

## GIS Data Sources for Urban Forestry

This list catalogs various sources of geospatial and tabular data for use in GIS software. The data may be used in viewing or analyzing urban forestry topics. Content is subject to change.

	Provider	Data Contents
Local	<a href="#">Austin Police Department</a>	Contains tabular statistics on crimes documented by a formal written police report. Crimes are indexed by zip codes and Census tracts.
	<a href="#">Capital Area Council of Governments</a>	Over 30 geospatial products and imagery provided for the 10 county region. Includes precipitation, aquifers, GIS-ready U.S. Census data, city limits, land fragmentation, orthoimagery, LIDAR, etc.
	<a href="#">Capital Area Metropolitan Planning Organization</a>	Population and employment forecasts, traffic counts, air quality, pollution, growth monitoring. Contains many map products in PDF format. Most data sets are available upon request.
	<a href="#">Capital Metropolitan Transportation Authority</a>	Provides downloadable shapefiles of Austin's public transit system.
	<a href="#">City of Austin GIS Data Sets</a>	Nearly 100 data sets pertaining to tree canopy, parks, watersheds, creeks, floodplains, land use, etc.
	<a href="#">City of Austin, Growth Watch</a>	Tracks urban development and provides historic site plan/subdivision/building permit information. Information is available in shapefile format including a mapbook.
	<a href="#">Texas Historical Commission</a>	Historic preservation and cultural resources data including cemeteries, neighborhood surveys, and nationally registered properties.
	<a href="#">The Great Texas Tree Roundup</a>	A crowdsourced tree inventory for various areas in Austin. The website provides a web map viewer and inventory data is easily downloadable to an Excel file format.
	<a href="#">Travis Central Appraisal District</a>	Parcel level information on property tax appraisals, improvement values, year built, etc. The website provides an online map viewer for property searches. Publicly accessible data is available upon request.
State	<a href="#">Texas Commission on Environmental Quality</a>	Includes environmental data on air quality, water quality, toxic release inventory, surface water quality monitoring, etc.
	<a href="#">Texas General Land Office</a>	Most data is related to oil/gas and coastline information, but a few environmental and land related data sets exist.
	<a href="#">Texas Natural Resources Information System</a>	A comprehensive collection of orthophotos, satellite imagery, hydrography, cultural features, digital elevation models, land cover, geology, etc.
	<a href="#">Texas Parks and Wildlife</a>	Contains shapefiles on vegetation, ecoregions, river basins, state parks, etc. at the regional and state levels.
	<a href="#">Texas State Data Center</a>	U.S. Census demographic data and shapefiles as well as future population projections from the State Demographer.
	<a href="#">Texas Water Development Board</a>	Consists of statewide natural feature data including rivers, aquifers, terrain, hillshade, etc.
National	<a href="#">Data.gov</a>	The Federal government's open portal for various geospatial data topics including agriculture, energy, air quality, etc.
	<a href="#">Environmental Protection Agency</a>	A gateway for the EPA's data on air pollution, air quality, health risk, etc.
	<a href="#">Federal Emergency Management Agency</a>	Flood maps and flood hazards.
	<a href="#">SILVIS Lab</a>	Provides a national assessment of the Wildland-Urban Interface and housing development. This information can be used to assess an area's potential for wildfire risk near human settlement.
	<a href="#">The Nature Conservancy</a>	Conservation and ecoregion data on a national and international level.
	<a href="#">U.S. Census Bureau, American FactFinder</a>	Provides U.S. Census demographic and economic tabular data that may be joined to Census geographies.
	<a href="#">U.S. Census Bureau, TIGER Products</a>	Provides U.S. Census geographies including information on roads, railroads, rivers, as well as legal and statistical geographic areas.
	<a href="#">U.S. Department of Commerce, Bureau of Economic Analysis</a>	Tabular data on economic, employment, and labor statistics.



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National	<a href="#">U.S. Fish &amp; Wildlife Service</a>	Downloadable GIS data on critical habitats, landscape conservation, National Wetlands Inventory, wildlife refuges, etc.
	<a href="#">U.S. Forest Service</a>	Downloadable GIS data and links to data on forests, grassland, biomass, topography, hydrography.
	<a href="#">U.S. Forest Service, Urban Forest Data</a>	Downloadable GIS data at the national, state, county, and subcounty level. Data includes land cover, tree canopy percentage, urban land cover, urban population, dollar benefits from trees, etc.
	<a href="#">USDA, Farm Service Agency</a>	NAIP aerial imagery of agricultural leaf-on growing seasons. Imagery may be classified and manipulated to show areas of healthy vegetation and tree canopy.
	<a href="#">USDA, Natural Resources Conservation Service</a>	Web Soil Survey provides information on soils. The interactive portal may be used to run numerous analyses for a particular area of interest.
	<a href="#">USDA, Natural Resources Conservation Service</a>	The Geospatial Data Gateway provides imagery, watershed data, digital elevation models, soil data, climate data, etc.
	<a href="#">USGS, EarthExplorer</a>	Access to numerous satellite and airborne imagery (e.g. Landsat 7).
	<a href="#">USGS, Land Cover Institute</a>	Over 100 land cover sources both nationally and internationally.
	<a href="#">USGS, National Land Cover Database</a>	Data on tree canopy cover, forest land, impervious cover, land classifications, etc. This data set may be plugged into iTree Vue to assess an area's ecosystem services.
	<a href="#">U.S. Drought Monitor</a>	Shapefiles and tabular data on both current and historic drought levels across the U.S.
	<a href="#">National Oceanic and Atmospheric Administration</a>	Various weather and climate data sources.
Web Map Viewers	<a href="#">City of Austin GIS/Maps</a>	Links to all of the City of Austin's GIS Web Maps and Viewers
	<a href="#">City of Austin</a>	Development Web Map
	<a href="#">City of Austin</a>	MOWS Viewer
	<a href="#">City of Austin</a>	Parks Viewer
	<a href="#">Austin Police Department</a>	Crime Search
	<a href="#">U.S. Fish &amp; Wildlife Service</a>	National Wetlands Inventory
	<a href="#">Texas A&amp;M Forest Service</a>	Wildfire Risk Assessment Portal
	<a href="#">Lower Colorado River Authority</a>	Hydromet: Hydrologic Data Viewer
	<a href="#">USGS</a>	The National Map Viewer

