

iTEMA

Tribal Emergency Management Association

GIS SOFTWARE, TRAINING, AND DATA SOURCES

BIA GIS Software & Training

General	http://www.indianaffairs.gov/WhatWeDo/ServiceOverview/Geospatial/index.htm	The Office of Trust Services Geospatial Support (OTSGS) provides GIS software, training, and system support for management of natural resources on Indian lands such as irrigation flood plain analysis, forest harvesting, wildland fire analysis, oil and gas management, and other economic analyses. Support activities include software distribution, customer license accounting, geospatial and technical software support, remote sensing, and GIS training and workshop sessions.
Software	http://www.indianaffairs.gov/cs/groups/webteam/documents/document/idc1-023471.pdf	
Training	http://www.indianaffairs.gov/cs/groups/xots/documents/document/idc1-023067.pdf	

General Data:

US Census Bureau	https://www.census.gov/geo/maps-data/data/tiger.html	Political and census files, boundaries, demographic data, etc
US National Atlas	http://nationalatlas.gov/atlasftp.html?openChapters=chpagri%2Cchpbio#chpbio	Raw data on everything from agricultural census data, presidential election results, airports, railways, glaciers, arsenic content in groundwater, and much more
USGS Historical Topographic Maps	http://nationalmap.gov/historical/	Electronic copies of USGS Topographic Maps from the last 125 years
National Geophysical Data Center	http://www.ngdc.noaa.gov/nndc/struts/results?op_2=ne&v_2=STORE&t=102759&s=15&d=10,15,11	Free data including elevation models, land cover, seismology, and more
North American Environmental Atlas	http://www.cec.org/Page.asp?PageID=1226&SiteNodeID=496	Environmental data including land cover, pollution, climate, ecosystems, human influence and protected species, in raster and vector formats

Land Management Data:

United Forest Service	http://svinetfc4.fs.fed.us/	Forest Service base data on most forests, and specific data on wildlife, vegetation, geology, climate change, and other environmental and infrastructure features
Region 1	http://www.fs.usda.gov/main/r1/landmanagement/gis	
Region 2	http://www.fs.usda.gov/main/r2/landmanagement/gis	
Region 3	http://www.fs.usda.gov/main/r3/landmanagement/gis	
Region 4	http://www.fs.usda.gov/main/r4/landmanagement/gis	
Region 5	http://www.fs.usda.gov/main/r5/landmanagement/gis	
Region 6	http://www.fs.usda.gov/main/r6/landmanagement/gis	
Bureau of Land Management	http://www.blm.gov/ca/st/en/info/maps/gis_links.html	

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Crime & Justice:

National Achieve of Criminal Justice Data	http://www.icpsr.umich.edu/icpsrweb/NACJD/gis/data.jsp	Crime data from the US, including various statistics - all geo-referenced but not necessarily provided in GIS-ready formats.
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Power & Energy:

US National Power Grid	http://www.mapcruzin.com/renewable-energy-us-electric-transmission-shapefiles.htm	Data from FEMA (the Federal Emergency Management Agency) showing rough locations of transmission lines and their connectivities. Data from 1993 and has not been updated since
Emissions & Generation Resources Integrated Database	http://www.epa.gov/cleanenergy/energy-resources/egrid/index.html	A comprehensive data source on the environmental characteristics (air emissions, resource mix, net generation and more) of all electrical power sources in USA. Each record contains location information, allowing use in GIS

http://www.blm.gov/ca/st/en/info/maps/gis_links.html

Emergency / Fire Incident Specific Data:

NIFC	ftp://ftp.nifc.gov/	Data from NIFC on Fire Incidents
FEMA	http://gis.fema.gov/	FEMA Data on incident potential and past incidents

State Specific Sites:

Alaska	http://www.asgdc.state.ak.us/
Arkansas	http://www.geostor.arkansas.gov/G6/Home.html
California	http://portal.gis.ca.gov/geoportal/catalog/main/home.page http://frap.fire.ca.gov/data/frapgisdata-sw-rangeland-assessment_data.php
Connecticut	http://clear.uconn.edu/data/CT_DEM/ct_dem_download.asp
Florida	http://www.fgd.org/metadataexplorer/explorer.jsp
Indiana	http://maps.indiana.edu/layerGallery.html http://gis.iu.edu/isdp_dl/map/m10000.html
Iowa	http://www.igsb.uiowa.edu/nrgislibx/
Kansas	http://www.kansasgis.org/catalog/index.cfm
Kentucky	http://kygisserver.ky.gov/geoportal/catalog/main/home.page
Louisiana	http://atlas.lsu.edu/rasterdown.htm
Maine	http://www.maine.gov/megis/catalog/
Montana	http://apps.msl.mt.gov/Geographic_Information/Data/DataList/
Massachusetts	http://www.mass.gov/anf/research-and-tech/it-serv-and-support/application-serv/office-of-geographic-information-massgis/

Michigan	http://www.mcgi.state.mi.us/mgdl/?action=thm
New York	http://gis.ny.gov/gisdata/inventories/member.cfm?organizationid=522&nysgis=
New Mexico	http://rgis.unm.edu/browsedata
North Carolina	http://www.nconemap.com/
Ohio	http://ogrip.oit.ohio.gov/ServicesData/GeodataDistribution.aspx
Oklahoma	http://okmaps.onenet.net/digital_data.htm
Pennsylvania	http://www.pasda.psu.edu/
Tennessee	http://tnstateparks.com/
Texas	http://www.tnris.org/
Utah	http://gis.utah.gov/
Vermont	http://vcgi.vermont.gov/
Washington	http://www.wsdot.wa.gov/mapsdata/geodatacatalog/
West Virginia	http://wvgis.wvu.edu/
Wyoming	http://wygl.wygisc.org/wygeolib/catalog/main/home.page

Many counties have their own GIS Department with online resources, which can be located by means of a quick Google Search

