

## GIS Data Resources in the Map Library

The Map Library has GIS data from many government and commercial sources. Library staff members are available for general data questions and in-depth research assistance in locating GIS data.

### Selected GIS Data Collections in the Map Library

- 2006 Aerial Photography from DRCOG: Boulder County +parts of Weld and Broomfield Counties. Color, orthorectified imagery with a one-foot pixel resolution and a spatial accuracy of approximately four feet. (E drive of the Map Library public GIS computer)
- NAIP 2005 Aerial Photography: 1 meter natural color images of Colorado counties from the National Agriculture Imagery Program. (MrSID format.) (E drive of the Map Library public GIS computer or downloadable from [ftp://rockyftp.cr.usgs.gov/ngtoc/colo\\_naip/](ftp://rockyftp.cr.usgs.gov/ngtoc/colo_naip/))
- Digital Orthophoto Quarter Quads (DOQQs): USGS 1:24,000 black and white aerial photographs of the Front Range that have been scanned, georeferenced, and orthorectified. (CD-ROM)
- Digital historical aerial photographs for the city of Boulder. Every decade from 1950s-1980s (Not georeferenced. Ask Maps staff). Also see *Historical Aerial Photographs of Colorado*: <http://ucblibraries.colorado.edu/aerialphotos/home.asp>, listed under Selected Online Resources.
- Digital Raster Graphics (DRGs): Scanned and georeferenced USGS topographic maps of Colorado at 1:250,000, 1:100,000, and 1:24,000. (CD-ROM)
- Digital Elevation Models (DEMs): The National Elevation Dataset. Seamless 10 meter and 30 meter DEMs for the entire United States. (Must be decompressed from CD-ROM)
- Geocover™ 2000 and 1990: Landsat 4/5 and Landsat 7 satellite imagery mosaics for the world. (F drive of the Map Library public GIS computer)
- SRTM (Shuttle Radar Topography Mission): 90m DEMs for the world. (F drive of the Map Library public GIS computer)
- TPCs (Tactical Pilotage Charts): Scanned topographic/aeronautical maps. 1:500,000 for most of the world. (F drive of the Map Library public GIS computer)
- VMAP0: Vector data layers for the world at 1:1 million. Includes major road and rail networks, hydrologic drainage systems, utility networks, elevation and depth contours, coastlines, international boundaries, vegetation, populated places and more. (F drive of the Map Library public GIS computer)

- World Vector Shoreline Plus: Coastlines, political boundaries, oceans, and bathymetry for the world at scales from 1:250,000 to 1:120,000,000. Coverage varies by scale. (F drive of the Map Library public GIS computer)
- Global GIS Database: Reference data for the world at 1:1 million. Includes boundaries, base geology, hydrology, roads, population density and more. (CD-ROM/DVD)
- ESRI Data & Maps: Worldwide reference data, scales vary. Includes global DEM and shaded relief images, administrative boundaries, base geology, hydrology, roads, population density, and U.S. transportation data, recreation areas, and more. (CD-ROM/DVD)

### **Map Library Website**

- The Map Library website points to authoritative websites that serve out GIS data:  
<http://ucblibraries.colorado.edu/map/gis/gis.htm>
- or
- explore our links through Delicious: <http://www.delicious.com/maplib/gis>

The Earth Sciences & Map Library also collects GIS manuals and thematic and theoretical GIS and GI Science books and journals.

### **Contact Information**

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