, geology, land use/land cover, soils, transportation, water.

### MAGIC: Map And Geographic Information Center GeoData

**Server** (Connecticut and New England)

Census, hydrography, land use/land cover, soil, education, economics, administration, government, labor, voting districts

#### North Carolina Geographic Data Clearinghouse

Political/administrative, cultural resources, infrastructure, water

resources, land/biological research, elevation, air resources, environmental quality.

#### **NYS Spatial Data Clearinghouse**

Official New York State GIS Clearinghouse

#### Pennsylvania Spatial Data Access

Official Pennsylvania geospatial information

#### San Francisco Bay Area Regional Database (BARD)

This site is a convenient way to acquire USGS Digital Data for the San Francisco Bay Area.

**SANDAG: Geographic Information Systems** (San Diego, CA area)

Contains historic, current and forecast economic and demographic variables for geographic areas in San Diego. Data can be downloaded to a table, text file or into a spreadsheet program.

**University of Oregon, Mallard Spatial Library** 

**University of Washington Library - Maps/Geographic** 

**Information Systems: Datasets** 

**Washington State Geospatial Data Archive** 

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#### **United States**

**ArcData Online** (ESRI)

#### **Bureau of Transportation Statistics Geospatial One-Stop**

Data includes transportation facilities, networks, and services of national significance

#### **Cancer Mortality Maps and Graphs**

Cancer death rates for the time period 1950-1994 for more than 40 cancers.

#### Census 1995 TIGER Data

Download the TIGER files as ArcView shapefiles

Census TIGER: The Coast to Coast Digital Map Database! (U.S.

Census Bureau)

Download the 1990 and 2000 TIGER files in ArcInfo .e00, ArcView shapefiles, or in native format.

Census 1999 TIGER/Line® Download Page

Census 2000 TIGER/Line

Download as ArcView shapefiles.

## EPA Geospatial Data Clearinghouse EPA Office of Water's "Basins"

Can download data for performing watershed and water quality based studies.

#### **Geography Network** (ESRI)

Online resource for finding and sharing geographic content, including maps and

data, from many of the world's leading providers.

<u>Land Survey Information</u> (U.S. Bureau of Land Management)
Geographic information from the BLM's Geographic Coordinate Data Base
(GCDB) representing the Public Land Survey System (PLSS) of the United States.

National Geospatial Data Clearinghouse

National Hydrography Dataset (USGS and EPA)

National Spatial Database of GIS Data

This data has been gathered in anticipation of a National Archeological Overview. You can preview the data, review the metadata or download the data.

NOAA Shoreline Data Explorer
SEDAC's Demographic Data Cartogram Service

Census boundaries in AtlasGIS and MapInfo formats.

#### U.S. GeoData (U.S.G.S.)

Includes 1:24,000 and 1:250,000 Digital Elevation Model, 30 meter National Elevation Dataset, 1:2,000,000 and 1:100,000 Digital Line Graph, Land Use/Land Cover, National Land Cover Data, and National Hydrography Dataset.

#### Canada

Geographic Data British Columbia
GéoGratis - Geospatial Data of Canada
LandData BC

Provides access to free and other products -- digital and paper maps; air photos; survey data; reports; software.

National Atlas of Canada Statistics Canada

#### Mexico

#### **GeoGRAFX**

Commercial company to purchase GIS data from.

**Georeferenced Population Data Sets of Mexico (CIESIN)** 

<u>Informacion Nacional de Estadistica Geografica y Informatica</u>
(INEGI)

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## World & World Regions

**Alexandria Digital Library** 

Baltic Sea Region GIS, Maps and Statistical Database

Includes interactive map, metadata, and data in Idrisi, ArcInfo, ArcView, and MapInfo formats.

#### **Center for International Earth Science Information Network**

Includes Central America Vegetation, China Dimensions, Georeferenced Population Data Sets of Mexico, Gridded Population of the World, LandScan 2000, U.S. Puma Boundary Files, and U.S. TIGER files.

**Coastline Extractor** (NOAA)

**Digital Chart of the World (DCW)** 

**Digital Chart of the World Data Server** 

**Land Processes Distributed Active Archive Center (LP DAAC)** 

Satellite data, some is available for download, other for purchase.

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# More GIS Data Resources (Directories & Search Engines)

**About.com: Directory of GIS data links** 

**Data Hound - Search For GIS Data** 

Free GIS Data (Directions Magazine)

**GIS Data Depot** 

**GIS Data from ESRI** 

**Google: Directory of GIS data links** 

**Open Directory Project: Directory of GIS data links** 

Starting the Hunt: Guide To On-line And Mostly Free U.S.

## <u>Geospatial and Attribute Data</u> <u>Yahoo!: Directory of GIS data links</u>

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<u>Library Subject Guides homepage</u> | <u>UA Library Homepage</u> <u>UA Department of Geography and Regional Development</u>

For further assistance, contact Chris Kollen at kollenc@u.library.arizona.edu

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