

Categ	Database Title	Organization	Description	Data Products	Spatial Extent	Website	
7	All	USDA Clearing House	USDA	The Geospatial Data Gateway or Geo-Data Gateway provides easy and consistent access to natural resource data. You can search for available data by geographic area such as county or state, use our point and click map tool to find your area of interest; using a gazetteer, or by entering latitude and longitude coordinates. You can also search for data by theme, such as digital ortho imagery, digital elevation models (DEMs), or soils. You can then view a thumbnail, or sample of the data you've chosen to know if you want a copy of the data. If you do, you can either download the data directly onto your machine, pick it up via our ftp site, or order it on media such as CD. Content Purpose: The Geospatial Data Gateway provides One Stop Shopping for natural resources or environmental data at anytime, from anywhere, to anyone. The Gateway allows you to choose your area of interest, browse and select data from our catalog, customize the format, and have it downloaded or shipped on CD.	Theme Keywords: farming,soils,common land unit (CLU),orthoimagery,census (TIGER),elevation,hydrography,transportation,digital raster graphics (DRG),landcover (NLCD),watershed boundaries (WBD),flood hazard (FEMA Q3),climate - precipitation (PRISM),map indexesPlace Keywords: United States of America & Territories	National, State, County	http://datagateway.nrcs.usda.gov
8	All	GOS clearing house	DOI	Geospatial One-Stop makes it easier, faster and less expensive for all levels of government and the public to access geospatial information, providing the tools for better government services. Geospatial One-Stop, an intergovernmental project managed by the Department of the Interior in support of the President's Initiative for E-government, is the gateway to the NSDI Clearinghouse network. The project works in partnership with the Federal Geographic Data Committee (FGDC) to encourage collaboration, and leverage government geospatial resources and best practices (Ref date: 2/2005).	Administrative and Political Boundaries + Agriculture and Farming Soil Resources Water Resources Atmosphere and Climatic + Biology and Ecology Amphibians and Reptiles Bird Conservation Coastal and Inland Waters Ecosystems Fisheries and Aquatics Forestry Invasive Species Mammals Museum Collections Pollinators Vegetation Wildlife Disease Business and Economic Cadastral + Cultural, Society, and Demographic Demographic Archeology and Anthropology Built Environment American Indian/Alaskan Native Subchannel Historical Features Family and Social Services Law Enforcement Education + Elevation and Derived Products Derived Elevation Data and Products + Environment and Conservation Land Cover Meteorology Natural Resources Environmental Risk Watersheds Geological and Geophysical Human Health and Disease + Imagery and Base Maps Base Maps Orthoimagery Other Imagery + Inland Water Resources The Drainage Network Major Water Databases Locations and Geodetic Networks Oceans and Estuaries Transportation Networks Utilities and Communication	National, State, Local	http://www.geodata.gov/gos
9	All	AK state Clearinghouse	AGDC	The objective of the Alaska Geographic Data Committee is to build geographic information partnerships. The Alaska Geographic Data Committee will assess the needs of, and promote coordination with, the Federal/non-Federal spatial data community by facilitating communication between the Alaska Geographic Data Committee and the Federal Geographic Data Committee (including lead agencies, subcommittees, and other working groups). The Alaska Geographic Data Committee will pursue this objective through the following initiatives: Communication: Ensure continuing communication through fact-finding and information gathering between the Federal and non-Federal sectors of the mapping, surveying, and related spatial data community within Alaska. Investigation: Identify and evaluate the scope and nature of Federal and non-Federal liaison issues based on information from the Alaska Geographic Data Committee and individual Federal/non-Federal organizations in the State of Alaska. Coordination: Provide coordination between the Federal Geographic Data Committee and the Alaska Geographic Data Com	Web links	State	http://agdc.usgs.gov/
10	All	CO state clearing house	State of Colorado's GIS Committee	Has links to on line GIS data at several state depts -- Department of Transportation, Department of Public Health and Environment, Department of Local Affairs, Department of Natural Resources, Division of Water Resources, Colorado Geologic Survey, Division of Wildlife, Colorado Oil and Gas Conservation Commission.	Clearinghouse for CO state	State	http://www.covl.org/sagis/on-line_data.htm

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17	Anim Smithsonian National Museum North American Mammals Database	Smithsonian Institution	The interactive map of the North American Continent allows the user to search for all of the mammals that occur at a specific location or in a selected ecoregion. The map provides a variety of optional overlays to assist in this search: topography, states and province boundaries, cities, rivers, and US interstate highways.	Species list of mammals	ND by Dust database	http://www.mnh2.si.edu/education/mna/main.cfm
18	Anim Wildlife Exposure Factors Handbook	USEPA	The Wildlife Exposure Factors Handbook provides data, references, and guidance for conducting exposure assessments for wildlife species exposed to toxic chemicals in their environment. Potentially useful information include life history for wildlife (birds, mammals, reptiles), including reproduction rates, density, home range and daily movement patterns, and behavioral activities such as nesting, burrowing, and migration.	Wildlife Data	ND by Dust database	http://cfpub2.epa.gov/ncea/cfm/wefh.cfm
19	Anim Bound Utah Division of Wildlife Resources (UDWR) database	UCDC Database	An integral part of the Utah Division of Wildlife Resources, the Utah Conservation Data Center (UCDC) is the central repository for Utah biodiversity information. Although the UCDC focuses primarily on Utah's rare native species and other high-interest species (game animals and raptors, for example), information on all Utah vertebrate wildlife species, many invertebrate species, and numerous plant species is available. Utah Conservation Data Center information is a collection of data from many sources. Major data contributors include the Utah Division of Wildlife Resources, the Utah Reclamation Mitigation and Conservation Commission, the United States National Park Service, the United States Forest Service, the United States Fish and Wildlife Service, the United States Bureau of Land Management, Utah State University, the University of Utah, Brigham Young University, the network of state/province Natural Heritage Programs and Conservation Data Centers, The Nature Conservancy, NatureServe, various museums, and numerous individuals.	UDWR Utah natural heritage program locality data UDWR Bird Habitat Coverages UDWR Mammal Habitat Coverages UDWR Abiotic Data (wildlife mgt units, cougar mgt units, administrative boundaries, hunt units)	State	http://dwrcdc.nr.utah.gov/ucdc/DownloadGIS/disclaim.htm
20	Anim Env LU AK NPS GIS Data Clearinghouse	NPS	The Alaska Support Office (AKSO) of the National Park Service is making its digital maps available through this AKSO Geospatial Data Clearinghouse website. This site provides GIS coverages for the fifteen national parks of Alaska. Data are in ARC/INFO 8 format and can be downloaded and distributed Public Domain ly. Maps are indexed by park and then by theme group. To find coverages chose a park from the list of parks.	Biologic Cook Inlet to Kenai Peninsula- Birds Fall Cook Inlet to Kenai Peninsula- Birds Spring Cook Inlet to Kenai Peninsula- Birds Summer Cook Inlet to Kenai Peninsula- Birds Winter Cook Inlet to Kenai Peninsula- Clams Cook Inlet to Kenai Peninsula- Haulouts Cook Inlet to Kenai Peninsula- Herring Cook Inlet to Kenai Peninsula- Marine Mammals Fall Cook Inlet to Kenai Peninsula- Marine Mammals Spring Cook Inlet to Kenai Peninsula- Marine Mammals Summer Cook Inlet to Kenai Peninsula- Marine Mammals Winter Cook Inlet to Kenai Peninsula- Nesting Sites Ecoregions of Alaska- Unified Fires- NPS Alaska Cultural Alaska Parks Alaska Parks Outline Cook Inlet to Kenai Peninsula Socioeconomic Boundaries National Natural Landmarks NPS Land Status- All NPS Land Status- Camps NPS Land Status- Easements Wild and Scenic Rivers Index AHAP Photos (line)	State	http://www.nps.gov/akso/gis/

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21	Anim LU	USDA NASS	USDA's National Agricultural Statistics Service	NASS publishes U.S., State, and County level agricultural statistics for many commodities and data series. Quick Stats offers the ability to query by commodity, state(s) and year(s). The query dataset can be downloaded for easy use in your database or spreadsheet.	2002 agriculture census US and State data -- Grains Hay Oilseed & Cotton Potatoes, Dry Beans, & Hops Sugar & Mint Tobacco Vegetables - Fresh & Processed Broilers - Chickens Cattle Dairy Dairy Products Dairy Products Prices Hogs Sheep & Goats Slaughter - Red Meat Production Crop Progress Stocks - Grains & Oilseeds Farm Numbers & Land in Farms	National, State, County	http://www.nass.usda.gov/QuickStats/
22	Anim LU	NatureServe Explorer	NatureServe	NatureServe Explorer contains information on approximately 32,953 species and subspecies of plants, 25,928 species and subspecies of animals, and 7,065 ecological associations and alliances and 601 ecological systems. The Comprehensive Report for each species includes available information in the following categories: classification; conservation status; status rank factors; distribution; ecological and life history; economic attributes; management summary; authors and contributors; and references. The Comprehensive Report for ecological units contains available information in the following categories: classification; related names; global conservation status; distribution; environmental setting; vegetation structure; dynamic processes; authors and contributors; and references	Wildlife and Habitat Data	ND by Dust database	http://www.natureserve.org/explorer/
23	Anim LU Pop Env	FRAP Database	Fire and Resource Assessment Program, California Department of Forestry and Fire Protection	State law (Public Resource Code 4789) requires the California Department of Forestry and Fire Protection (CDF) to periodically assess California's forest and rangeland resources. The Fire and Resource Assessment Program (FRAP) of CDF performs the assessment in cooperation with federal, state and local agencies, public and private organizations, and California's academic research community.	Agricultural Census Special Tabulation (1982): Livestock Operations Agricultural Census Special Tabulation (1987): Livestock Operations Bioregions (INACC Regions) CDF Administrative Boundaries CDF SRA /DPA Population and Housing CDF State Responsibility Area (SRA) Census 1990 Block Data (Migrated) Census 2000 Block Data Census 2000 Block Data (Migrated) Census 2000 Block Group Data Census 2000 Block Group Year Structure Built Database Census 2000 Places Census 2000 Urbanized Areas Coastal Redwood Vegetation County Boundaries (1:24,000-scale) Development Footprint Development Projections (2000 Census) Fire Management Environments Fire Perimeters Fire Regime and Condition Class (FRCC) Fire Rotation Fire Threat Fire: Post Fire Erosion Potential Fire: Wildland Urban Interface (WUI) Fire Threat Fuel Rank Fuels: Fire Hazard Severity Zones (1985) Fuels: Surface Fuels Hardwood Rangeland Vegetation (Pixels) Hardwood Rangeland Vegetation (Polygons)	State	http://frap.cdf.ca.gov/data/frapgisdata/select.asp

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24	Bound	City of Albuquerque, NM GIS database	City of Albuquerque, NM	GIS Database from the City of Albuquerque ESRI Shapefiles (see data products) Complete Zone Atlas Download (.zip format) Large Format Maps from AGIS Individual Zone Atlas Pages Download (.tif format) Complete Address Atlas Download (.pdf format) Bernalillo County Online Maps Bernalillo County Data Downloads (include county wide ortho photography)	ESRI SHAPE FILES: actlust.shp - Active Leaking Underground Storage Sites (POINT) SOURCE: EHD apdbeat.shp - APD police beats (POLY) SOURCE: AGIS amafca.shp - Metro Flood Control SOURCE: AGIS apsall.shp - Albuquerque Public School sites (POINT) SOURCE: AGIS arroyos.shp - Arroyos SOURCE: AGIS base.shp - Basemap of platted subdivisions and street ROW (POLY) SOURCE: AGIS bike20.shp - Bike Trails Year 2000 (ARC) SOURCE: MRGCOG blksub.shp - Legal Blocks and Subdivisions dissolved from Base map (POLY) SOURCE : AGIS bosque.shp - Bosque Sectors (Open Space - no contact information) Buildings - Directory containing Building outline polygons by area SOURCE:AGIS case.shp - Planning Case Tracking Areas (POLY) SOURCE: AGIS cc00.shp - City Council Districts (POLY) SOURCE: AGIS	City	http://www.cabq.gov/gis/download.htm
25	Bound	UT's Carbon County Database	Carbon County, State of UT	UT's Carbon County Database	County Roads, municipal boundaries, county zoning, county boundaries, township and range, sections, railroad tracks, voting districts, water bodies, water courses, land ownership	County	http://www.carboncountyyutah.com/gis/index.htm and http://www.carboncountyyutah.com/gis/downloads.htm
26	Bound	BLM Administrative Jurisdictions	BLM, National Science & Technology Center	The BLM is an agency in the Department of Interior, in the US Government. The BLM manages 264 million acres of surface acres of public lands located primarily in the 12 Western States, including Alaska. The agency manages an additional 300 million acres of below ground mineral estate located throughout the country. Originally, these lands were valued principally for the commodities extracted from them; today, the public also prizes them for their recreational opportunities and their natural, historical, and cultural resources they contain.	Theme_Keyword: BLM administration, BLM jurisdictions, Field Office, State Office, District, Resourcearea, Tier	National	http://www.blm.gov/nstc/jurisdictions/
27	Bound	Digital Offshore Cadastre -- Clearinghouse	MMS, Mapping & Boundary Branch	The MMS is making its existing cadastre data available at http://www.mms.gov/ld/Maps.htm . These data will include digital images of MMS data at the regional, planning area, Official Protraction Diagram (OPD), and Supplemental Official OCS Block Diagram (SOBD) levels and digital spatial data in Arc/Info export and Arc/View shape format at the regional or planning area levels. The cadastre information MMS produces is generated in accordance with 30 Code of Federal Regulations (CFR) 256.8 to support Federal land ownership and mineral resource management.	Theme Keywords: offshore,cadastre,outer continental shelf,minerals management service,official protraction diagram,supplemental official OCS block diagram,submerged lands act boundary,state seaward boundary,limit of '8(g) zone',coastline,shoreline,marine sanctuary,planning area,composite block diagram Place Keywords: exclusive economic zone,atlantic ocean,pacific ocean,arctic ocean,gulf of mexico,caribbean sea,maine,new hampshire,massachusetts,rhode island,connecticut,new york,new jersey,delaware,maryland,virginia,north carolina,south carolina,georgia,florida,alabama,mississippi,louidiana,texas,california,oregon,washington,alaska,hawaii,puerto rico,u.s. virgin islands	National	http://www.mms.gov/ld/Maps.htm

28	Bound	MAD Database	McGhie, R. Gavin. 1996. Creation of a Comprehensive Managed Areas Spatial Database for the Conterminous United States: Summary Project Technical Report (NASA-NAGW-1743). NCGIA Technical Report 96-4. NCGIA, University of California Santa Barbara, California.	MAD is a comprehensive GIS database for the conterminous United States which includes all types of managed areas. Examples include National and State Parks and Forests, Wilderness Areas, Indian and Military Reservations, and National Wildlife Refuges. Researchers at the Remote Sensing Research Unit have compiled this database by integrating a number of data sources diverse in scale and map projection. The database has been compiled as a 1:2,000,000 scale product, and both the precision and accuracy of the database are in accord with that scale. This effort at RSRU complements similar activities being performed by national and international agencies such as the World Conservation Monitoring Center (WCMC), United Nations Environmental Program (UNEP), and the National Biological Service (NBS).	NA tribal regions	National	http://www.ncgia.ucsb.edu/rsru/mad/mad.html
29	Bound	The National Park Service Interactive Map Center	NPS	The NPS Interactive Map Center provides access to dynamic maps of the park system. Use the Map Center to find maps that meet your specific criteria and then generate custom maps to print or download. Maps are available for all the national parks and monuments but the site features park specific data for Yellowstone and Gettysburg.	parks,monuments	National	http://maps.nps.gov/
30	Bound	US Census Bureau Boundary Files	U.S. Census Bureau	Provides access to generalized, digital files suitable for use with a Geographic Information System (G.I.S.) as a base for medium to small-scale thematic mapping.	Alaska Native Regional Corporations American Indian Areas/Alaska Native Areas/Hawaiian Home Lands American Indian Tribal Subdivisions Census Block Groups Census Divisions Census Regions Census Tracts Congressional Districts Consolidated Cities County and County Equivalent Areas County Subdivisions Incorporated Places/Census Designated Places Metropolitan Areas Metropolitan and Micropolitan Statistical Areas New England City and Town Areas New England County Metropolitan Areas Oregon Urban Growth Areas Public Use Microdata Areas School Districts State and State Equivalent Areas State Legislative Districts - Lower/House State Legislative Districts - Upper/Senate Subbarrios (Puerto Rico Only) Traffic Analysis Zones Tribal Block Groups Tribal Census Tracts Urban Areas Voting Districts 3-Digit ZIP Code Tabulation Areas (ZCTAs) 5-Digit ZIP Code Tabulation Areas (ZCTAs)	National	http://www.census.gov/geo/www/cob/metadata.html
31	Bound	MMS Cadastral Data	MMS, DOI	NA	GIS and maps	National	http://www.mms.gov/ld/Maps.htm

32	Bound	Variable NPS datasets	NPS, DOI	GIS data on national parks: National Data Sets, National Historic Trails Data Sets, National Scenic Trails Data Sets, Regional Data Sets, Saipan, Natural Resources Inventory & Monitoring	National Park Service - Historic Railroad Dataset 03/17/2003 RAILROAD.E00 National Park Service - Historical Camp Sites 11/29/2002 HISTCAMP.ZIP National Park Service - Park Boundaries 03/17/2003 BOUNDARY NPS_BOUNDARY.ZIP National Park Service Civil War Data - Cemetery 03/17/2003 CEMETERY.E00 National Park Service Civil War data - Battery 11/29/2002 BATTERY.ZIP National Park Service Civil War data - Battle Positions 11/29/2002 BATTLEPOS.ZIP National Park Service Civil War data - Burial sites 11/29/2002 BURIAL.ZIP National Park Service Civil War data - Cannon Locations 11/29/2002 CANNON.ZIP National Park Service Civil War data - Fort 11/29/2002 FORT.ZIP National Park Service Civil War data - Gun 11/29/2002 GUN.ZIP National Park Service Civil War data - Historical Hole 11/29/2002 HISTHOLE.ZIP National Park Service Civil War data - Historical Roads 11/29/2002 HISTROAD.ZIP National Park Service Civil War data - Hut 11/29/2002 HUT.ZIP National Park Service Civil War data - Traverse	National, State	http://www.nps.gov/gis/data_info/
33	Bound	AK DNR Database	AK DNR	Annotation & Places \$150 Boundaries & Resources \$150 General Base Map \$75 Grids \$150 Hydrography \$900 Land Status \$600 Physical \$150 Sections-Double Precision \$500 Sections-Single Precision \$500 Transportation Precision \$150 Other Data: Forest Conditions CD* \$0 \$0 EVOS CD* \$0 \$0 PLSS CD* \$0	Annotation & Places \$150 Boundaries & Resources \$150 General Base Map \$75 Grids \$150 Hydrography \$900 Land Status \$600 Physical \$150 Sections-Double Precision \$500 Sections-Single Precision \$500 Transportation Precision \$150 Other Data: Forest Conditions CD* \$0 \$0 EVOS CD* \$0 \$0 PLSS CD* \$0	State	http://www.asgdc.state.ak.us/homehtml/pubaccess.html
34	Bound	AK FWS Database - Wilderness & refuge areas	FWS AK	The Alaska Region of the U.S. Fish & Wildlife Service collects and manages an enormous amount of spatially-referenced data - wilderness and refuge areas.	Alaska Maritime National Wildlife Refuge Legislative Boundary	State	http://alaska.fws.gov/aba/itm/gis/refuge.htm

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35	Bound ALRIS - AZ State ClearingHouse	AZ State Land Dept http://www.land.state.az.us/index.html	One of the most expensive parts of creating and operating a GIS is the creation and maintenance of digital spatial databases. In order to decrease total costs for GIS in Arizona, the ALRIS program acts as a clearinghouse for digital spatial data. File format conversions are often performed for agencies receiving the data. Occasionally geographic data subsetting is performed, and plot maps and/or tabular information associated with the digital data are supplied.	Indian reservations Arizona Preserve Initiative boundaries AZtowns census blocks Cities U.S. Congressional districts Contour Intervals Counties digital elevation models digital raster graphics Faults Geology natural vegetation census block groups Images of 3D lattices hydrologic unit codes interstate highways irrigated lands, 1965 Lakes and other hydro polygon features Lattice 10M - merged DEMs Lattice 30M - merged DEMs state legislative boundaries census landmarks Mines natural vegetative biotic communities land ownership census populated places USGS 7.5' quad boundaries riparian vegetation School District Boundaries - Elementary, Secondary, unified, Springs, Streams, Streets, County boundaries from TIGER, power lines from TIGER, railroads from	State	http://www.land.state.az.us/alris/
36	Bound Arizona Independent Redistricting Commission GIS database	Arizona Independent Redistricting Commission	The Arizona Independent Redistricting Commission adopted the Equal Population Grids for the Congressional and Legislative Districts on June 7, 2001. The grid was required by Proposition 106 as the initial starting point for districts and was based on Arizona's Township, Range, and Section Public Land Survey System. Provides various iterations of the redistricting maps, interactive version, printable version and ArcView shapefile, Mapitude GIS file, and an equivalency file.	Congressional and Legislative grids	State	http://azredistricting.org/?page=grid
37	Bound City of Corvallis, Oregon Public Works Department's Mapping & GIS Services	City of Corvallis, Oregon Public Works Department's Mapping & GIS Services	City of Corvallis, Oregon Public Works Department's Mapping & GIS Services	layers" of mapping features such as parcels, zoning, utilities, flood zones, streams and buildings can be viewed, along with the associated data	State	http://www.ci.corvallis.or.us/index.php?option=content&task=view&id=525&Itemid=464
38	Bound CO CDPHE/HazardousMaterials and Waste Mgt Division Database	CO Department of Public Health and Environment	This website provides interactive mapping for groups of facilities regulated or remediated by the Hazardous Materials and Waste Management Division. Other groups of facilities managed by the division that are not depicted on this website are the Federal Facilities and Voluntary Cleanup. The larger CERCLIS dataset of which the Superfund sites are a subset, is a dataset managed by the US EPA and may be searched at their website http://www.epa.gov/enviro/html/cerclis/cerclis_query.html .	Superfund Boundaries Uranium Mill Tailings Sites Solid Waste Sites Hazardous Waste Sites	State	http://www.cdph.state.co.us/hm/hmgis.asp
39	Bound DRG CO Div of Water Resources GIS Databases	CO Div of Water Resources	ND	Digital Raster Graphics (1:24,000 TOPO MAPS) -- Projection: UTM, Zone 13, Meters, NAD83 DRGEDIT.AVE File Aquifers Designated Basins and Management Districts District Boundaries Division Boundaries Lakes Rivers - All Divisions (1-7)	State	http://water.state.co.us/pubs/gis.asp

40	Bound Emis Trans	SD DENR Online Database	State of SD	The State of SD - Department of Environment and Natural Resources is currently in the process of developing a database that will contain GIS coordinates for all point sources as well as a number of modeling parameters (emission rates, velocities, stack heights, temperatures, etc.). The State of SD has a considerable amount of coverages pertaining to roads, rivers and various spatial coverages. I can further elaborate on these coverages or make them available to you once I have a better idea of what you're looking for.	South Dakota Digital Base Data, online databases for	State	http://www.sdgs.usd.edu/index.html
41	Bound Env	FEMA Q3 Flood Data	FEMA	The Q3 Flood Data is developed by electronically scanning the current effective map panels of existing paper Flood Insurance Rate Maps (FIRMs). Certain key features are digitally captured and then converted into area features, such as floodplain boundaries. Using GIS software such as ArcGIS and ArcExplorer-Java Edition, ESRI's Public Domain data viewer, you can overlay the Q3 Flood Data with your own information (street networks, land parcels, customer addresses, etc.) to display potential flood risk zones and identify future marketing opportunities. Q3 Flood Data captures certain key features from the existing paper FIRMs.	100-year and 500-year (1% and 0.2% annual chance) floodplain areas, including Zone V areas, certain floodway areas (when present on the FIRM), and zone designations Coastal Barrier Resources Act (COBRA) areas Political areas, including community identification number FIRM panel areas, including panel number and suffix U.S. Geological Survey (USGS) 1:24,000 scale topographic quadrangle corner points and neatlines The digital Q3 Flood Data do not contain the following data features that are shown on the official paper FIRM: 1) hydrographic features, 2) base flood elevations, 3) cross section lines, 4) roads, road names, or address ranges, and 5) elevation reference mark locations and elevations. 6) numbered A zones and the shading of A zones	National	http://msc.fema.gov/sta/temap.shtml
42	Bound Env Pop	Superfund and Toxic Sites	EPA	Content Summary: This map service presents Superfund and Toxics Release Inventory (TRI) sites in the United States. Superfund sites are uncontrolled or abandoned places where hazardous waste is located, possibly affecting local ecosystems or people. The TRI is an annual report of toxic chemical pollution released into the environment by businesses throughout the country. It is available so EPA, other levels of government and the public can analyze industries' progress toward reducing pollution. It also allows individuals to monitor contamination coming from facilities located near residential communities. The map service also contains basemap data from ESRI. Content Purpose: This map service may serve as a basemap for a variety of GIS and mapping applications related to environmental risk assessment.	Geographic Boundaries,Hydrologic Data,Environmental Risk Data,Cultural Data,toxic hazards,water,populated places	National	http://www.epa.gov/
43	Bound LU	Skagit County Digital Data Warehouse	Skagit County, WA -- Skagit County Geographic Information Services (SCGIS).	Skagit County Geographic Information Services (SCGIS). Our office is a centralized service center that provides GIS services to meet the business needs of our partners, customers, and clients within Skagit County and the communities we serve. This includes providing support and maintenance in the areas of GIS, data conversion, cartography, remote sensing, computer graphics and visualization, Global Positioning Systems, database design, software development, address system maintenance, and 911-database maintenance.	1937 Aerial Photography 2001 Aerial Photography Assessor Tax Parcels CAD & GIS City Limits Comprehensive Plan And Zoning Districts Commissioner Districts Historical Sites Hydrology Hydrology Flow Control Structures Public Places Rural Fire Districts School Districts Street Network Voting Precincts	County	http://www.skagitcounty.net/Common/Asp/Default.asp?d=GIS&c=General&p=Digital/main.htm

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44	Bound LU	Weber County GIS Database	Weber County, UT	The parcel base map is current as of March 1, 2005. The GIS Division is currently working with the Recorder's Office on updating all parcel splits and subdivisions as they are recorded. The parcel basemap is updated on a daily basis. Data is also extracted from databases maintained by the Weber County Assessor, Recorder, and Treasurer Offices.	Year 2000 Black and White Aerials @ http://www1.co.weber.ut.us/engineering/aerial_map.php Parcel Base map Digital copy of the entire county - \$250.00 The digital base map data includes city boundaries and street names, if requested, at no additional cost. Centerline Coverage Digital copy of the centerline coverage for the entire county. \$350.00 Updates will be available on a monthly basis.\$50.00 per update. Custom Data and Other Coverages Available Custom areas of the Parcel Basemap or centerline coverage and any other digital copy of data or database information. Contact Us regarding other available coverages. \$50.00 per hour to extract area. 1 hour minimum	County	http://www.co.weber.ut.us/gis/default.asp
45	Bound LU	US Army Corps of Engineers Geospatial Data Clearinghouse	US Army Corps	US Army Corps of Engineers national data and metadata available for download as well as metadata software.	Geographic Boundaries,Hydrologic Data,GIS,data,metadata	National	http://corpsgeo1.usace.army.mil/
46	Bound LU Trans	San Juan County, WA GIS Data Download Library	San Juan County, WA	San Juan County GIS Data Download Library	Boundaries Geopolitical or physical area outlines (boundaries) Comp Plan Comprehensive Plan, Land Use and Shoreline Master Program Hydrology Water related features Land Records Real estate parcels (includes tax information) Roadways Features related to roads, public and private Topography Physical and natural topographical features	County	http://www.co.san-juan.wa.us/gis/gislib.asp
47	Bound LU DEM Pop	Montana Natural Resource Information System (NRIS)	Montana State Library	The Montana Natural Resource Information System Geographic Information System (GIS) is a clearinghouse for GIS databases and provides services to groups or individuals needing access to GIS technology.	MT Maps Downloadable statewide, county, watershed, or regional map images in GIF or PDF format. NRIS Maps and GIS Data Shortcuts MT Framework (NSDI) Layers Cadastral data Aerial Photographs (Orthophotos and DOQQ's) USGS Topographic Maps Digital Elevation Models NRCS SSURGO Soils Data 2000 TIGER FILES Interactive Legislature Maps: 2005 Legislature State Map 2005 Legislature Town Maps Fire Response Data	State - Multiple	http://nr.is.state.mt.us

Id	Categ	Database Title	Organization	Description	Data Products	Spatial Extent	Website
48	Bound LU Env DEM	Washington State Geospatial Clearinghouse	WA State	Washington State Geospatial Clearinghouse	Search for Administrative and Political Boundaries Facilities, Buildings and Structures Agriculture and Farming Geodetic Networks and Control Points Atmospheric and Climatic Data Geologic and Geophysical Information Base Maps, Scanned Maps, and Charts Human Health and Disease Biologic and Ecologic Information Imagery and Aerial Photographs Business and Economic Information Inland Water Resources and Characteristics Cadastral and Legal Land Descriptions Ocean and Estuarine Resources and Characteristics Earth Surface Characteristics & Land Cover Society, Cultural and Demographic Information Elevation and Derived Products Tourism and Recreation Environmental Monitoring and Modeling Transportation Networks and Models Utility Distribution Networks	State	http://metadata.gis.washington.edu/
49	Bound LU Pop	Geographic Names Information System (GNIS)	USGS	The Geographic Names Information System (GNIS), developed by the USGS in cooperation with the U.S. Board on Geographic Names (BGN), contains information about almost 2 million physical and cultural geographic features in the United States and its territories. The Federally recognized name of each feature described in the data base is identified, and references are made to a feature's location by State, county, and geographic coordinates.	Theme_Keyword: Feature identification Theme_Keyword: Geographic feature Theme_Keyword: Geographical feature Theme_Keyword: Geographic name Theme_Keyword: Geographical name Theme_Keyword: Feature name Theme_Keyword: Official feature name Theme_Keyword: Place name Theme_Keyword: Variant name Theme_Keyword: Feature location Theme_Keyword: Feature coordinates Theme_Keyword: Feature state Theme_Keyword: Feature county Theme_Keyword: Feature class Theme_Keyword: Feature history Theme_Keyword: Feature description Theme_Keyword: Feature designation	National	http://geonames.usgs.gov/ or http://nationalmap.usgs.gov/
50	Bound LU Trans	COMPASS GIS Mapping Counter and Distribution Point	The Community Planning Association of Southwest Idaho (COMPASS)	COMPASS is the "Metropolitan Planning Organization" for Ada and Canyon Counties. COMPASS is a member of a GIS co-operative composed of several local jurisdictions. We maintain a number of geographic data layers and serve as a mapping counter and distribution point for GIS data. COMPASS provides GIS services in the form of geographic analysis. COMPASS staff are capable of generating maps, database files, or reports of Census and other forms of data.	Basemap (Parcels, Centerline Roads, Street Names, Section/Township/Range, Water Features) Districts (School, Fire, Sewer, Drainage, Canal, Irrigation) Land Use (City Limits, Area of Impact, Urban Service Planning Area, Parks, Golf Courses, etc., Zoning, Comprehensive Plans, Floodway, Census Tracts, Census Blocks, Subdivision, Zipcodes, Demographic Areas) Transportation (Functional Street Classification, Bus Routes, Traffic Analysis Zones, Railroad, Runways, Bikeways, Airport Influence Area) Other (Fire Stations, Hospitals, Hazardous Sites)	County	http://www.compassidaho.org/
51	Bound LU Trans	AK State Clearinghouse	State of AK	Annotation Biologic (latest 2000) Boundaries (latest 2000) Cultural - Exxon Valdez Oil Spill (EVOS) (latest 2000) Geoscience Graticules -- PLSS, USGS quad (latest 2000) Land Status Natural Resources --aquaculture, tidelands, forestry, mining, oil and gas, water (latest 2005) Physical Features- coast, elevation, hydrography, places, soil, vegetation, volcanoes (latest 2000) Transportation (latest 1999)	Annotation Biologic (latest 2000) Boundaries (latest 2000) Cultural - Exxon Valdez Oil Spill (EVOS) (latest 2000) Geoscience Graticules -- PLSS, USGS quad (latest 2000) Land Status Natural Resources --aquaculture, tidelands, forestry, mining, oil and gas, water (latest 2005) Physical Features- coast, elevation, hydrography, places, soil, vegetation, volcanoes (latest 2000) Transportation (latest 1999)	State	http://www.asgdc.state.ak.us/

52	Bound Pop	Teton County GIS Database	Teton County WY	Teton County GIS database	Data Products	Spatial Extent	Website
					<p>In MapInfo Format</p> <p>Ownership and address from the Assessor's Tax Roll</p> <p>Land ownership polygons and condominium points</p> <p>Public and private roads and access easements and levee easements</p> <p>Annotations: Road names, subdivision names, lot numbers, and water feature names</p> <p>Public Land Survey, 3 layers: R_PLS - sections as polygons; PLS - section, ¼ Section, & meander lines; L_TwnRng - township lines</p> <p>4 layers: Town of Jackson and Teton County zoning districts zoning overlays overlays</p> <p>2 layers: Water - 1:100,000 scale water features (lines only); Water24k - 1:24,000 scale water features (lines & polygons)</p> <p>2 workspaces for Mapinfo 4.5 (and up); and 1 workspace for MapInfo Professional 6.0 (includes HotLink to scanned land records)</p> <p>In ESRI Shapefile Format</p> <p>Survey control points data, primarily of use to surveyors</p> <p>Public water system distribution systems (pipes, wells, tanks)</p> <p>Land ownership. Assessor table joined to Parcel, see descriptions above.</p> <p>Public and private roads and access easements, levee easements, and road centerlines.</p> <p>4 themes: Town of Jackson and Teton County zoning d</p>	County	http://www2.tetonwyo.org/gis/download/Default.asp
53	Bound Pop	LandView 6	U.S. Census Bureau	LandView has its roots in the CAMEO software (Computer-Aided Management of Emergency Operations). Contains both database management software and mapping software used in the CAMEO system to create a simple computer mapping system involving two programs - MARPLOT® and LandView. The MARPLOT mapping program allows users to map Census 2000 legal and statistical areas, EPA Envirofact sites, and USGS Geographic Names Information (GNIS) features. The LandView database system allows users to retrieve Census 2000 demographic and housing data, EPA Envirofacts data and USGS GNIS information. The GNIS contains over 1.2 million records which show the official federally recognized geographic names for all known places, features, and areas in the United States that are identified by a proper name.	ensus 2000 legal and statistical areas, EPA Envirofact sites, and USGS Geographic Names Information (GNIS) features	National	http://www.census.gov/geo/landview/

54	Bound Pop	CaSIL GIS Database	California Spatial Information Library (CaSIL)	The California Mapping Coordinating Committee (CMCC) is in the process of developing a series of GIS-related web pages to provide information on State government GIS activities, access to statewide GIS data, and links to the larger California GIS community. This website and the Spatial Information Library are works in progress. Starting July 1, 2001 some of California's physical and cultural geospatial information, formerly distributed by the Teale Data Center, is being distributed to the public by the California Mapping Coordinating Committee through servers at the California Environmental Resources Evaluation System (CERES) in the Resources Agency and National Aeronautics and Space Administration (NASA) Ames Research Center.	Administrative Divisions ARB California AirBasins ARB California AirDistricts Board of Equalization District Boundaries California Office of Emergency Services Regions Congressional District Regions 2001 Congressional District Regions 2001 with Additional Tiger Information County Boundaries (1:24000) Department of Fish and Game Regions Department of Toxic Substance Control Regions Department of Transportation (Caltrans) Districts Department of Water Resources Water Districts Federal Water Districts for California 1:24,000-scale Private Water Districts for California 1:24,000-scale Regional Water Quality Control Boards State Water Districts for California Cultural Geography California General Plans California General Plans with Rural Residential Areas Census 2000 Block Data Census 2000 Block Group Data Census 2000 Place Names Census Tract (1990) City Boundaries (1990 TIGER) Geographic Names (GNIS) Government Ownership (1997) Public and Conservation Lands (2004)	State	http://www.gis.ca.gov/d ata_index.epl
55	Bound Pop	CO Division of Emergency Management - Cartography / GIS Section Database	CO Division of Emergency Management - Cartography / GIS Section	Cartography/GIS section of CDEM provides mapping/graphics and GIS support for the Colorado Division of Emergency Management programs as well as other sections, programs and business units within the Department of Local Affairs. We collect and maintain geographic information in both hard copy maps and digital forms. Our principal themes are local government boundaries in Colorado as well as decennial census statistical geography and TIGER/Line files. Included among these is the Conservation Trust Fund (CTF) distributions to local governments. These data are integrated into our GIS and used to develop baseline indicators for annual population estimates in support of the division's administration of the CTF. In addition to support for the Conservation Trust Fund, we manage state participation in decennial census geographic programs.	Local government boundary data : (County boundaries, Municipal boundaries, Title 32 special district boundaries, School district boundaries) Census Bureau Tiger Data 1995 and 1990 Census Data Census Bureau Tiger Data 2000 and 2000 Census Data statewide topographic index to 24K, 100K and 250K mapping series as an uncompressed ARC export file. (1:1,000,000) Colorado State Congressional, House, and Senate Districts - 2002. statewide shaded relief image as a compressed ARC Export file. statewide elevation grid (lattice) as a compressed ARC Export file Tabular data (non-GIS) for Land Area of Counties in Colorado & Colorado Land Ownership by County	State, County	http://www.dola.state.co.us/oem/cartography/cartog.htm

56	Bound Pop LU	MOA GIS Data	Municipality of Anchorage	Description	Data Products	Spatial Extent	Website
				This portal is designed for people wishing to access, acquire and use data stored in the Municipality GIS system. Provided here are mapping applications for address searching, property information, wildfire information, liquor licenses, snow plowing status, zoning and platting information, and for viewing of corporate Municipal mapping layers. Note that the snow plowing, platting and zoning application, and addressing applications content are updated by Public Works and Planning departments. The liquor license application information content is managed by the Clerk's Office. Please contact these departments for any questions regarding information content for those applications. There are many GIS layers produced by the Municipality over the past 15 years. This site focuses mainly on corporate GIS layers. Please note that "corporate" data refers to data which is used by more than one department and is a citywide information source. Corporate data is also data which has metadata (descriptive information) verifying the data source, date produced, data author, etc. We strive to keep corporate data current. Parcel-based layer inf	GIS Layers available in CD Rom -- Assembly district boundaries;Avalanche Hazard Areas developed originally from Avalanche hazard studies by Mears consultants, early 1980's.;Select public building footprints (schools, fire stations, police, hospitals, etc.);Census Block Group;Parcel Easements;(N/A FORTH COMING)4 foot topographic contours from LIDAR elevation data model (DEM) covering urban Anchorage area (outside military zones);(N/A FORTH COMING)20 foot topographic contours from LIDAR elevation data model (DEM) covering urban Anchorage area (outside military zones);Parcel-based Planning Dept. land use information;Smaller streams mapped by Watershed Mgt.;Legislative boundaries;Marine water bodies, shoreline, tidal zones;MOA boundary;Larger streams mapped by Watershed Mgt.;Parcel boundaries;Road centerline data w/address ranges;Road centerlines only;Parcel subdivision Boundaries;5 meter contour elevations created using USGS Digital Elevation Model.;MOA Watersheds from PM&E;Zoning boundaries; GIS Raster Data in CD Rom - Vegetation, fuel types, etc. Developed using Landsat 7 2002 imagery and other an	City	http://munimaps.muni.org/website/spatialdirect2/viewer.htm?Title=ArclMS%20HTML%20Viewer
57	Bound Pop LU	NWI - National Wetland Inventory	FWS	NWI digital data files are records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps.	Geographic Boundaries,Census/Demographic Data,Land Use Data,Hydrologic Data,wetlands NWI	National	http://www.nwi.fws.gov/
58	Bound Pop LU	Oregon Geospatial Data Clearinghouse (OGDC)	Oregon Geospatial Enterprise Office (GEO)	The Oregon Geospatial Data Clearinghouse (OGDC), part of GEO that is responsible for the Digital Spatial Data Library, is a component member of the US Census Bureau's State Data Center. This enables the OGDC to act as a repository for all of the US Census Bureau's data for Oregon. The OGDC is also the first all-digital Earth Science Information Center (ESIC). This is a cooperative effort with the US Geological Survey. As an ESIC office, the OGDC receives digital data sets, such as the 1:100,000 Digital Line Graphs (DLGs), for redistribution. As an all-digital ESIC office, we do not distribute hardcopy USGS maps, air photos, or brochures.	303d Lakes - 2002 303d Lakes - 1998 303d Lakes - 1994-1996 303d Streams - 2002 303d Streams - 1998 303d Streams - 1994-1996 Beach Access Points and Estuarine Boat Ramps 2000 Census 1990 & 1995 Census Cities City Limits 2003 City Limits 1999 City Limits 1996 County Boundaries - Oregon Theme Name County Boundaries - Washington County Boundaries County Boundaries County Seats Dams Digital Orthophoto Quads (DOQ) 1994-1996 Digital Orthophoto Quads (DOQ) 2000-2001 Digital Raster Graphics (DRG) - 1:24,000 Digital Raster Graphics (DRG) - 1:100,000 Theme Name Digital Raster Graphics (DRG) - 1:250,000 Ecoregions Faults Forest Ownership, West Oregon Forested Lands Forest Types 1914	State	http://www.gis.state.or.us/data/

Categ	Database Title	Organization	Description	Data Products	Spatial Extent	Website	
59	Bound Trans	AK DOT Transport Database	DOT AK	<p>The Alaska Department of Transportation and Public Facilities (ADOT&PF) Statewide GIS Mapping Section is responsible for:</p> <ul style="list-style-type: none"> • Building, disseminating and managing the states transportation layers and spatial information. • Provide and develop geo-spatial data and the tools needed to retrieve, display and analyze spatial information, including technical support. • Provide department mapping and graphic support for representing and displaying various transportation themes and information. 	<p>AK PLACE NAMES (1999) This shapefile, created by the Alaska Department of Transportation and Public Facilities Statewide GIS Mapping Section, depicts the current and historic cities, towns, villages, and camps throughout the State of Alaska. The shapefile was created using various data sources. Sources include the following: (1) Digitized from USGS 1:250,000 scale maps; (2) Alaska Department of Labor (Publication - Alaska Population Overview 1995 Estimates); (3) Alaska Department of Community and Regional Affairs (Alaska Community Database); and (4) Digitized from The Official State Map of Alaska from The Alaska Division of Tourism.</p> <p>DOT & PF REGION BOUNDARIES (1999) This shapefile, created by the Alaska Department of Transportation and Public Facilities Statewide GIS Mapping Section, depicts the three regional divisions within the department. These regions consist of Southeast, Central, and Northern. These boundaries were digitized from historical maps. Boundary locations are very imprecise and should only be used on a statewide level.</p>	State	http://www.dot.state.ak.us/stwdplng/mapping/index.shtml
60	Bound Trans DEM LU	McKinley County GIS Center	McKinley County, NM	ND	<p>Political Boundaries Transportation Digital Elevation Models GIS Utilities from the Bureau of Land Management</p>	County	http://www.cia-g.com/%7Egismc/index.htm
61	Bound Trans LU	GIS Office of the Coeur d'Alene Tribe Database	Coeur d'Alene Tribe GIS Office	<p>The primary area of interest for the GIS data is for the aboriginal territory of the Coeur d'Alene Tribe. This area stretches south to Moscow, Idaho, North to Sandpoint, Idaho, West to Spokane, Washington and East to St. Regis, Montana.</p> <p>In 1992 the Coeur d'Alene Tribe started the daunting task of collecting GIS data to create a GIS base map for over five million acres of the aboriginal territory. This included creating 1:24,000 scale data for streams, rivers, lakes, roads, elevation, and public land survey. During this process a wide variety of data types and hardware were used. Data was imported from many different formats including MOSS, AutoCAD, DLG, PC ArcInfo, ArcView, and ArcInfo. Data collection was also input using a variety of techniques including, digitizing tablet entry, and heads up digitizing using orthophotos and satellite imagery.</p> <p>The Coeur d'Alene Tribe currently acts as a central data repository for the Natural Resources Damage Assessment (NRDA). The Tribe maintains and analysis data for all comanizations that participate in this assessment, including: United States Fish and Wildlife, United S</p>	<p>For public Use: Transportation Hydrology Cadastral Elevation/ Bathymetry Governmental Units Imagery Map Sheets and Indexes Mining Miscellaneous Lines Miscellaneous Points NRDA Related Studies Non-NRDA Studies Soils/Geology Predicted Surfaces Plant/Animal Information Vegetation/Land-Use The data sets are divided into three categories: (for Tribal use only)</p> <p>1) Data that is specifically for the Coeur d'Alene Reservation. Many of these data sets have been clipped down from the Northern Idaho data sets to</p>	State - Multiple	http://www.cdatribe-nnsn.gov/gis/meta_data.html

Categ	Database Title	Organization	Description	Data Products	Spatial Extent	Website	
62	Bound Trans LU	CO DOT Database	CO DOT	Transportation and boundary data are available in ESRI Shapefile format as either statewide or county files. The files were created to support CDOT planning projects and have been compiled from various sources and scales.	Statewide Data: Airports Cities Counties Highways Lakes Land Status Local Roads Major Roads Noxious Weeds Rail Lines Routes Streams County Data Airports Cities Counties Highways Lakes Land Status Local Roads Major Roads Rail Lines Routes Streams	State, County	http://www.dot.state.co.us/App_DTD_DataAccess/GeoData/index.cfm?fuseaction=GeoDataMain&MenuType=GeoData
63	Bound Trans LU Emis	US Oil and Gas Resource System - Online	Earth Science Associates (ESA)	This is ESA's first net mapping site, opened June 1, 2001. It combines the extensive resources of ESA's USOGRS GIS package with maps of regional geology, economic and hydrocarbon infrastructure, land-use and physiography. Data on drilling by province and play is available for over 400 plays covering the United States onshore and state waters	Geographic Boundaries,General Reference Data,Transportation Networks,Geologic Data,Land Use Data,Natural Resources Data,Oil,Gas,DLG,Plays,Hydrocarbons,petroleum	National	http://www.earthsci.com/NetMapping/USOGRS-Online.htm
64	DEM	USGS National Elevation Dataset (NED) Shaded Relief Imagery	USGS	The USGS National Elevation Dataset (NED) has been developed by merging the highest-resolution, best-quality elevation data available across the United States into a seamless raster format. NED is the result of the maturation of the USGS effort to provide 1:24,000-scale Digital Elevation Model (DEM) data for the conterminous US and 1:63,360-scale DEM data for Alaska. The shaded relief display is derived from NED using a hill-shade technique.	1:24,000-scale Digital Elevation Model (DEM) data for the conterminous US and 1:63,360-scale DEM data for Alaska.	National	http://gisdata.usgs.net/ned/
65	DEM	Aircraft Laser/GPS Mapping of Coastal Topography	NOAA CSC	Laser beach mapping uses a pulsed laser ranging system mounted onboard an aircraft to measure ground elevation and coastal topography. The laser emits laser beams at high frequency and is directed downward at the earth's surface through a port opening in the bottom of the aircraft's fuselage. The laser system records the time difference between emission of the laser beam and the reception of the reflected laser signal in the aircraft. The aircraft travels over the beach at approximately 60 meters per second while surveying from the low water line to the landward base of the sand dunes.	lidar elevation dem	National	http://www.csc.noaa.gov/lidar/
66	DEM	National Atlas	USGS	A shaded-relief image shows terrain. The North America Shaded Relief image was derived from the GTOPO30 elevation data, which constitute a global digital elevation model with elevation values measured approximately 1 kilometer apart. Each grid cell in the model has a value that represents the average height above sea level within that cell. The image was created by grouping the elevation values into ranges and then assigning colors to the different elevation ranges.	Topographical Shaded Relief	ND by Dust database	http://nationalatlas.gov/
67	DEM	USGS National Map Viewer	USGS	The U.S. Geological Survey has developed a National Elevation Dataset (NED). The NED is a seamless mosaic of best-available elevation data. The 7.5-minute elevation data for the conterminous United States are the primary initial source data. In addition to the availability of complete 7.5-minute data, efficient processing methods were developed to filter production artifacts in the existing data, convert to the NAD83 datum, edge-match, and fill slivers of missing data at quadrangle seams. One of the effects of the NED processing steps is a much-improved base of elevation data for calculating slope and hydrologic derivatives.	Elevation data	ND by Dust database	http://edcns17.cr.usgs.gov/EarthExplorer/

	Categ	Database Title	Organization	Description	Data Products	Spatial Extent	Website
68	DEM	DOQ AZ	University of Arizona	AZ DOQ. There are three options available, you can preview or download the image files, or look at the metadata of the orthophoto quadrangles. Each image covers 1/4 of a U.S.G.S. 7.5' minute topographic map.	AZ DOQ U.S.G.S. 7.5' minute topographic map.	State	http://dizzy.library.arizona.edu/indexes/links/doqarizona.shtml
69	DEM	REO GIS Data	BLM and FS, REO GIS Unit	The REO GIS unit maintains, supports and provides access to several dataset such as the Northwest Forest Plan/REO data, and USDA Forest Service Region 6 Data.,	Digital Elevation Models (DEM) -- 1:24,00 scale 10 meter DEMs are now available through BLM Oregon/Washington GIS Digital Raster Graphics (DRG) -- 1:24,000 scale 10 meter DRGs are now available through BLM Oregon/Washington GIS Land Use Allocations 1993 version-- Option 9 Land Use Allocations, 1993 version, developed by the Forest Ecosystem Management Team (FEMAT). Land Use Allocation Update, 2002 version--Land Use Allocation Update, as requested by the Regional Interagency Executive Committee (RIEC), August 2002 Order Form (14k,.pdf) Acreage Report (pdf, 18kb) LUA Process Description Key Watersheds 1993 version--Watersheds, 1993 version, identified in the NFP as important for maintaining and recovering habitat for at-risk fish species. (FEMAT, 1993) Key Watersheds Update, 2002 version--Key Watersheds Update, as requested by the Regional Interagency Executive Committee (RIEC), August 2002 Late Successional Old Growth--Late Successional Old Growth boundaries developed by FEMAT, 1993	State - Multiple	http://www.reo.gov/gis/data/gisdata/index.htm
70	DEM Env LU	Preliminary Soil-Slip Susceptibility Maps, Southwestern California	USGS	This group of maps shows relative susceptibility of hill slopes to the initiation sites of rainfall-triggered soil slip-debris flows in southwestern California. The susceptibility maps were created through an iterative process from two kinds of information. First, locations of sites of past soil slips were obtained from inventory maps of past events. Aerial photographs, taken during six rainy seasons that produced abundant soil slips, were used as the basis for soil slip-debris flow inventory. Second, digital elevation models (DEM) of the areas that were inventoried were used to analyze the spatial characteristics of soil slip locations. These data were supplemented by observations made on the ground. Certain physical attributes of the locations of the soil-slip debris flows were found to be important and others were not. The most important attribute was the mapped bedrock formation at the site of initiation of the soil slip.	Landslide Susceptibility	ND by Dust database	http://geopubs.wr.usgs.gov/open-file/of03-17/

Id	Categ	Database Title	Organization	Description	Data Products	Spatial Extent	Website
71	DEM LU	AGRC SGID Database	State of UT SGID	<p>The Utah Automated Geographic Reference Center (AGRC) provides a wide range of Geographic Information System (GIS) support to the State of Utah. AGRC strives to facilitate coordination among Utah GIS users and effective, efficient use of GIS resources.</p> <p>Other services include stewardship of the State Geographic Information Database (SGID), facilitation of programs and activities to implement GIS technology across the state, and coordination of GIS policy development and implementation activities.</p> <p>AGRC also provides consulting services to federal, state, and local government and other organizations, including GIS analysis and application development, GIS training courses, and Internet Map Service development and hosting.</p>	<p>Digital Orthophoto Quads (DOQs)—Black & White Aerial Photography</p> <p>National Geospatial Intelligence Agency (NGA)—Color 1 Foot Aerial Photography</p> <p>National Agricultural Imagery Program (NAIP)—Natural Color Aerial Photography</p> <p>Digital Raster Graphs (DRGs)—Scanned USGS Topographic Maps</p> <p>Digital Raster Graphs (DRGs) NAD83 —Scanned USGS Topographic Maps</p> <p>Digital Elevation Models (DEMs)—Elevation Values</p> <p>National Elevation Dataset (NED)—Elevation Values</p> <p>SGID Interactive Map</p> <p>Download SGID GIS Data—Shapefile Index, by Geographic Extent (nad83)</p> <p>Download SGID GIS Data—Personal Geodatabase Index, by Geographic Extent (nad83)</p> <p>Download SGID GIS Data—Dataset Index, by Name (nad83)</p> <p>NRCS Soils Data</p> <p>Metadata Explorer—Search the SGID</p> <p>Layer Files</p> <p>AGRC FTP Site</p>	State	http://agrc.its.state.ut.us/
72	DEM LU	ARIA - Arizona Regional Image Archive Database	Office of Arid Lands Studies, U of AZ	<p>The Arizona Regional Image Archive is: An interdisciplinary resource system for digital image and map data for the Sonoran desert region, including the US Southwest and northern Mexico. Internet courseware modules utilizing the resources of the Center and upgrade of instructional image processing facilities. Outreach to state and county agencies in the region to provide access to data for the Sonoran desert region.</p> <p>DATASETS: ADAR--Multi-spectral 0.9 meter aerial images of eastern Tucson from March 1998</p> <p>Arizona 1993 TM--projected to UTM, terrain correction, scene shift, statewide coverage access restricted to state agencies and universities only, file size ~ x. Or select an image from a table of thumbnail images.</p>	<p>Arizona interactive map</p> <p>+DOQQs</p> <p>+1:024K DRGs DEMs</p> <p>+1:100K DRGs</p> <p>+1:250K DRGs</p> <p>+Landsat path/row</p> <p>United States</p> <p>Mexico</p>	State	http://aria.arizona.edu/search/index.html
73	DEM LU Pop	National Atlas	USGS	Data where landslides have occurred and areas susceptible to future landsliding. Produced from a landslide overview map compiled by the USGS National Landslide Hazards Program (NLHP). Landslides are defined to include most types of gravitational mass movement such as rockfalls, debris flows, and the failure of engineered soil materials. Descriptive information includes the type of landslide, location, date, number of deaths, and damages in millions of dollars.	Landslide Incidence and Susceptibility	ND by Dust database	http://nationalatlas.gov/
74	Emis	Envirofacts Data Warehouse	EPA	This website provides access to several EPA databases to provide you with information about environmental activities that may affect air, water, and land anywhere in the United States. This feature allows you to retrieve a sampling of information pertaining to your area by entering a specific ZIP Code, City and State, or County and State.	<p>Data are retrieved from EPA source databases and posted to Envirofacts at various intervals.</p> <p>Databases are as follows:</p> <p>Envirofacts AIRS Facility Subsystem (EF AIRS/AFS) 3/21/2005 3/30/2005 Updated Monthly.</p> <p>Brownfields Management System (BMS) 4/7/2005 4/8/2005 Updated Monthly.</p> <p>Biennial Reporting (BR) 11/18/2003 6/30/2004 Updated Every Two Years.</p> <p>"Comprehensive Environmental Response, Compensation & Liability Information System (CERCLIS)" 3/25/2005 3/31/2005 Updated Monthly.</p> <p>Facility Registry System (FRS) Nightly Nightly Updated Nightly.</p> <p>Environmental Radiation Ambient Monitoring System 2/21/2005 3/17/2005</p> <p>Grants Information & Control System (GICS) 4/4/2005</p>	National	http://www.epa.gov/enviro/index.html
75	Emis	National Atlas	USGS	The locations of over 149,000 air emissions sites.	Air Releases	ND by Dust database	http://nationalatlas.gov/

76	Emis	Colorado Oil and Gas Information System (COGIS)	Colorado Oil and Gas Information System (COGIS), CO NDR	Database of the CO Oil and Gas Conservation Commission	Data Products	Spatial Extent	Website
					Well Locations - about * Updated daily Well Shape File 6.0 MB Self extracting zip file Well Shape File 5.0 MB Zip file Other Oil & Gas Facility Locations - about * Updated daily Facility Shape File 800 kb Self extracting zip file Facility Shape File 800 kb Zip file Oil and Gas Permit Locations - about * Updated daily Permit Shape File 160 kb Self extracting zip file Permit Shape File 150 kb Zip file Fruitland Pictured Cliffs Contact and Buffer - about Shape File 28 kb Zip file	State	http://oil-gas.state.co.us/
77	Emis Env	BASINS: Better Assessment Science Integrating Point & Nonpoint Sources	EPA	BASINS is a multipurpose environmental analysis system designed for use by regional, state, and local agencies in performing watershed and water quality-based studies. This system makes it possible to quickly assess large amounts of point source and non-point source data in a format that is easy to use and understand. Installed on a personal computer, BASINS allows the user to assess water quality at selected stream sites or throughout an entire watershed. This invaluable tool integrates environmental data, analytical tools, and modeling programs to support development of cost-effective approaches to watershed management and environmental protection, including TMDLs.	Spatially Distributed Data Land use/land cover Urbanized areas Populated place locations Reach File Version 1 (RF1) Soils (STATSGO) Elevation (DEM) National Elevation Dataset (NED) Major roads USGS hydrologic unit boundaries (accounting unit, cataloging unit) Dam sites EPA regional boundaries State boundaries County boundaries Federal and Indian Lands Ecoregions Environmental Monitoring Data Water quality monitoring station summaries Water quality observation data Bacteria monitoring station summaries Weather station sites USGS gaging stations Fish Consumption advisories National sediment inventory (NSI) Shellfish classified areas Clean Water Needs Survey Point Source Data Industrial Facilities Discharge (IFD) sites BASINS 3 Permit Compliance System (PCS) sites and loadings BASINS 2 Permit Compliance System (PCS) sites and	National	http://www.epa.gov/waterscience/basins/b3webdwn.htm
78	Emis Env	WATERS (Watershed Assessment, Tracking & Environmental ResultS	EPA	Watershed Assessment, Tracking & Environmental ResultS (WATERS) is an integrated information system for the nation's surface waters. The EPA Office of Water (OW) has various programs that store data in associated databases. These databases are separately managed with little coordination among them. Under WATERS, the program databases are connected to a larger framework. This framework is a digital network of surface water features known as the National Hydrography Dataset (NHD)	Impaired Waters, Water Quality Standards, Assessed Waters, Beaches, Sewage No Discharge Zones, Nonpoint Source Projects	State, Tribe and Territory	http://www.epa.gov/waters/data/downloads.html

79	Emis Env Bound	C-MAP GIS Data Download	US EPA	Description	Data Products	Spatial Extent	Website
				The Role of C-MAP: Understanding the Spatial Relationships between Emissions, Acid Deposition, and Environmental Response Phase I of the Acid Rain Program achieved substantial emission reductions, resulting in significant environmental and health benefits. Understanding the response from these emission reductions to deposition levels and to the environment, is one of the most difficult and important questions remaining. As even greater emission reductions occur under Phase II of the Acid Rain Program (2000 forward), and with additional NOx reductions expected in the Northeast under the NOx Budget Program, the ability to describe the ecological response to these reductions becomes increasingly important in determining whether current control levels provide adequate protection to human health and the environment. Using C-MAP, we can better understand the environmental effectiveness of current air pollution reduction strategies geographically, in order to determine if further pollution control steps may be necessary.	Air, Land, Water, Sensitive Resources, Demographics, Emissions, Deposition, Climate/meteorology, area boundaries	National	http://www.epa.gov/airmarkets/cmap/data/index.html
80	Env	ARL Air Quality and Climatic Data	NOAA, Air Resources Laboratory (ARL)	A world wide web based system called the Real-time Environmental Applications and Display sYstem (READY) has been developed for accessing and displaying meteorological data and running trajectory and dispersion model products on the National Oceanic and Atmospheric Administration's (NOAA) Air Resources Laboratory (ARL) web server. This system brings together dispersion models, graphical display programs and textual forecast programs generated over many years at ARL into a form that is easy to use by anyone, but its primary focus is for atmospheric scientists.	Meteorological Model Gridded Data FNL Archive EDAS Archive NGM Archive Climate Data A digitized metadata set of global upper-air station histories Anomalies of United States cloudiness and sunshine duration Global variations in total ozone and layer-mean ozone Layer-mean temperature anomalies Tropical stratosphere temperature anomalies Antarctic stratosphere temperature anomalies 300-mb north polar vortex area Tropospheric Precipitable Water: a radiosonde based climatology. Precipitation Chemistry Data AIRMoN Data MAP3S Data Atmospheric Tracer Experiment Data Tracer Experiment Data Archive Data Archive of Tracer Experiments and Meteorology (DATEM) program	National	http://www.arl.noaa.gov/ss/transport/readyinfo.html
81	Env	AWIPS Database	National Weather Service	Content Summary: This catalog assembles and promulgates spatial geographic information issued by the National Weather Service (NWS). These data consist of a variety of official NWS forecast zones and county designations used by the NWS. In addition other data that might be of interest and that are used by the (NWS) Advanced Weather Information Processing System (AWIPS) are available through the catalog. Content Purpose: For use by the external community who require or are interested in the map background data used by the NWS.	NWS Counties,Public Forecast Zones,Marine Zones,County Warning Areas,weather	National	http://www.nws.noaa.gov/geodata/
82	Env	Global Positioning System (GPS) Observational Data For the United States and Its Territories Collected Through the Geodetic Survey's Continuously Operating Reference Stations (CORS)	NOAA's Ocean Service, National Geodetic Survey (NGS)	The data set is comprised of dual-frequency Global Positioning System (GPS) observations collected continuously from several hundred ground-based stations. These stations are officially called Continuously Operating Reference Stations (CORS). Content Purpose: The CORS data:- Enable centimeter-level positioning for points of interest- Enable decimeter-level positioning for moving points- Monitor crustal motion- Monitor moisture content for the lower atmosphere- Monitor electronic charge in the upper atmosphere	GPS,Positioning,Navigation,Meteorology,Geodynamic s,Global Positioning,Oceans	National	http://www.ngs.noaa.gov/CORS/

83	Env	State Soil Geographic (STATSGO) Database	USDA Natural Resources Conservation Service	The STATSGO database is a digital general soil association map developed by the National Cooperative Soil Survey. It consists of a broad based inventory of soils and nonsoil areas that occur in a repeatable pattern on the landscape and that can be cartographically shown at the scale mapped. The soil maps for STATSGO are compiled by generalizing more detailed soil survey maps. Where more detailed soil survey maps are not available, data on geology, topography, vegetation, and climate are assembled, together with Land Remote Sensing Satellite (LANDSAT) images. Soils of like areas are studied, and the probable classification and extent of the soils are determined. Map unit composition for a STATSGO map is determined by transecting or sampling areas on the more detailed maps and expanding the data statistically to characterize the whole map unit. The original data set consists of georeferenced digital map data and computerized attribute data. The map data are collected in 1- by 2-degree topographic quadrangle units and merged and distributed as statewide coverages. The soil map units are linked to attributes in th	Theme_Keyword: Conterminous United States Theme_Keyword: Soils Theme_Keyword: General Soils Map Theme_Keyword: State Soil Geographic Theme_Keyword: STATSGO	National	http://www.ncgc.nrcs.usda.gov/products/datasets/statsgo/
84	Env	SURFACE DATA	AccuWeather, Inc.	This data is a collection of observed and derived meteorological surface data for over 7300 sites throughout the United States and its territories. This data is intended to display the current weather conditions for the United States and its territories. Thematic layers include temperature, wind chill, wind direction, wind speed, relative humidity, station id codes, current conditions, barometric pressure.	temperature surface data weather wind chill barometer pressure wind speed wind direction meteorology current conditions humidity	National	http://www.accuweather.com/adcbn/public/index.asp?partner=accuweather
85	Env	NADP/NTN, NADP/AirMon, NADP/MDN Databases	National Atmospheric Deposition Program	The National Atmospheric Deposition Program/National Trends Network (NADP/NTN) is a nationwide network of precipitation monitoring sites. The network is a cooperative effort between many different groups, including the State Agricultural Experiment Stations, U.S. Geological Survey, U.S. Department of Agriculture, and numerous other governmental and private entities. For a full list of contributors, see the collaborating agencies page. The NADP/NTN has grown from 22 stations at the end of 1978, our first year, to over 200 sites spanning the continental United States, Alaska, and Puerto Rico, and the Virgin Islands. The purpose of the network is to collect data on the chemistry of precipitation for monitoring of geographical and temporal long-term trends. The precipitation at each station is collected weekly according to strict clean-handling procedures. It is then sent to the Central Analytical Laboratory where it is analyzed for hydrogen (acidity as pH), sulfate, nitrate, ammonium, chloride, and base cations (such as calcium, magnesium, potassium and sodium). Our excellent quality assurance programs ensure that the data remain a	Links to database for NADP/NTN: National Trends Network NADP/AIRMoN: Atmospheric Integrated Research Monitoring Network NADP/MDN: Mercury Deposition Network Weekly and daily precipitation chemistry data Monthly, seasonal, and annual precipitation-weighted mean concentrations Annual and seasonal wet deposition totals Mercury deposition data Daily precipitation totals Color isopleth maps of precipitation concentrations and wet deposition Site photos, maps, and information Quality Assurance data and information	National	http://nadp.sws.uiuc.edu/nadpoverview.asp

86	Env	ARL READY (Real-time Environmental Applications and Display sYstem)	NOAA, Air Resources Laboratory (ARL)	A world wide web based system called the Real-time Environmental Applications and Display sYstem (READY) has been developed for accessing and displaying meteorological data and running trajectory and dispersion model products on the National Oceanic and Atmospheric Administration's (NOAA) Air Resources Laboratory (ARL) web server. This system brings together dispersion models, graphical display programs and textual forecast programs generated over many years at ARL into a form that is easy to use by anyone, but its primary focus is for atmospheric scientists. Users can access many of the products available to ARL personnel for analyzing forecast meteorological data. In addition users can run the HYSPLIT (version 4) transport and dispersion model, which makes READY, via the web, unique.	Use data from http://www.arl.noaa.gov/ss/transport/readyinfo.html -- Meteorological Model Gridded Data FNL Archive EDAS Archive NGM Archive Climate Data A digitized metadata set of global upper-air station histories Anomalies of United States cloudiness and sunshine duration Global variations in total ozone and layer-mean ozone Layer-mean temperature anomalies Tropical stratosphere temperature anomalies Antarctic stratosphere temperature anomalies 300-mb north polar vortex area Tropospheric Precipitable Water: a radiosonde based climatology. Precipitation Chemistry Data AIRMoN Data MAP3S Data Atmospheric Tracer Experiment Data Tracer Experiment Data Archive Data Archive of Tracer Experiments and Meteorology (DATEM) program	National, International	http://www.arl.noaa.gov/ready.html
87	Env	The GLOBE Program Visualization Server	NASA	Web Map Server maintained for The GLOBE Program by Digital Earth and GLOBE Visualizations at NASA Goddard Space Flight Center. Contents include GLOBE student data and environmental data from NOAA, NASA and other sources.	climatologyMeteorologyAtmosphere,NASA,environment,weather,education,science	National, International	http://viewer.digitalearth.gov/
88	Env	Desert Winds Project	USEPA	The primary purpose of the Desert Winds Project is to obtain high resolution meteorological data and related surface geological and vegetation data for natural (e.g., uncultivated) desert sites where wind is or has been a major erosive or depositional force. The objectives are twofold: (1) to provide the detailed field measurements needed to carry out quantitative studies of wind as an agent of surface geologic change; and (2) to establish a baseline for defining the "normal" range of climatic conditions that can be expected to occur on a decadal time scale, in areas considered representative of the major American deserts. The long-term goal for acquiring and analyzing the Desert Winds Project data is to use them to address problems of land resource degradation by wind, whether resulting from climatic variation (aridification) or human activities (desertification), or both.	Wind Erosion and Deposition	ND by Dust database	http://www/flag.wr.usgs.gov/USGSFlag/Land/desert/html/techinfo.html
89	Env	Drought Monitoring Data and Model	USGS	Previous studies have established significant relationships between climate variables and satellite-derived vegetation indices (such as the Normalized Difference Vegetation Index) over non-irrigated croplands and grasslands. In this project, we are researching methods for integrating information provided by satellite-derived measures of growing season vegetation performance and climate-based drought indicators to produce a timely and spatially-detailed drought monitoring product. Eventually, this information, coupled with map products of key drought indicators, will be available to many end users for making critical and timely decisions, from farm to regional scale.	Drought Monitoring	ND by Dust database	http://edc2.usgs.gov/phenological/drought/

90	Env	Ecological Site Information System	USDA NRCS	The Ecological Site Description (ESD) database is an internet based program for entering, storing, and retrieving ecological site description information. Ecological site descriptions for rangeland and forestland can be entered into the database. Ecological site is defined as "a distinctive kind of land with specific characteristics that differs from other kinds of land in its ability to produce a distinctive kind and amount of vegetation". ESD is the official repository for all data associated with the development of forestland and rangeland ecological site descriptions by the Natural Resources Conservation Service. Data include Site Characteristics (identifies the site and describes the physiographic, climate, soil, and water features associated with the site), Plant Communities (describes the ecological dynamics and the common plant communities comprising the various vegetation states of the site, including disturbances that cause a shift from one state to another), Site Interpretations (interpretive information pertinent to the use and management of the site and its related resources), and Supporting I	Ecological Site Description	ND by Dust database	http://esis.sc.egov.usda.gov/Welcome/pgESDWelcome.aspx
91	Env	Eolian Mapping Index (EMI)	USGS	Using satellite digital multispectral data, the Eolian model has been developed that allows an image to be generated that emphasizes areas with low vegetation density and high reflectance soils. Generally, this automatically maps two important eolian erosion parameters (i.e., amount of vegetation cover/density and general surface soil type). In arid and semi-arid environments the soils most vulnerable to wind erosion usually have low vegetation cover and bright reflectance. An image is generated using this model that shows areas where these two conditions occur together. Current analysis and field work are evaluating the accuracy of the model by validating and quantifying wind erosion susceptibility.	Wind Erosion Susceptibility	ND by Dust database	http://geochange.er.usgs.gov/sw/impacts/geology/rainfall/eolianmp.html
92	Env	Marine and Air-Sea Interaction Research Group	NOAA	The Marine and Air-Sea Interaction Research Group is primarily an experimental group investigating various issues in air-sea/ice interaction associated with the transfer of momentum, heat, moisture, trace gases, and particles at the wavy interface of the ocean. Through these widely distributed field programs, NOAA has assembled a unique database of surface fluxes, boundary-layer physical properties, and cloud information that represents a major resource for anyone working on marine atmospheric problems.	Sea Spray	ND by Dust database	http://www.etl.noaa.gov/et6/air-sea/
93	Env	National Atlas	National Oceanic and Atmospheric Administration (NOAA), National Oceanographic Data Center (NODC), and the University of Miami's Rosenstiel School of Marine and Atmospheric Science (RSMAS)	Sea surface temperature (SST) averages indicate the temperature in degrees Celsius at the surface of the ocean and other large water bodies for the years 1985-2001, as determined from Advanced Very High Resolution Radiometer (AVHRR) data from the NOAA-9, NOAA-11, NOAA-14, and NOAA-16 satellites.	Seasonal Sea Surface Temperature Averages	ND by Dust database	http://nationalatlas.gov/
94	Env	National Atlas	Natural Resources Conservation Service (NRCS)	The average annual precipitation data for the conterminous United States from 1961 through 1990 were produced through a partnership between the NRCS and the Spatial Climate Analysis Service at Oregon State University (OSU). NRCS provided oversight and funding to OSU for the PRISM Climate Mapping Project. PRISM is a unique modeling system designed to mimic the decision-making process an expert climatologist would use when creating a climate map.	Average Annual Precipitation	ND by Dust database	http://nationalatlas.gov/

95	Env	National Atlas	Smithsonian Institution	Description	Data Products	Spatial Extent	Website
				Analyzing contemporary volcanic activity with historical and geological records of the recent past provides the context for assessing any volcano's benefits and dangers. The Global Volcanism Program (GVP) seeks better understanding of all volcanoes through documenting their eruptions during the last 10,000 years. The large and growing Volcanoes of the World database developed by the GVP contains the geographic, historical, and volcanological characteristics of nearly 3,000 active volcanoes around the world. The map layer features volcanoes in an extended area of the northern hemisphere centered on North America. Descriptive information includes the name of the volcano, the timeframe of the last known eruption, the summit elevation, the type of volcano as described by its shape and size, and the type of evidence used to determine volcanic activity. The National Atlas also includes a multimedia map showing potentially active volcanoes in the United States.	Volcanoes	ND by Dust database	http://nationalatlas.gov/
96	Env	National Atlas	USGS	Surficial deposits and other surface materials that accumulated or formed during the past 2+ million years, such as soils, alluvium, and glacial deposits. Potential uses of the information in the map layer include studies to evaluate hazards such as earthquakes, landslides, swelling clay, floods, and volcanic eruptions; studies to identify areas of intense erosion.	Recent Surficial Deposits	ND by Dust database	http://nationalatlas.gov/
97	Env	National Atlas	USGS	various, see website	Mineral Operations	ND by Dust database	http://nationalatlas.gov/
98	Env	National Climatic Data Center	NOAA	NCDC is the world's largest active archive of weather data.	Climatological Data	ND by Dust database	http://www.ncdc.noaa.gov/oa/ncdc.html
99	Env	National Resources Inventory	USDA NRCS	The National Resources Inventory (NRI) is a statistical survey designed to help gauge natural resource status, conditions, and trends on the Nation's nonfederal land. Data are National STATSGO Interpretive map of the "probability" of soil map units having soils with t-factor (soil loss tolerance, the maximum amount of erosion at which the quality of a soil as a medium for plant growth can be maintained) of 1, 2, 3, 4, and 5. Data presented in tabular form include estimated average annual wind erosion in relation to T value on nonfederal rural land, by land cover/use.	Soil T-Factor	ND by Dust database	http://www.nrcs.usda.gov/Technical/land/erosion.html
100	Env	National Resources Inventory	USDA NRCS	The National Resources Inventory (NRI) is a statistical survey designed to help gauge natural resource status, conditions, and trends on the Nation's nonfederal land. Data are shaded polygon maps where soil erosion by wind on cropland and Conservation Reserve Program (CRP) land is displayed in five shaded classes of tons per acre per year.	Soil Erosion by Wind	ND by Dust database	http://www.nrcs.usda.gov/Technical/land/erosion.html
101	Env	PRISM Data Explorer	Spatial Climate Analysis Service, Oregon State University	Average monthly precipitation, dew point, and temperature data. This OSU SCAS web site provides access to the highest-quality spatial climate data sets currently available. These data sets were created using the PRISM climate mapping system, developed by Dr. Christopher Daly, SCAS director. PRISM is unique in that it incorporates a spatial climate knowledge base that accounts for rain shadows, temperature inversions, coastal effects, and more in the climate mapping process.	Precipitation, Dew Point, Temperature	ND by Dust database	http://mistral.oce.orst.edu/www/mapserv/nn/index.phtml
102	Env	Recoverability and Vulnerability of Desert Ecosystems (RVDE) project	USGS	Prototype models are being developed that predict soil crust distribution (cover of mosses, lichens, and cyanobacteria) and to use these models to create spatially explicit maps to inform land managers about where different crust communities are located and the vulnerability of each community type. One of the key landscape elements that minimizes both wind and water erosion is the presence and types of cryptobiotic crusts mantling soil surfaces. Soil crusts are an important process control on surficial erosion.	Biological Soil Crusts Prediction Map	ND by Dust database	http://geography.wr.usgs.gov/mojave/rvde/active_biosoil.html

103	Env	Recoverability and Vulnerability of Desert Ecosystems (RVDE) project	USGS	The vulnerability of desert surfaces to wind erosion and their recoverability after disturbance has been modeled using data from portable wind-tunnel measurements, soil characteristics (chemical and physical) and vegetative community characteristics (cover, density, and arrangement). This model is being field-tested, using new sites that represent a range of soil surface age, altitude, soil grain size, and parent material.	Wind Erosion	ND by Dust database	http://geography.wr.usgs.gov/mojave/rvde/activ_wind.html
104	Env	Soil Data Mart: Soil Survey Geographic (SSURGO) database	USDA NRCS	Spatial distribution of soil types, with slope.	Soil Type	ND by Dust database	http://soildatamart.nrcs.usda.gov/
105	Env	Various	Western Regional Climate Center, Desert Research Institute	Climatology data	Climatological Data	ND by Dust database	http://wrcc.dri.edu/
106	Env	Wind Erosion Prediction System	USDA NRCS	The Wind Erosion Prediction System (WEPS) is a process-based, daily time-step model that simulates weather, field conditions, and erosion. The purposes of WEPS are to improve technology for assessing soil loss by wind from agricultural fields and to provide new capabilities such as assessing plant damage, calculating suspension loss, and estimating PM-10 emissions from the field.	Wind Erosion	ND by Dust database	http://www.weru.ksu.edu/weps/wepshome.html
107	Env	Idaho Interactive Mapping	ID DEQ	An interactive, map-based source of information on DEQ's air quality monitoring activities throughout Idaho. Allows download of real-time air quality data in each location. An interactive, map-based source of information on water quality of lakes, rivers, and streams in Idaho. An interactive, map-based source of information on remediation sites in Idaho.	Air and Water Quality monitoring data can be viewed; Data download fed through INSIDE IDAHO	State	http://www.deq.state.id.us/maps/interactive_mapping.cfm
108	Env	Merged Aeroradiometric Data for Alaska	USGS	Merged Aeroradiometric Data for Alaska- A Web Site for Distribution of Gridded Data and Plot Files	Merged Aeroradiometric Data for Alaska- A Web Site for Distribution of Gridded Data and Plot Files	State	http://pubs.usgs.gov/of/1999/ofr-99-0016/
109	Env	USDA Natural Resources Conservation Service	USDA NRCS	NRCS puts nearly 70 years of experience to work in assisting owners of America's private land with conserving their soil, water, and other natural resources. Local, state and federal agencies and policymakers also rely on our expertise. We deliver technical assistance based on sound science and suited to a customer's specific needs. Cost shares and financial incentives are available in some cases. Most work is done with local partners. Our partnership with local conservation districts serves almost every county in the nation, and the Caribbean and Pacific Basin. Participation in our programs is voluntary.	Detailed Ssurgo Soil Surveys Anchorage Soil Survey (AK605) -- Digitizing complete Certified Ssurgo Data Metadata Copper River Survey (AK612) -- Digitizing complete Certified Ssurgo Data Metadata Gerstle River Area (AK615)-- Digitizing complete Certified Ssurgo Data Metadata Haines Survey (Ak641) -- Digitizing complete Certified Ssurgo Data Metadata Kantishna Area (AK643) -- Digitizing complete Certified Ssurgo Data Metadata Lower Kenai (Ak639) -- Digitizing complete Certified Ssurgo Data Metadata Matanuska-Susitna Survey (AK600) -- Digitizing complete. A more compact shape file version of the mapping (in State Plane Zone4) is available here (20megs) - archive includes database, and shape files. Metadata Certified Ssurgo Data North Star Soil Survey (AK642) -- Digitizing is complete. Data is provided as DLGS and Arc/Info coverages - UTM Zone6 - 33 megs - Metadata Certified Ssurgo Data Upper Tanana Soil Survey (AK640) -- Digitizing complete Certified Ssurgo Data Metadata Yentna Soil Survey (AK631) -- Digitizing complete	State	http://www.ak.nrcs.usda.gov/technical/soils/digitaldata.html

110	Env	Wildland Fire Dataset for Alaska	BLM AK	Wildland Fire Dataset for Alaska	firezone04 firezone04 includes the boundaries of the 14 fire management zones or areas under the jurisdiction of the Bureau of Land Management, State of Alaska, and Forest Service. FIREMGMT04 FIREMGMT04 delineates the fire management or protection options developed in the "1983 Alaska Interagency Wildland Fire Management Plan". Options of critical, full, modified, and limited protection are delineated. AKFIREHIST AKFIREHIST includes the outline of large wildland fires in Alaska from 1950 through 2003.	State	http://agdc.usgs.gov/data/blm/fire/index.html
111	Env	South West Data Center (SWDC)	South West Data Center (SWDC)	The SouthWest Data Center, Inc. (SWDC) is a nonprofit, policy neutral organization which provides public access to GIS (geographic information systems) data and economic development tools via the Internet. SWDC is located near Ridgway, Colorado. Although the Colorado Plateau ecosystem is the primary region of operation, SWDC has recently extended it's presence into the Pacific Northwest. Projects: SWDC has authored and assisted local entities in the preparation of economic and demographic reports, community surveys, natural resource analysis and other land use and economic development projects. Regional Data: SWDC is an FGDC/NSDI metadata Clearinghouse. We also provide access to various interactive maps, links of interest and regional data sets. The regional data sets include various downloadable FTP coverages for the entire Colorado Plateau.	ArcIMS interactive mapping sites for The Colorado River Conservation District, ;" Gagepage" currently allows the user to link to real-time USGS and DWR stream flow graphs by clicking on stream gage locations. The user can zoom, pan, identify, and query the water resources spatial database provided by the Division of Water Resources. ArcIMS mapping for City of Montrose, Delta County and Ouray County.	State - Multiple	http://www.landuse.com/data/data.shtml
112	Env	Water Resources for Alaska GIS datasets	USGS AK	Water Resources for Alaska GIS datasets	Statewide Coverages Alaska Precipitation Hydrologic Unit Map Streamflow Regions Regional Coverages Arctic Northwest Kobuk River Basin (Gates of the Arctic National Park and Kobuk Valley National Park) Unalakleet Drainage Area Southcentral National Water Quality Assessment (NAWQA) - Cook Inlet Basin Study Area Drainage Basins for Selected Lakes in the Matanuska-Susitna Borough, Alaska Southeast Southwest Alagnak River Basin (Katmai National Park and Preserve) Kuskokwim River Drainage Lake Clark Basin (Lake Clark National Park and Preserve)	State, Region	http://agdc.usgs.gov/data/usgs/water/index.html & linked to NWIS Web Data http://waterdata.usgs.gov/ak/nwis/

113	Env Bound	GeoMAC Wildfire Information	National Interagency Fire Center	Description	Data Products	Spatial Extent	Website
				The Geospatial Multi-Agency Coordination Group or GeoMAC, is an internet-based mapping tool originally designed for fire managers to access online maps of current fire locations and perimeters in 12 western states. Using a standard web browser, fire personnel can download this information to pinpoint the affected areas. With the growing concern of western wildland fires in the summer of 2000, this application also became available to the public. We hope that you find this important information both timely and helpful. --The GeoMAC Project Oversight Team	environment,geographic boundaries,general reference data,topographic data,geomac,wildfire information,wildland fire information,fire science	National	http://geomac.gov
114	Env LU	Inforain	Ecotrust	Inforain presents Ecotrust's GIS portfolio, a network of information allowing users to achieve a deeper understanding of their local watersheds, estuaries and forests as well as a broader comprehension of these places within a bioregional context.	Biological, climate, economic, environmental quality, geomorphology, hydrological, infrastructure, land cover, marine, political, social, terrain, vegetation,	National	http://www.inforain.org/dataresources/datalayers.cfm
115	Env LU	USGS National Geologic National Database	USGS	The Geologic Mapping Act of 1992 and its reauthorizations mandate creation of a National Geologic Map Database (NGMDB), to serve as a "national archive" of geoscience maps. This involves generating and processing scanned, high-resolution compressed imagery of selected general-purpose bedrock and surficial geologic maps that are recorded in the NGMDB Map Catalog. Scanned images of the selected geologic maps are formatted as compressed MrSID files, which can be viewed through a Web browser with no visible loss in clarity. The NGMDB Image Library is based on open-source architecture, and includes a database management system intended to promote participation by numerous agencies, principally the state geological surveys. The user interface is now available in prototype form, and we will continue to upgrade its map query options, user forms, and help pages.	geology, hazards, earth resources, geophysics, geochemistry, geochronology, paleontology, and marine geology.	National	http://ngmdb.usgs.gov/info.html & http://ngmdb.usgs.gov/ngmdb/ngm_catalog.ora.html
116	Env LU	USGS National Water Information System	USGS	As part of the U.S. Geological Survey's (USGS) program of disseminating water data to the public, the USGS maintains a distributed network of computers and file servers for the storage and retrieval of water data collected through its activities at approximately 1.5 million sites around the country. This system is called the National Water Information System (NWIS). Many types of data are stored in this NWIS network, including: site information, time-series (flow, stage, precipitation, chemical), peak flow, ground water, water quality. The goal of NWISWeb is to provide both internal and external users of USGS water information with an easy to use, geographically-seamless interface to the large volume of USGS water data maintained on 48 separate NWIS databases nationwide. Data is updated from the NWIS sites on a regularly scheduled basis; real-time data is transmitted to NWISWeb several times a day. NWISWeb provides several output options: real-time streamflow, water-levels and water quality graphs, data tables and site maps; tabular output in html and ASCII tab delimited files; lists of selected sites	Current-conditions data transmitted from selected surface-water, ground-water, and water-quality sites Descriptive site information for all sites with links to all available water data for individual sites. Water flow and levels in streams, lakes, and springs. Water levels in wells. Chemical and physical data for streams, lakes, springs, and wells.	National	http://waterdata.usgs.gov/ov/nwis/
117	Env LU	USGS Ash Website	USGS	Information on volcanic ash.	Volcanic Ash Data	ND by Dust database	http://volcanoes.usgs.gov/ash/

	Categ	Database Title	Organization	Description	Data Products	Spatial Extent	Website
118	Env LU	Statewide Geologic Maps for Alaska	USGS AK	Statewide Geologic Maps for Alaska. At this time only polygon coverages (geologic areas, etc.) are available or planned. If you would like to see line coverages (e.g. faults), point coverages (sample locations) or amls with explanatory text, etc (in order to be able to re-print the paper maps) please send comments to the address below.	<p>Polygons derived from Beikman, H., compiler, 1980, Geologic Map of Alaska</p> <p>Polygons derived from Johnsson, J.J., & Howell, D.G., 1996, Generalized Thermal Maturity Map of Alaska (USGS Map I-2494, and Bulletin 241 2, Plate1)</p> <p>Polygons derived from Moll-Stalcup, E., & Others, 1994, Latest Cretaceous and Cenozoic Magmatic Rocks of Alaska, Geological Society of America, Decade of North American Geology, Volume G-1, The Geology of Alaska, Plate 5</p> <p>Kirschner, C.E, 1994, Map Showing Sedimentary Basins in Alaska, Plate 7 in Volume G-1: The Geology of Alaska, Geological Society of America, Decade of North American Geology</p> <p>Dusel-Bacon, C., 1994, Map showing Metamorphic Rocks of Alaska, Plate 4a, from Geology of Alaska.</p>	State	http://agdc.usgs.gov/data/usgs/geology/index.html
119	Env Pop LU Emis	ICBEM Database	Interior Columbia Basin Ecosystem Mgt Project (ICBEMP)	GIS datasets for reservations for tribes in the Pacific Northwest through the Eastside Ecosystem Project.	<p>Aquatic;</p> <p>Atmospheric</p> <p>CRBSUM</p> <p>Cultural</p> <p>Demographic</p> <p>Disturbance</p> <p>Fisheries</p> <p>Hydrologic</p> <p>Minerals/Geology</p> <p>Physiographic</p> <p>Political</p> <p>Species Ranges</p> <p>Terrestrial</p> <p>Vegetation</p> <p>Graphics Files</p> <p>Attribute Files</p> <p>Databases</p> <p>Models/Related Model</p> <p>-----</p> <p>Aquatic Basins</p> <p>Benthic Invertebrates</p> <p>Stream Reach Information</p> <p>Stream Reaches with Habitat Surveys (100k)</p> <p>Air Pollution / Non-Attainment Areas</p> <p>Air Quality - Lake Monitoring Sites</p> <p>Air Quality - Point Source Emissions</p> <p>Air Quality - Snowpack Monitoring Sites</p>	State - Multiple	http://www.icbemp.gov/spatial/metadata/polit/poit.html
120	Infra	FCC Geographic Mapping Resources	FCC Office of Engineering & Technology	The Federal Communications Commission (FCC) Geographic Mapping Resources site offers a wide range of geospatial data to download. Areas of coverage include, the United States, and the U.S./Canada, and U.S./Mexico border regions.	Infrastructure Data, GIS, data, maps, communication	National	http://www.fcc.gov/oet/info/maps/
121	Infra Bound	USBR Project Dataweb	USBR, DOI	Find Information on Reclamation Reservoirs, Reclamation Facilities, Water Data, Engineering, Contacts, and more!	Information about reclamation reservoirs, reclamation facilities, power plants, dams.	National	http://www.usbr.gov/dataweb/
122	LU	Clearinghouse	USDA Forestry Service	Weblinks to databases / websites of the USDA Forestry Service	0	National	http://www.fs.fed.us/database/

123	LU	National FIA Data Base Systems	USDA Forest Service Intermountain Region	FIA reports on status and trends in forest area and location; in the species, size, and health of trees; in total tree growth, mortality, and removals by harvest; in wood production and utilization rates by various products; and in forest land ownership. The Forest Service has significantly enhanced the FIA program by changing from a periodic survey to an annual survey, by increasing our capacity to analyze and publish data, and by expanding the scope of our data collection to include soil, under story vegetation, tree crown conditions, coarse woody debris, and lichen community composition on a subsample of our plots.	Raw RPA Data by State and Inventory Year ; RPA Forest Resources Tables (2002, 1997); Phase 3 (Forest Health) Data Set Archive; Results from the National Woodland Owner Survey (2002)	National	http://fia.fs.fed.us/
124	LU	NBII Plots Database - no GIS files	USGS NBII	The NBII Plots Database is a set of software tools developed under contract from the USGS Center for Biological Informatics by The Nature Conservancy for vegetation mapping field data collection and analysis. It is available for downloading. This software may potentially be used as the tool for aiding in the expansion and refinement of the lower levels of the FGDC's National Vegetation Classification Standard. (Future plans include making this Plots Database software available as an interactive web based program.)	Vegetation / Biological	National	http://www.nbii.gov/datainfo/tools/plotsdatabase/
125	LU	TerraServer USA	USGS	of data ---10-100 times more than normal access. Instead of presenting images in their original large format, TerraServer divides these images into small tiles that can be retrieved over the Internet.	maps and aerial photographs of the United States DOQ and DRGs	National	http://www.terraserver.microsoft.com/
126	LU	USGS 1:100,000/1:250,000 Scale LULC	USGS	Land Use and Land Cover (LULC) data consists of historical land use and land cover classification data that was based primarily on the manual interpretation of 1970's and 1980's aerial photography. Secondary sources included land use maps and surveys. There are 21 possible categories of cover type. Along with the LULC files, associated maps are included which provide additional information on political units, hydrologic units, census county subdivisions, and Federal and State land ownership.	Geologic	National	http://edc.usgs.gov/products/landcover/lulc.html
127	LU	Landsat 7 Orthoimagery	USGS	The USGS Landsat 7 orthoimage service has been developed by extracting non-overlapping coverage from hundreds of Landsat scenes over the United States. This creates a full coverage database that are NOT radiometrically blended, but that fillout a mosaic that can be refreshed as new cloud-free scenes are acquired.	Imagery Data, landsat orthoimagery satellite	National	http://gisdata.usgs.net/
128	LU	The National Map, USGS	USGS	The National Map is a consistent framework for geographic knowledge needed by the Nation. It provides public access to high-quality, geospatial data and information from multiple partners to help inform decision making by resource managers and the public.	imageryBaseMapsEarthCover, The National Map seamless usgs, USGS	National	http://nationalmap.gov/index.html
129	LU	USDA Forest Service Intermountain Region Database	USDA Forest Service Intermountain Region	The Intermountain Region of the Forest Service encompasses nearly 34-million acres of National Forest System land. The region consists of 13 National Forests and one National Grassland, administered by Forest Supervisors in Utah, Nevada, southern Idaho and western Wyoming. Four major geographic provinces come together to form the Intermountain West. They include the Great Basin, Colorado Plateau, Middle Rocky Mountains and the Northern Rocky Mountains. These provinces are the reason for the tremendous diversity of landscapes and ecosystems within the Intermountain Region.	GIS data for :- Ashley National Forest Boise National Forest Bridger-Teton National Forest Caribou National Forest Dixie National Forest Fishlake National Forest Humboldt-Toiyabe National Forest Manti-La Sal National Forest Payette National Forest Salmon- Challis National Forest Sawtooth National Forest Targhee National Forest Uinta National Forest Wasatch-Cache National Forest	National	http://www.fs.fed.us/r4/maps/gis/index.shtml

130	LU	USGS National Land Cover Dataset	USGS	Description	Data Products	Spatial Extent	Website
				These data can be used in a geographic information system (GIS) for any number of purposes such as assessing wildlife habitat, water quality, pesticide runoff, land use change, etc. The State data sets are provided with a 300 meter buffer beyond the State border to facilitate combining the State files into larger regions. The user must have a firm understanding of how the datasets were compiled and the resulting limitations of these data. The National Land Cover Dataset was compiled from Landsat satellite TM imagery (circa 1992) with a spatial resolution of 30 meters and supplemented by various ancillary data (where available). The analysis and interpretation of the satellite imagery was conducted using very large, sometimes multi-state image mosaics (i.e. up to 18 Landsat scenes). Using a relatively small number of aerial photographs for 'ground truth', the thematic interpretations were necessarily conducted from a spatially-broad perspective. Furthermore, the accuracy assessments (see below) correspond to 'federal regions' which are groupings of contiguous States. Thus, the reliability of the	Land Use/Land Cover, Land Management, Land Resources, EDC, EPA, EROS, Imagery, Land Characterization, Land Cover, Landsat, MRLC, Remote Sensing, Satellite, Space Imaging, USGS, imageryBaseMapsEarthCover, environment	National	Link is dead
131	LU	USGS Urban Areas Orthoimagery	USGS	Content Summary: High-resolution digital orthorectified imagery from aerial photographs. Content Purpose: Reference imagery of current (usually within two years) for selected urban areas.	imageryBaseMapsEarthCover, 133 urban images, USGS imagery base basemaps earthcover ortho orthoimagery urban areas 133 air photo	National	0
132	LU	National Agricultural Imagery Program (NAIP)	USDA	NAIP gathers aerial imagery during crop growth seasons for many states in the U.S. Some at 1m resolution, some at 2m	Aerial Photography	National - incomplete	http://www.apfo.usda.gov/NAIP.html
133	LU	USDA Farm Service Agencies Business Process Reengineering Pilot Service Centers Geospatial Data Server	USDA Farm Service Agencies	USDA Farm Service Agencies Business Process Reengineering Pilot Service Centers Geospatial Data Server	DIGITAL ORTHOPHOTOGRAPHY (DOQ) - State of Delaware (CIR), Tarrant & Hood Counties, Lake Whitney area, TX (CIR), Taylor County, TX (CIR) ; DRGs	National - incomplete	http://ortho.ftw.nrcs.usda.gov/
134	LU	SPOT Imagery	SPOT Image Corp	Satellite imagery	Satellite imagery 20m DEM data Vegetation at 1km	National, International	http://www.spot.com/html/SICORP/_401_.php
135	LU	EPA MRLC	EPA	In 1992 several federal agencies agreed to operate as a consortium in order to acquire satellite-based remotely sensed data for their environmental monitoring programs. Primary administration of the consortium is performed by the USGS' Earth Resources Observation Systems (EROS) Data Center (EDC) in Sioux Falls, South Dakota and the EPA's Office of Research and Development (ORD), and National Exposure Research Laboratory's (NERL), Landscape Characterization Branch (LCB) in Research Triangle Park, North Carolina. Image processing and land-cover classification are performed at EDC, while accuracy assessments of the classification are primarily handled by LCB. During the 1990's, the MRLC resulted in several successful mapping programs, including the: (1) Coastal Change Analysis Project (C-CAP) administered by NOAA; (2) Gap Analysis Project (GAP) directed by the Biological Resources Division of the USGS; and the National Land Cover Data (NLCD) project directed by both the USGS and EPA. The data developed by these projects are available publicly either through download, or by contacting the agency	Links to : NLCD National Land Cover Data ReVA Regional Vulnerability Analysis EMAP Environmental Monitoring and Assessment Program EDC EROS Data Center NAWQA National Water-Quality Assessment GAP Gap Analysis Project NALC North American Landscape Characterization GLCC Global Land Cover Characterization C-CAP Coastal Change Analysis Program FIA Forest Inventory and Analysis LAA Landscape Analysis and Assessment NRI National Resource Inventory FGDC Federal Geographic Data Committee	National, State	http://www.epa.gov/mrlc/data.html

136	LU	NLCD 1995 and 2001	EPA and USGS	Description	Data Products	Spatial Extent	Website
				NLCD 92 (National Land Cover Data 1992) is a 21-category land cover classification scheme that has been applied consistently over the conterminous U.S. It is based primarily on the unsupervised classification of Landsat TM (Thematic Mapper) 1992 imagery. Ancillary data sources included topography, census, agricultural statistics, soil characteristics, other land cover maps, and wetlands data.	NLCD 92 (by State) This data is cast to the Albers Equal-Area Conic projection, and it is referenced to the North American Datum of 1983 (NAD83). Accuracy assessment has not been completed for every location, so there are two separate categories of the NLCD 92 product to reflect this status: - Final product consists of the NLCD 92 data for which accuracy assessment is complete. The final product is available on CD-ROM in GeoTIFF format. The data is also available via FTP download in either generic binary 8-bit or GeoTIFF format. - Preliminary product consists of the NLCD 92 data for which accuracy assessment is not complete. The data is available in either generic binary 8-bit or GeoTIFF format, and it is distributed via FTP download only. NLCD 92 (Seamless) -The seamless product consists of NLCD 92 for the conterminous U.S., which is provided according to a user-specified area of coverage. The data is expressed in geographic coordinates (latitude/longitude), and it is referenced to the North American Datum of 1983 (NAD83). The files are available in GeoTIFF, ArcGrid, or BIL format. The data	National, State	http://www.mrlc.gov/index.asp
137	LU	Ecological Site Information System	USDA NRCS	The Ecological Site Inventory (ESI) application provides the capability to enter, edit, and retrieve rangeland, forestry, and agroforestry plot data. ESI is the official repository for all plot data collected via the Soil-Woodland Correlation Field Data Sheet (ECS-005), the Windbreak-Soil-Species Evaluation Data Sheet (ECS-004) and the Production and Composition Record For Native Grazing Lands (RANGE-417). Inventory data collected on rangeland plots includes the total annual production of all plant species of a plant community, as well as the production (by weight measurement) and composition of individual plant species comprising the plant community. The inventory data collected on forestland plots includes: composition and relative abundance of the overstory and understory plant species; stand densities (basal area); and site productivity, as measured by site index.	Ecological Site Inventory	ND by Dust database	http://esis.sc.egov.usda.gov/
138	LU	Ecosystem Management Decision Support	USDA Forest Service	The Ecosystem Management Decision Support (EMDS) system is an application framework for knowledge-based decision support of ecological assessments at any geographic scale. The system integrates state-of-the-art geographic information system (GIS) as well as knowledge-based reasoning and decision modeling technologies in the Microsoft Windows environment to provide decision support for a substantial portion of the adaptive management process of ecosystem management.	Landscape Level Ecosystem Analysis	ND by Dust database	http://www.fsl.orst.edu/emds/
139	LU	National Atlas	USDA and National Agricultural Statistics Service (NASS)	The Agriculture Census of the United States - 1997 map layer portrays the data for all fifty States, collected at the county level. The 25 categories of data in this map layer contain statistics on land use and ownership, operator characteristics, acreage, machinery and equipment, crops, livestock and poultry, and farming economics.	Agricultural Operations	ND by Dust database	http://nationalatlas.gov/
140	LU	National Atlas	USEPA and USGS	The Causes of Forest Fragmentation map layers were derived from NLCD by the U.S. Environmental Protection Agency and the U.S. Geological Survey (USGS). These map layers are grid maps of the conterminous United States, showing both forest connectivity and whether fragmentation is from human or natural causes. The data are presented in three bands: one each for forest connectivity, human-caused fragmentation, and natural fragmentation.	Causes for Forest Fragmentation	ND by Dust database	http://nationalatlas.gov/

141	LU	National Atlas	USEPA and USGS	Description	Data Products	Spatial Extent	Website
				The Classification of Forest Fragmentation map layer is a grid map of North America, including the Caribbean and most of Mexico, showing the amount of forest and the connectivity between patches of forest. The map portrays continental patterns at a relatively coarse scale and is considered a first step toward quantifying forest fragmentation and its potential impacts on biodiversity. Data were originally created as part of a global analysis of forest fragmentation and other land cover patterns that was based on digital land cover maps derived from remote sensing and produced by the Global Land Cover Characteristics (GLCC) project. However, no distinction is drawn between natural and human-caused fragmentation. The primary data source for the underlying GLCC land cover maps is Advanced Very High Resolution Radiometer (AVHRR) satellite imagery from the early 1990s.	Forest Connectivity	ND by Dust database	http://nationalatlas.gov/
				The Streams and Waterbodies of the United States map layer shows the major water features of the United States that can be represented at a map scale of 1:2,000,000. Water features include streams and rivers, canals, aqueducts, lakes, reservoirs, marshes, glaciers, bays, and oceans, including intermittent and dry water bodies. Some small features cannot be portrayed at this scale. Descriptive information includes the feature name and the type of water feature represented.	Surface Water Bodies	ND by Dust database	http://nationalatlas.gov/
				The National Park Service (NPS), in conjunction with the Biological Resources Division (BRD) of the U.S. Geological Survey (USGS), has implemented a program to "develop a uniform hierarchical vegetation methodology" at a national level. The program will also create a geographic information system (GIS) database for the parks under its management. The purpose of the data is to document the state of vegetation within the NPS service area during the 1990's, thereby providing a baseline study for further analysis at the Regional or Service-wide level. The vegetation units of this map were determined through stereoscopic interpretation of aerial photographs supported by field sampling and ecological analysis. The vegetation boundaries were identified on the photographs by means of the photographic signatures and collateral information on slope, hydrology, geography, and vegetation in accordance with the Standardized National Vegetation Classification System	Vegetation	ND by Dust database	http://biology.usgs.gov/npsveg/products/state.html
				Modeling system that accurately describes the emission, transport and dispersion of, and air quality impacts from, windblown dust from the Columbia Plateau. A secondary goal is to develop an air quality modeling system to describe the emission, transport and dispersion of, and air quality impacts from, agricultural field burning in eastern Washington and northern Idaho.	Dust Emission	ND by Dust database	http://www.pnw-winderosion.wsu.edu/Docs/Current%20Project/Claiborn-Lamb04.pdf
				The PLANTS Database provides standardized information about the vascular plants, mosses, liverworts, hornworts, and lichens of the U.S. and its territories. It includes names, plant symbols, checklists, distributional data, species abstracts, characteristics, images, plant links, references, crop information, and automated tools. PLANTS reduces costs by minimizing duplication and making information exchange possible across agencies and disciplines.	Plant Distribution	ND by Dust database	http://plants.usda.gov/
				This data set is a seamless 1:500,000 scale surficial geologic coverage for the states of Arizona, Colorado, Nevada, New Mexico and Utah. The coverage was compiled and edge matched from existing digital versions of the 1:500,000 scale state geologic maps	Geology	ND by Dust database	http://earth.gis.usu.edu/swgap/

147	LU	Southwest Regional GAP Analysis Project	USGS, State Agencies	Ten landform position classes defined by topographic position and slope gradients were modeled using a GIS. The ten landform classes are: 1) Valley flats, 2) Gently sloping toe slopes, 3) Gently sloping ridges, fans and hills, 4) Nearly level terraces and plateaus, 5) Very moist steep slopes, 6) Moderately moist steep slopes, 7) Moderately dry steep slopes, 8) Very dry steep slopes, 9) Cool aspect scarps, cliffs and canyons, and 10) Hot aspect scarps, cliffs and canyons. The GIS model was created using ArcInfo AML and a 30 meter DEM (digital elevation model).	Landforms	ND by Dust database	http://earth.gis.usu.edu/swgap/landform.html
148	LU	USGS National Map Viewer	USEPA and USGS	The National Land Cover Database (NLCD) classification contains 21 different land cover categories. The NLCD was produced as a cooperative effort between the U.S. Geological Survey (USGS) and the U.S. Environmental Protection Agency (US EPA) to produce a consistent, land cover data layer for the conterminous U.S. using early 1990s Landsat thematic mapper (TM) data.	Land use	ND by Dust database	http://edcsns17.cr.usgs.gov/EarthExplorer/
149	LU	USGS National Map Viewer	USGS	Since 1989, the USGS EROS Data Center has been mapping the vegetation condition of the conterminous United States (lower 48 states) using satellite information. The vegetation condition maps, or more commonly called "greenness" maps, are produced every week using the latest information on the growth and condition of the vegetation. The greenness maps show the health and vigor of the vegetation. The greenness maps are used by government agencies and private industry for a wide variety of applications. Some examples are agricultural assessment, grazing land management, grassland and forest fire danger assessment, and drought monitoring. One of the most important aspects of the USGS greenness mapping is the more than 10-year history of information. Over the last 10 years, droughts have come and gone, there have been years when the vegetation has been lush from ample rain, and there have been the "normal" years. From all of this information it is possible to determine the departure from normal for vegetation condition, much like is done for precipitation.	USGS Current Greenness, Normalized Difference Vegetation Index (NDVI)	ND by Dust database	http://edcsns17.cr.usgs.gov/EarthExplorer/
150	LU	USGS National Map Viewer	USGS and NASA	The Landsat Project is a joint initiative of the U.S. Geological Survey (USGS) and the National Aeronautics and Space Administration (NASA) to gather Earth resource data using a series of satellites. NASA was responsible for developing and launching the spacecrafts, while the USGS is responsible for flight operations, maintenance, and management of all ground data reception, processing, archiving, product generation, and distribution. The Enhanced Thematic Mapper Plus (ETM+) is a multispectral scanning radiometer that is carried on board the Landsat 7 satellite. The ETM+ instrument provides image data from eight spectral bands.	Various land use and vegetation data products	ND by Dust database	http://edcsns17.cr.usgs.gov/EarthExplorer/
151	LU	WRAP Fuel Characteristic Classification Systems (FCCS)	USDA Forest Service, WRAP	Coverage of fuelbed types based on biogeography, dominant vegetation, and disturbance/management history. GIS coverages (1-km) of potential vegetation, current vegetation, land use, historical fire regimes, and structural-stage classes for the western United States. Ecological provinces have been further classified according to climatological model to predict site-specific habitat types (associations between dominant cover and potential vegetation are filtered through gradient variables and fine-tuned by consideration of condition class, change agents, and other attributes). Model includes pre-defined fuel loadings by model-defined habitat type. Data are GIS coverages providing habitat type and fuel loading. Model is dynamic and can be used to reclassify areas based on climatology, land use, fires, etc.	Fuel Loading	ND by Dust database	http://www.fs.fed.us/pnw/fera/nfp/haze/mckenzie-et-al-fuel-mapping.pdf

Categ	Database Title	Organization	Description	Data Products	Spatial Extent	Website	
152	LU	Southern Arizona Data Services Program Databases	USGS Southwest Biological Science Center Sonoran Desert Research Station	The Southern Arizona Data Services Program is a joint effort by the SDRS and the Advanced Resource Technology Group (ART) in the School of Renewable Natural Resources. Our goal is to more efficiently serve commonly requested GIS data to the public and the greater University community. This data sharing effort includes the production of numerous research data sets from important natural resource based projects, the development of GIS related software and data layers, and shared hardware and software facilities to increase our teaching and research capabilities. The overall purpose of this effort is to provide spatial information that will help promote a better understanding of our natural and cultural resources. DATASETS: +AZ GAP Analysis Database +AZ ALRIS 1999 and 2004 +Sonoran Desert Research Station (SDRS)	GAP Analysis Vegetation GIS Data	State	0
153	LU	State of Idaho Dept. of Lands GIS Cartography	ID Dept of Lands	Vector and raster land use data for Idaho as well as land records data and an interactive mapping feature	Orthophoto quads; GCDB coverages; aerial photography; mine names	State	http://gis.idl.state.id.us/GIShtm/static/Programs.htm
154	LU	Urban Trace-gas Emissions Study (UTES)	University of Utah	Maps of urbanization for all years below for Salt Lake, Davis, and Weber Counties	Urbanized areas, Urban vegetation	State	NA
155	LU	US GeoData for AK	USGS AK	Connected to USGS EROS	Connected to USGS EROS	State	http://agdc.usgs.gov/data/usgs/to_geo.html
156	LU	A Climate Change Atlas for 80 Forest Tree Species of the Eastern United States	USDA Forestry Service, Northeastern Research Station -- Prasad, A. M. and L. R. Iverson. 1999-ongoing. A Climate Change Atlas for 80 Forest Tree Species of the Eastern United States [database]. http://www.fs.fed.us/northeasternresearchstation/USDAForestService/USDAForestServiceDelawareOhio	A Climate Change Atlas for 80 Forest Tree Species of the Eastern United States -- spatial database. Includes distribution maps and tables for different climate change scenarios, life-history and disturbance attributes, ecological attributes, forest type maps and sorted list of species importance values by state/county for different climate change scenarios, and more for 80 species in the eastern half of the United States (east of the 100th meridian)! The products presented in this atlas were a result of a modelling effort that involved the use of USDA Forest Service's Forest Inventory Data, numerous environmental variables gleaned from various sources and 2xCO2 equilibrium climate variables provided by five Global Circulation Models (GCMs) - ie., GISS, GFDL, Hadley, UKMO and CCC. You can compare the GCM predicted climate with the current.	Dominant Forest Type Maps (forest type map for the current scenario and the 5 climate change scenarios based on certain rules) ; Dominant Species by State/County ;	State - Multiple	http://www.fs.fed.us/northeasternresearchstation/atlas/index.html
157	LU	SAGEMAP: A GIS Database for Sage Grouse and Shrubsteppe Management in the Intermountain West	USGS, Snake River Field Station	The SAGEMAP project, conducted by the Snake River Field Station (SRFS) of the USGS Forest and Rangeland Ecosystem Science Center, is identifying and collecting spatial data layers needed for research and management of sage grouse and shrubsteppe systems. The datasets, which can be queried, viewed, and downloaded from our FTP site, are important for our understanding and management of shrubsteppe lands and associated wildlife. The data can be used to identify factors causing the declines of wildlife and shrubsteppe habitats, or in the decision process for listing of Greater Sage-grouse (<i>Centrocercus urophasianus</i>) as a Threatened or Endangered species, and to help guide restoration of habitats in the Great Basin.	biota, Ecology, Biogeography, Ecosystems, Synecology, Plant Ecology, Environmental Conservation, Environmental Monitoring, Environmental Restoration, Environmental Planning, Land Use, Natural Resources, Land Resources, Natural Resource Management, Natural Resource Conservation, Natural Area Conservation, Rangeland Management, Wildlife Management, Wildlife Protection, Natural History, Information Management, Geographic Information Systems, Information Storage Systems, Databases, Information Systems	State - Multiple	http://sagemap.wr.usgs.gov/
158	LU	California Farmland Mapping & Monitoring Program Database (FMMP)	State of California Dept. of Conservation	Content Summary: Download digital spatial data, statistics, and reports on agriculture and farming for the State of California. Content Purpose: The Farmland Mapping and Monitoring Program (FMMP) produces maps and statistical data used for analyzing impacts on California's agricultural resources.	GIS, data, digital spatial data, agriculture, farming	State, County	http://www.consrv.ca.gov/dlrp/FMMP/index.htm

159	LU	AK Forest Health Monitoring Clearinghouse	AK Division of Forestry	The site will provide a comprehensive geospatial framework for forest health monitoring in Alaska. The site will be a central location for providing insect, disease and other pertinent forest resource information needed to address Alaska's changing forest conditions.	Vegetation and Related Vegetation/Land Cover Ecoregions Wetlands Inventory Timber Harvest & Other Disturbances Insect & Disease Yearly Coverages, 1989 to 2003 Summary Coverages Flight Lines Fire Related Fire History Fire Protection Zones Fire Management Boundaries Fire Fuels Models Other Useful Datasets Anondramas Streams Elevation Hydrography Land Status/Ownership Permafrost Soils Surficial Geology Bedrock Geology	State	http://agdc.usgs.gov/data/projects/fhm/#E
160	LU Anim	GAP Analysis Program	USGS NBII	Gap Analysis is a proactive approach to protecting biodiversity. It seeks to identify gaps between land areas that are rich in biodiversity and areas that are managed for conservation.GAP datasets documenting land cover, stewardship (management and ownership), vertebrate and invertebrate species habitat models, species richness, and other themes for available U.S. states and regions.	3 Main data layers, a landcover layer, a layer showing the predicted distributions of vertebrate species, and a stewardship layer.	National - incomplete	http://www.gap.uidaho.edu/ http://gapanalysis.nbii.gov
161	LU Anim	GAP Analysis Projects - Regional and Other States	USGS, State Agencies	The Gap Analysis Program develops land cover maps from Landsat satellite imagery for each state as a framework for assessing the conservation status of vegetation types and associated target species. Fields housing information on key environmental factors, dynamic processes, landscape relations, and disturbance history are included in each record.	Wildlife and Vegetation Data	National - incomplete	http://www.gap.uidaho.edu/ http://gapanalysis.nbii.gov
162	LU	Coastal Change Analysis Program (C-CAP) National Baseline data bank	NOAA Coastal Services	C-CAP National Baseline An immediate objective for C-CAP is to expeditiously complete a national baseline of land cover and change data, from which additional dates of imagery may be used to track coastal trends over time. This is being accomplished through partnerships with private industry and more recently, the U.S. Geological Survey's (USGS) National Land Cover Dataset (NLCD) 2001 efforts. NOAA and USGS share initial land cover processing procedures, with final agency-specific processing conducted to yield each agency's respective products. C-CAP Baseline Products Land cover data for two dates, approximately 5 years apart A product illustrating the difference between the two dates C-CAP Product Specifications Derived from Landsat satellite imagery 30 meter resolution Target 85% overall classification accuracy 22 land cover classes C-CAP baseline products exist for the Great Lakes region and Hawaii and work is currently underway in Michigan and the entire West Coast. Other C-CAP products are available for the Yakutat Bay in Alaska, the San Francisco Bay in California, the Columbia R	Completed C-CAP National Baseline Data Great Lakes Region: Illinois, Indiana, Michigan, Minnesota, Western New York, Ohio, Western Pennsylvania, Wisconsin West Coast Region: California, Oregon, Washington Hawaiian Islands Land Cover and Change Analysis Projects Coastal Louisiana Land Cover Change Columbia River Estuary, Oregon/Washington Land Cover Change Georgia Land Cover Change Great Bay, New Hampshire, Land Cover Change Lake St. Clair, Ontario, Canada Land Cover Change Long Island, New York, Land Cover Maine Land Cover Change Massachusetts, Rhode Island, and Eastern Connecticut Land Cover Change North Carolina Land Cover Change San Francisco Bay Area, California, Land Cover Change South Carolina Land Cover Change Southern Coastal California Land Cover/Land Use Southern New Jersey Land Cover Virginia Land Cover Yakutat Bay, Alaska, Land Cover Change C-CAP Prototypes The following projects were prototypes developed by C-CAP. Accuracy assessment results are not available -- Chesapeake Bay Land Cover Change & Maine Land Cover Change	State - Multiple	http://www.csc.noaa.gov/bins/data-standards.html

163	LU Anim	South Dakota GAP Analysis Project	USGS, State Agencies	Digital maps illustrating existing native vegetation, predicted distributions of native vertebrate species, and current protected lands are created for each state using geographical information systems (GIS) and remote sensing technology.	Wildlife and Habitat Data	ND by Dust database	http://wfs.sdstate.edu/sdgap/sdgap.htm
164	LU Bound	Yavapai County Interactive Mapping Database	Yavapai County Government, AZ	Yavapai County infrastructure, geology, political boundaries etc.	2000 Satellite Imagery Airports Addresses Buildings(1995 Urban Areas Only) Buildings(2000) Camp Verde Zoning Chino Valley Zoning City Boundaries City Towns Places Clarkdale Zoning College Districts Contours (100 foot) Contours (20 foot) Cottonwood Zoning County Boundary County Maintained Rds Election Precincts Fire Districts Hydrology Jerome Zoning JP Districts Lakes Legislative Districts Lot Dimensions Lot Numbers Major Roads Mining Claims Parcel Numbers Parcels 1:30000 Points of Interest Prescott Valley Zoning	County	http://www.co.yavapai.az.us/departments/gis/gisHome.asp
165	LU Bound	National Integrated Land System (NILS)	BLM	The Land Survey Information System or LSIS is the official government Web site for the distribution of the Public Land Survey System (PLSS) of the United States. The Bureau of Land Management (BLM) cadastral survey program is responsible for the official boundary surveys for all federal agencies in the U.S. that together manage over 700 million acres. The Public Land Survey System also called the Rectangular Survey System is the foundation for many survey-based land information systems.	*Townships (BLM) BLM Township boundaries. This layer is available for download. The GIS shapefile downloaded is called 'twncshp'. *Township Boundaries High level view of all Township boundaries across the United States. This layer provides a general view and labeling index for finding Township data. *Township Labels Labels for all townships across the US. *Sections BLM Section boundaries (formally referred to as PLSS First Division). This layer is available for download. The GIS shapefile downloaded is called 'first'. *Quarter-Quarters BLM Quarter-Quarter boundaries (referred to as PLSS Third Division or Aliquots). This layer is available for download. The GIS shapefile downloaded is called 'lades'. Additionally, other related layers that are downloaded include Corner points, Control points, and boundary line shapefiles. *Quarter-Quarter Labels *Quarter-Quarter Acreage Labels *Reference layers include road, rivers, urban areas... *State Boundaries - State boundaries National Atlas Metadata *1:100,000 Scale Quad Boundaries Index layer showing 1:100,000 scale Quadrangle map t * Roads -- Bureau of Transportation Statistics Roads, h * Major Roads and Highways -- US Department of Tran	National	http://www.lsi.blm.gov/

Categ	Database Title	Organization	Description	Data Products	Spatial Extent	Website
166	LU Bound National Integrated Land System (NILS): BLM's Land and Mineral Recordation System- LR2000; Land Survey Information System (LSIS)'s Public Land Survey System data (PLSS)	BLM, DOI & US Forest Service	Geocommunicator is an Internet website for the distribution of spatial data from the National Integrated Land System (NILS) including the Public Land Survey System (PLSS), Federal Land Stewardship and BLM Land and Mineral Use Records. Federal Land Stewardship: An Internet application and map streaming service for display of the land boundaries delineating the surface management agency and contact information for federal lands in the U.S. Land & Mineral Use Records: An Internet mapping application to search, display and access land and mineral case data such as oil and gas leases, agreements, mining claims, ROWs, and more from the BLM's Land and Mineral Recordation System- LR2000. Land Survey Information System (LSIS)- PLSS Land Grid: Internet mapping application to display, download, or stream data from the Public Land Survey System - PLSS (township, range, section, aliquot). The PLSS is computed from BLM survey records (official plats and field notes), local survey records, and geodetic control information.	Land boundaries delineating the surface management agency and contact information for federal lands in the U.S; land and mineral case data such as oil and gas leases, agreements, mining claims, ROWs, and more from the BLM's Land and Mineral Recordation System- LR2000. Public Land Survey System data - PLSS (township, range, section, aliquot) - computed from BLM survey records (official plats and field notes), local survey records, and geodetic control information.	National	http://www.geocommunicator.gov/GeoComm/index.html ;
167	LU Bound NBII Clearinghouse for datasets from Gap Analysis Program, Vegetation Mapping Programs, Land Use History of North America, Integrated Taxonomic Information System	USGS	Content Summary: The USGS Center for Biological Informatics serves as the operating agent for the National Biological Information Infrastructure (NBII), hosting top-level pages, managing the NBII search engine, and developing and providing standards and procedures for acquiring, managing, and sharing biological data and information. CBI also develops, identifies, and provides access to tools that facilitate collection and use of biological information and data, and cooperates with others to improve access to existing information and data not housed at the center. decision makers, educators, and the public. In addition, CBI manages national data collection programs that complement and strengthen its role within the NBII. Content Purpose: To act as originally as a clearinghouse and gateway to appropriate data sets and tools for the investigation of national eco-biological science investigative endeavors. Supplemental Information: Live access to some of the datasets and decision tools, is under development and will be listed with separate metadata records as they become active.	Geographic Boundaries, General Reference Data, Soils and Vegetation, Land Use Data, Natural Resources Data, vegetation mapping, DSS, SDSS, GAP, Gap Analysis Program Vegetation Mapping Programs Land Use History of North America Integrated Taxonomic Information System	National	http://biology.usgs.gov/cbi/
168	LU Bound USGS Status Graphics Database	USGS	Displays USGS GIS data locations	Digital Orthophoto Quadrangle Digital Orthophoto Quadrangle (DOQ) in 3.75 Minute and 7.5 Minute Format Digital Elevation Model Digital Elevation Model (DEM) in 7.5 Minute, 15 Minute and 100K (30 X 60 Minute) Format Digital Raster Graphic Digital Raster Graphic (DRG) in 7.5 Minute, 15 Minute and 100K (30 X 60 Minute) Format Digital Line Graph Digital Line Graph (DLG) in 7.5 Minute, 15 Minute and 100K (30 X 60 Minute) Format National Hydrography Database National Hydrography Database (NHD), Medium, High, and Local Resolution Status by subbasin Cities Cities in the United States (Scale: 25 mil) Counties Counties in the United States (Scale: 2 mil) Counties Counties in the United States (Scale: 100K) States North American State and Province Boundaries (Scale: 15 mil) States North American State and Province Boundaries (Scale: 1 mil) Countries World Wide Country Boundaries 30 Degree Grid 30 Degree Latitude/Longitude Grid with Blue Background DOQ Digital Orthophoto Quadrangles from TerraServer USA DRG Digital Raster Graphics from TerraServer USA USGS NED USGS National Elevation Dataset	National	http://statgraph.cr.usgs.gov/viewer.htm and http://edc.usgs.gov/geo/data/ for USGS Data Download

169	LU Bound	Land Survey Information System Map Service	BLM	<p>Content Summary: The Land Survey Information System is the official federal government website for the distribution of the Public Land Survey System (PLSS) of the United States and other survey-based data. The spatial data layer is based on BLM's Geographic Coordinate Data Base (GCDB) coordinate data.</p> <p>Content Purpose: The Land Survey Information System (LSIS) data is a useful representation of the geometry and topology of parcels contained within the PLSS, but its application is intended for mapping purposes only. The data served from LSIS is not a substitute for a legal land survey.</p> <p>Supplemental Information: GOS metadata publisher: John Reitsma, Bureau of Land Management, PO Box 25047, Denver, CO, jreitsma@blm.gov</p> <p>The locations of Public Land Survey System (PLSS) corners, as represented in geographic coordinate pairs, were derived from a variety of source documents, which include U.S. General Land Office and BLM survey plats/notes, as well as survey data obtained from other U.S. Government agencies, private sector survey firms, and local governments. The attributes assigned to PLSS polygons were taken</p>	<p>planning Cadastre, LSIS, GCDB, cadastral, survey, PLSS, township, range, section, Land Survey Information System, Public Land Survey System</p>	National	http://www.nifc.gov/offline/
170	LU Bound	BLM Geographic Coordinate Data Base (GCDB)	BLM	<p>BLM's Geographic Coordinate Data Base (GCDB) is a collection of geographic information representing the Public Land Survey System (PLSS) of the United States. The GCDB grid is computed from BLM survey records (official plats and field notes), local survey records, and geodetic control information.</p>	<p>BLM collects the GCDB data on a township basis. The survey boundaries are delineated by computing the geographic positions of township, section, aliquot part, government lot, and special survey corners. Next, official land descriptions are assigned to each land unit in the grid. The records are then reformatted so Geographic Information System (GIS) software can be used to view the PLSS information spatially.</p>	<p>National - incomplete: GCDB data has been collected for approximately three quarters of the townships in the Western United States. The BLM Eastern States Office has collected GCDB for over 300 townships east of the Mississippi River.</p>	http://www.blm.gov/gcdb/
171	LU Bound	National Atlas	USDA Forest Service	<p>Different levels of maps identifying areas that share common climatic and vegetation characteristics. Domains are groups of related climates and are differentiated based on precipitation and temperature. Divisions represent the climates within domains and are differentiated based on precipitation levels and patterns as well as temperature. Divisions are subdivided into provinces, which are differentiated based on vegetation or other natural land covers. Mountainous areas that exhibit different ecological zones based on elevation are identified at the province level. The finest level of detail is described by subregions, called sections, which are subdivisions of provinces based on terrain features.</p>	Ecoregions	ND by Dust database	http://nationalatlas.gov/

172	LU Bound	Titan Sure!MAPS® RASTER Data	Titan Systems Corporation	The data sources for the Sure!MAPS® RASTER maps include the USGS topographic maps at 1:24,000; 1:100,000; and 1:250,000 scales. Each map contains colorful details including topographic contours, land use features, political boundaries, streets, buildings, landmarks, and other cultural information. Sure!MAPS RASTER data are delivered in the projection, zone, and datum of your choice. Available projections are Latitude/Longitude UTM State Plane 1927 State Plane 1983 Using GIS software such as ArcGIS and ArcExplorer-Java Edition, ESRI's Public Domain data viewer, you can overlay the data with your own information. When overlaid with vector data sets, the cultural, topographic, and environmental information contained on the maps can enhance the usefulness and usability of your application.	Including topographic contours, land use features, political boundaries, streets, buildings, landmarks, and other cultural information.	Selected area	http://smaps.suremaps.com/suremaps/default.aspx
173	LU Bound	AK BLM SDMS Database	BLM	BLM Alaska is involved in the largest survey and land conveyance effort in American history. Each field season, land surveys are conducted on federal lands, resulting in new land parcel records. As a result, collection of all BLM land parcel records will take several years. BLM is committed to keeping this information current and easily accessible. SDMS Allows You to: Select, Query, and View BLM Alaska's Public Land Survey System (PLSS) land information Download PLSS information to your computer systems Connect to the Alaska Land Information System to view case information for land parcels View Master Title Plats and Survey Plats and Notes View Federal Easements, Active Federal Mining Claims, and Statewide Land Status Subscribe to a geographic area of interest and receive email notification when new lands information is added to the area	GIS Data Layers Land Status [Shapefile 30.9 Mb] or [Arc Export 40.6 Mb] (Current as of August 3, 2004) [Metadata] Protracted Township and Section Grids Federal Mining Claims Native Allotments (i.e. pending allotment applications and conveyed allotments) Areas of Critical Environmental Concern Tabular Data Protracted Township/Section Grid tabular data. This dataset contains a set of tables that comprise the corners for every township and section in Alaska. This is not a GIS dataset.	State	http://sdms.ak.blm.gov/sdms/download.jsp
174	LU Bound	AK BLM's Spatial Data Management System	BLM, Alaska State Office	SDMS is a comprehensive web-based application that allows the public to access many of BLM's Land Records via the Internet. Record types available include Surveyed Land Parcels, Master Title Plats, Survey Plats and Field Notes, Federal Easements, Federal Mining Claims, Alaska Land Information System (ALIS), and general categories of Land Ownership.	planningCadastre,Framework,Land,Survey,PLSS,Boundaries,Easements,Mining,Claims,Towns	State	http://sdms.ak.blm.gov
175	LU Bound	Wyoming Geographic Information Advisory Council (WGIAC) Databases	Wyoming Geographic Information Advisory Council (WGIAC), State of WY	The State of Wyoming provides technical and data acquisition assistance for statewide GIS projects and support to agencies developing in-house GIS capability. This site maintains inventories of available GIS data and assists with GIS data sharing throughout the state. Located in Cheyenne, Wyoming, this website provides comprehensive access to information about Wyoming's GIS data acquisition, storage and retrieval and subsequent dissemination of that information in meaningful form.	BLM Geographic Coordinate Data Base USGS 1994 Digital Orthophoto Quarter Quadrangles (DOQQ's) USGS 2002 CIR Digital Orthophoto Quarter Quadrangles (DOQQ's) USGS topographic maps -- also known as Digital Raster Graphics (DRG's) USGS topographical maps enhanced by Beartooth Mapping -- known as Digital Raster Graphics Enhanced (DRG-Es) US Census Line Data -- raw from the census or enhanced by county clerks	State	http://wgiac2.state.wy.us/html/wsdc_index.asp

176	LU Bound	AK FWS Wetlands Digital Data	FWS AK	Digital data available on this site represent the latest, most accurate information available from the U.S. Fish and Wildlife Service's National Wetlands Inventory. These data are also available on The National Map.	Wetlands Digital Data Build, search, query, and download custom digital maps in the area you choose: Go to the Wetlands Mapper Choose groups or individual quadrangles to download: Wetland data by Quadrangle Wetlands Master Geodatabase -- Interactive Layers – Vector Data Projection: None, Coordinate System: GCS NAD83 Vector Description Metadata Wetlands Data Availability USFWS wetland data that exists in digital form Metadata Wetland Polygons Wetland polygons for the lower 48 States Metadata Cities U.S. Cities of the lower 48 states Metadata Major Cities U.S. Cities with a population greater than 10,000 Metadata Zip Codes U.S. Zip Codes Metadata USGS Quad Index 24K USGS 1:24,000 Topographic Quadrangle Series Index Metadata USGS Quad Index 100K USGS 1:100,000 Topographic Quadrangle Series Index Metadata States 100K U.S. States, 1:100,000 source scale Metadata States 2M U.S. States, 1:2,000,000 source scale Metadata States 25M U.S. States, 1:25,000,000 source scale Metadata Counties U.S. Counties, 1:100,000 source scale	State	http://www.nwi.fws.gov/downloads.htm
177	LU Bound Elev Trans	Emailed 'JeffH@DIS.WA.GOV' 4/5 Awaiting Reply	WA State Dept of Information Services	The WAGIC is recognized as the statewide body responsible for coordinating and facilitating the use and development of Washington State's geospatial information.	Digital orthoimagery, elevation, transportation, hydrography, governmental units and cadastral data	State	http://metadata.gis.washington.edu/
178	LU Bound Env Trans	BLM GeoSpatial Data ClearingHouse	BLM, DOI	BLM has established a GeoSpatial Data Clearinghouse as part of the Federal Geographic Data Committee's (FGDC) Geospatial Data Clearinghouse Network. BLM data can be searched in two ways: Go to the FGDC clearinghouse site and perform a search for data or go to the BLM Clearinghouse web site and perform a search. From the FGDC you can search all clearinghouse nodes that have been established (not just the BLM node).	Theme Keywords: Air Quality, Cultural Resources, Fire, Fish, Forestry, Framework, Geology, Grazing, Hydrography, Land Use Planning, Lands, Minerals, Recreation, Transportation, Vegetation, Visual Resources, Wildlife. Place Keywords: Arizona Alaska California Colorado Idaho Montana Nevada Oregon Utah Washington Wyoming	State - Multiple	http://www.or.blm.gov/metaweb.html
179	LU DEM	PAG (Year) Orthophotography	Pima Association of Governments (PAG)	Elevation and contour data, land use (used to help create 2002 dirt road inventory)	TIF images, DEMs, and DTMs	County	http://www.pagnet.org/rdc/orthophoto/order/
180	LU DEM	AK DEM	AGDC	DEM	Digital Elevation Model 1KM mosaic for Alaska Digital Elevation Model 300m mosaic for Alaska Shaded Relief image derived from DEM 300m mosaic for Alaska USGS 1 Degree DEM files converted to ARC/INFO BIL format USGS National Elevation Dataset (NED) example for Cook Inlet Basin National Water Quality Assessment (NAWQA) (Arc/Info BIL, gzipped, tar)	State	http://agdc.usgs.gov/data/akdb/dem/dem.html
181	LU DEM Anim	Southwest Regional GAP Analysis Project	USGS, State Agencies	Multi-season satellite imagery (Landsat ETM+) from 1999-2001 were used in conjunction with digital elevation model (DEM) derived datasets (e.g. elevation, landform, aspect, etc.) to model natural and semi-natural vegetation. The minimum mapping unit for this dataset is approximately 1 acre. Landcover classes are drawn from NatureServe's Ecological System concept, with 109 of the 125 total classes mapped at the system level. For the majority of classes, a decision tree classifier was used to discriminate landcover types, while a minority of classes (e.g. urban classes, sand dunes, burn scars, etc.) were mapped using other techniques. Twenty mapping areas, each characterized by similar ecological and spectral characteristics, were modeled independently of one another. Specifically, this dataset was created for regional terrestrial biodiversity assessment.	Habitats	ND by Dust database	http://earth.gis.usu.edu/swgap/

182	LU Elev Trans	EROS Data Center Orthoimagery	USGS	Description	Data Products	Spatial Extent	Website
				This is an USGS seamless orthoimagery website, featuring High Resolution Orthoimagery, Landsat 7 mosaics, and seamless Digital Orthophoto Quarter Quadrangles (DOQQs). The purpose of the EROS Data Center Orthoimagery website is to provide instant access to The National Map orthoimagery. The Orthoimagery category is one of the framework layers for The National Map. Imagery can be used as a base layer for updating or deriving additional geographic information, such as transportation networks, hydrographic features, elevation, and land cover.	Linked USGS National Map	National	http://edcw2ks51.cr.usgs.gov/website/orthoimagery/
183	LU Env	CADRE	USDA, Foreign Agricultural Service	Content Summary: The Crop Explorer web portal features near-real time global crop condition information based on satellite imagery and weather data. Thematic maps of major crop growing regions are updated every 10 days to depict the latest statistics pertaining to vegetative vigor, precipitation and temperature, and soil moisture. Time-series charts depict current and historical growing season data for specific agro-meteorological zones. Satellite imagery from the NASA MODIS rapid response system is available for downloading. Lake level variation data for selected lakes and reservoirs in agricultural regions are linked from the NASA Jason-1 project. Content Purpose: U.S. producers, traders, researchers, and the public can use Crop Explorer to visualize remote sensing data processed and modeled by PECAD, and monitor the impact of weather events on crop vigor. Regional droughts or excessively wet conditions can be easily identified by the amount of ground-surface "greenness" as depicted by the Normalized Difference Vegetation Index (NDVI), a measure of vegetative vigor derived from Advanced	Theme Keywords: farming,agriculture,satellite imagery,base maps,EarthCover,land cover,commodity production,crop conditions,crop models,temperature,precipitation,soil moisture,lakes,reservoirs,MODIS,AVHRR,NDVI,JASON-1 In summary, CADRE is a geospatial DBMS which stores numerous data sets and performs various modeling functions. A brief list of input data, climate normals, crop information and models, and data extraction routines performed within CADRE include: Time-series data sets -- Daily WMO station data (precipitation, min. and max. temperatures) Daily agrometeorological data derived from station and satellite data, and imported into 1/8-mesh grid cells (precipitation; min and max temperatures; snow depth; solar and longwave radiation; potential and actual evapotranspiration). Decadal VINs (vegetation index numbers) derived from LAC (Local Area Coverage, approx 1.1-km pixels) data	National	http://www.pecad.fas.usda.gov/cropexplorer/
184	LU Env	USGS Map Service for the Sonoma - Livermore Basin Province, 1995 National Oil and Gas Assessment	USGS Central Energy Team	Image Map Service of the 1995 assessment of oil and natural gas in the Sonoma - Livermore Basin Province (province 8) provided by the U.S. Geological Survey Central Energy Resources Team (CERT). This is one of 71 provinces assessed in the 1995 National Oil and Gas Assessment (NOGA) project.	geoscientificInformation,Energy Resources,Oil,Natural Gas,Resource Assessment,Earth Science,Natural Resources,U.S. Geological Survey,USGS,Geology,Play Boundaries,Magoon,L.B.,Cells,NOGA,CERT,NOGAOnline,EPCA,Energy Conservation Policy Act,Oil shale resources,Oil sand resources,Coalbed methane resources,Natural gas resources,Economic geology,geoscientificInformation,environment	National	http://certmapper.cr.usgs.gov/website/noga95/vjewer.htm?Service=prov8&OVMap=prov8_ove rview&province=08&extent=auto
185	LU Env	USGS National Hydrography Dataset - NHD	USGS	The National Hydrography Dataset is the culmination of recent cooperative efforts of the U.S. Environmental Protection Agency (EPA) and U.S. Geological Survey (USGS). It combines the best of the EPA Reach File Version 3.0 (RF3) and USGS Digital Line Graph (DLG) hydrography files: hydrologic ordering, hydrologic navigation for modeling applications, and a unique identifier (reach code) for surface water features from RF3; and the spatial accuracy and comprehensiveness of DLG hydrography. Content Purpose: The National Hydrography Dataset (NHD) is a comprehensive set of digital spatial data that contains information about surface water features such as lakes, ponds, streams, rivers, springs and wells. Within the NHD, surface water features are combined to form "reaches," which provide the framework for linking water-related data to the NHD surface water drainage network.	General Reference Data,Hydrologic Data,Natural Resources Data,hydrology reach-file hydrography water	National	http://nhd.usgs.gov

186	LU Env	USGS Geode - GIS data server	USGS	Originally started as a means of displaying energy data for the USGS. GEODE has recently been adopted as the data delivery system of the Geologic Discipline and continues to provide unbiased scientific and energy related data to the public via a fully functional, web accessed GIS map server. Geode continues to display all types of geologic data including data sets from each of the Geologic Discipline's programs including Coastal and Marine Geology, Earth Surface Dynamics, Earthquake Hazards, Integrated Natural Resource Sciences, Mineral Resources, National Cooperative Geologic Mapping, Volcano Hazards. Technical advancements also now allow GEODE to function as a portal to other USGS data servers such as the National Atlas and Terra-server. In addition GEODE continues to expand on a project by project basis to meet the needs of the data providers combining data sets from both internal and external sources that cover a national and international scope. Geode is constantly seeking new data sets to be added while still providing a powerful tool for conducting sophisticated analysis on the user desktop without requir	Coastal and Marine Geology, Earth Surface Dynamics, Earthquake Hazards, Integrated Natural Resource Sciences, Mineral Resources, National Cooperative Geologic Mapping, Volcano Hazards	National, International	http://geode.usgs.gov/geode_frame.htm
187	LU Env	Land Condition Index	University of Illinois	Multiple criteria models that can be used to assess land condition in general, and military training areas in particular. Three measures of land condition are used, namely: 1) erosion status, which is estimated based on the Revised Universal Soil Loss Equation (RUSLE), 2) percent vegetative cover, and 3) range condition. The multi-criteria methods are integrated or linked with Geographic Information Systems (GIS) to make land condition assessment geographically specific.	Disturbance and Erosion Analysis	ND by Dust database	http://www.geodec.org/Mendoza_1.pdf
188	LU ENV	Wyoming State Geological Survey Digital Maps	Wyoming State Geological Survey	Linked to USGS National Geologic Map Database	CoalBed Methane Maps of the Powder River Basin - digital dataset; Oil and Gas Maps for the State of Wyoming (image); Statemap 1998 series Surficial Geological Maps ; Statemap 1998 series Bedrock Geological Maps; Statemap 1999 series Surficial Geological Maps; Statemap 1999 series Bedrock Geological Maps ; Statemap 2000 series Surficial Geological Maps; Statemap 2000 series Bedrock Geological Maps	State	http://www.wsgs.uwyo.edu/sids/sid.aspx
189	LU Env Bound	Smithsonian National Museum North American Mammals Database	Smithsonian Institution	The Ecoregions layer shows areas that share similar environmental conditions. When the map is zoomed out, generalized ecoregions called biomes are shown, with each biome depicted using a different color (see key below). When the map is zoomed in more closely, the names of specific ecoregions are shown, along with the boundaries between regions.	Ecoregions	ND by Dust database	http://www.mnh2.si.edu/education/mna/main.cfm
190	LU Env Bound	Laboratory for Global Environmental Science Information Database	JPL & California Institute of Technology	Downloadable data and software on the atmosphere, land and oceans from the Jet Propulsion Lab and California Institute of Technology.	GIS,data,environment,atmosphere,land,ocean	National, International	http://www.lagesi.caltech.edu/

191	LU Env Bound Pop	INSIDE Idaho Geospatial Database	INSIDE Idaho (Interactive Numeric & Spatial Information Data Engine)	GeoData gives users access to downloadable vector and raster spatial data for Idaho. These data sets have been organized by INSIDE Idaho staff from the formidable amount of geospatial data developed by state, federal and local agencies, research organizations and individual researchers. The majority of spatial data on the INSIDE Idaho site are in Idaho Transverse Mercator (IDTM) projection. Additionally, some data may also be found in their native projection. Most data have been compressed into ".tgz" files. Many vector data sets are provided in ESRI shapefile format. Image data are provided in various formats ranging from TIFF to MrSID. Many raster data are provided in Arc/Info GRID format. For more information about the IDTM projection, data compression technique, or data formats found on this site see the Standards page.	Data by agency Boise National Forest GIS Bureau of Land Management, Idaho Office Bureau of Reclamation Idaho Climate Service Idaho Department of Administration Idaho Department of Environmental Quality Idaho Department of Fish and Game Idaho Department of Water Resources Idaho Geological Survey Idaho Legislative Services Office Idaho State Tax Commission Idaho Transportation Department Kootenai County GIS Natural Resources Conservation Service, Idaho Office U.S. Census Bureau U.S. Geological Survey Countywide data Statewide data and other extents ----- ----- Agriculture and Climatic Precipitation Solar Radiation Temperature: Average Dew Point Minimum	State, County	http://www.insideidaho.org/geodata/geo.htm
192	LU Env DEM	The Snake River Corridor Data Node Database	The Snake River Corridor Data Node Database	The Corridor Node is a subset of the Greater Yellowstone Area Data Clearinghouse, a major component of a Greater Yellowstone NSDI Initiative. Housed by the Mountain Research Center at Montana State University, the Clearinghouse is being developed to serve as a centralized source of information on geospatial data within the GYA. Partners within the Clearinghouse include members of the Greater Yellowstone Coordinating Committee (NPS, USFS), Montana State University, the University of Wyoming, and county and local government agencies within the GYA.	1:24,000 Surficial Hydrography (Stream Networks) 1:100,000 National Wetlands Inventory Land Cover of Wyoming 30-meter Digital Elevation Model (DEM) 1:100,000 Public Land Survey System Sections 1:100,000 Land Ownership for Wyoming 1 meter pixel Digital Orthophotography (Aerial Photographs) 1:24,000 Quadrangle Boundaries	State - Multiple	http://www.src.uwyo.edu/node/frmWater.html

193	LU Infra Bound Pop	Utah County Land Records	Utah County	Description	Data Products	Spatial Extent	Website
				Online access to Utah County land records and related information	1993 Aerial maps; 1995 aerial maps; Airstrip-Infrastructure Ambulance -Response District Bridges-Infrastructure Cemeteries-Infrastructure - Facilities Churches-Infrastructure - Facilities City Annexation-Political City Block-Survey City Boundaries-Political City Lots-Survey City Floodpanels-Hazard Contour Lines-Environment Dam Failure-Hazard Drainage Districts-Political Earthquake(History)-Hazard Fault Lines-Environment Faults-Environment Fire-Response District Ambulance-Response District Floodzones-Hazard Forest-Ownership Ground Water-Environment Lakes-Environment Liquefaction-Hazard Monuments-Survey Parcels-Ownership Info Private Survey-Survey Public Infrastructure - Facilities Public Lands-Ownership Railroad Mileposts-Infrastructure Railroads-Infrastructure Recreation-Infrastructure - Facilities	County	http://ims2.co.utah.ut.us/website/download1/data1.cfm
194	LU Pop	MAG Socioeconomic projection Database	MAG - Maricopa Association of Governments	MAG collects data and produces and maintains many GIS coverages and databases. GIS data maintained by MAG includes MAGNet (the MAG street centerline file), land use (existing and future), residential completions, employer locations, development areas and MAG geographies used for analysis and socioeconomic projections. Review the resources section below for selected maps available for online viewing.	Historical Growth of Urban Area Year 2000 Land Use Future Land Use Residential Completions MAGNet Street Centerline File Employment Locations Development Areas Age Restricted Residential Areas Post High School Institutions Mobile Home and RV Parks Hotels and Motels MAG Desert Spaces Plan 2003 RAZ and MPA Boundaries Various maps can be viewed online in several different formats. Certain maps and other GIS coverages can also be obtained and/or purchased. Call 602-254-6300 for maps, data or publication information.	State, Selected Areas	http://ims.mag.maricopa.gov/website/mag/
195	LU Pop DEM Bound	Washington State Geospatial Data Archive	University of WA Library	ND	Aerial Photography, Base Coverages, Census Data, DRGs, Elevation, LCLU, Lidar Data, County data, City data.	State, County, City	http://wagda.lib.washington.edu/data/washdata.html
196	LU Trans	Topozone	Topozone	TopoZone provides several different mechanisms for downloading digital cartographic and photographic data. Digital data downloads from TopoZone fall into two major categories - USGS Data and Seamless Data. Also available is ArcIMS web-based data	USGS DRGs; seamless mosaics of USGS topo data GeoZone Web Services to provide instant, online access to our topographic maps, aerial photographs, and GDT street maps	National	http://www.topozone.com/

Categ	Database Title	Organization	Description	Data Products	Spatial Extent	Website	
197	LU Trans Database	Chugach National Forest GIS	USDA AK Forest Service	The Chugach Geographic Information Systems (GIS) database contains about 30 themes covering approximately 6 million acres.	AN_AREAS Analysis Areas ASPECT Aspect BOUNDARY Forest, District and Management Area Boundaries CONTOURS-EAST Contours for Eastern CNF CONTOURS-PWS Contours for Prince William Sound CONTOURS-WEST Contours for Western CNF COVTYP Cover Type ECOSECTIONS Ecosections and Sub-Sections ELEVATION Grid from Digital Elevation Model (DEM) GEOLOGY Geologic Map from USGS Branch of Alaska Geology GMU ADF&G Game Management Units INSECTS Insect Infestation LAKES Lake Shore Polygons LANDCOV Land Cover Classification LANDNET Township, Range, & Section LANDSTAT Ownership Boundaries LANDSTAT_LN Powerlines LRMP_2002 Land and Resource Management Plan (Revised 2002) MINERALS Mineralized Zones from USDI Bureau of Mines MINES Shafts, Tunnels, Tailings, or Prospects QUADS 15-Minute USGS Quad Index RAILROAD Alaska Railroad REC_POLYS Recreation Polygon Features REC_SITES Recreation Point Features RNA_2002 Research Natural Areas ROADS Road System ROS_2002 Recreation Opportunity Spectrum SHORE Saltwater Shoreline Polygons	State	http://agdc.usgs.gov/data/usfs/chugach/
198	LU Trans Pop	How WA/region did GIS based modeling	WA Dept. of Ecology	The rest of this email describes what we have used in our state and regional modeling. We have made use of the MRLC data for landuse (http://www.epa.gov/mrlc/data.html). Staff from our GIS section did the gridding of this data to our domain and grid specifications. They also obtained and processed road and railroad data for us. We used the Census redistricting data for population (ftp://ftp.census.gov/census_2000/datasets/redistricting_file--pl_94-171/ e.g., wageo.upl) with in-house Perl scripts to grid the data to our domain/grid specifications. Similarly, we used in-house Perl scripts to allocate local MPO VMT link-level data to our domain/grid specifications. Ecology had a dairy database that had coordinates, so we treated them as point sources.	WA MPO, EPA, US Census Bureau	State	See description
199	Pop	BLS Unemployment rates by State	BLS, DOL	Content Summary: Bureau of Labor Statistics' interactive maps of unemployment rates dating from previous quarter back to 1978.	Unemployment data by state, county and MSAs	National	http://data.bls.gov/map/servlet/map.servlet.MapToolServlet?survey=la
200	Pop	Environmental Mapping (E-MAPS)	HUD (Housing and Urban Development)	Content Summary: Healthy Communities Environmental Mapping (HUD E-MAPS) is a Public Domain Internet service that combines information on HUD's community development and housing programs with EPA's environmental data. This image service presents the same data available through the Web site. HUD E-MAPS provides: location, type and performance of HUD-funded activities in every neighborhood across the country; and select EPA information on brownfields, hazardous wastes, air pollution and waste water discharges. Content Purpose: The image service is intended to be displayed using Web applications or GIS tools, such as ArcExplorer Java, that can display ArcIMS image services. The data can be used for analytical or visualization purposes.	Real Estate Data,Socioeconomic Data,Cultural Data,housing,community development	National	http://hud.esri.com/egis/
201	Pop	American Factfinder	U.S. Census Bureau	The data dissemination tool for accessing and mapping Census 2000 and other census data.	Census Data	National	http://factfinder.census.gov/jsp/saff/SAFFInfo.jsp?_pageld=gn7_maps

202	Pop	BEA Measures of Local Area Personal Income	BEA	Content Summary: Select from the following categories and then download data at the state or county level: Personal income and population summary estimates (CA1-3) Detailed income and employment tables by NAICS industry, 2001-2002 (CA05 and CA25) Detailed income and employment tables by SIC industry, 1969-2000 (CA05 and CA25) Detailed tables of regional profiles, personal current transfers, farm income, 1969-2002 (CA30-CA45) Wage and salary summary estimates (CA34) Single line of data for all counties (3183 rows returned)	Personal income and population summary estimates (CA1-3) Detailed income and employment tables by NAICS industry 2001-2002 (CA05 and CA25) Detailed income and employment tables by SIC industry 1969-2000 (CA05 and CA25) Detailed tables of regional profiles, personal current transfers, farm income, 1969-2002 (CA30-CA45) Single line of data for all counties (more than 3000 rows returned; please limit years selected to speed process) Wage and salary summary estimates (CA34) 1969-2003, compensation by NAICS industry 2001-2003 (CA06), compensation by SIC industry 1998-2000 (CA06) (You will be redirected to a new page) AND Additional files CA1-3— Personal income, per capita personal income, and population, compressed comma-separated-value (CSV) files Personal income and per capita personal income,	National, region, States	http://www.bea.doc.gov/bea/regional/reis/
203	Pop	CO CDPHE/CHEIS GIS Database	CO Department of Public Health and Environment	The Colorado Health Information Dataset (CoHID) allows access to local-level health data compiled by the Colorado Department of Public Health and Environment to help users determine the health status of a neighborhood, community, county, or region in Colorado	Birth data since 1990 by county, zip code, and census tract. Death data since 1990 by county and zip code. Population estimates from the Demography Section of the Colorado Division of Local Government since 1990 by county. Behavioral Risk Factor Surveillance System data since 1990 for larger counties and Planning and Management Regions (PMRs). Birth defect data for Colorado residents live born 1998-2002. Cancer incidence data collected by The Colorado Central Cancer Registry. Pregnancy Risk Assessment Monitoring System (PRAMS) data for Colorado residents 1997-2002. Injury hospitalization statistics for Colorado residents 1995-2003. Tobacco attitudes and behaviors 2001 data for adult and youth tobacco use, attitudes towards tobacco-related issues, and changes over time.	State	http://www.cdph.state.co.us/gis/
204	Pop	NDSDC Population and Economic Statistics	North Dakota State Data Center, ND State University	In cooperation with the U.S. Bureau of the Census, the North Dakota State Data Center receives and distributes economic and demographic information through the lead agency at North Dakota State University. The center responds to requests, conducts research, compiles information, and disseminates research findings to meet the demographic and economic needs of North Dakota.	Agriculture Children and Youth Decennial Census Economics Estimates Health Housing Migration Profiles Projections	State	http://www.ndsu.nodak.edu/sdc/
205	Pop Bound	US Census Bureau Clearing House	U.S. Census Bureau	US Census Bureau Clearing House	Topics include Statistical Abstract and other Compendia, Decennial Census, TIGER and Related Products, Foreign Trade, Economic Census, County Business Patterns, Building Permits, County Business Patterns, Housing, Current Population Survey, 1990 Decennial Census, Economic Census and Surveys, Survey of Income and program Participation.	National	http://www.census.gov/geo/www/index.html

Categ	Database Title	Organization	Description	Data Products	Spatial Extent	Website
206	Pop Bound Env	NOAA Coastal Services	<p>The Ocean Planning Information System (OPIS), developed by the NOAA Coastal Services Center (Center), in partnership with the states of North and South Carolina, Georgia, and Florida, provides the coastal management community with access to regional geo-referenced regulatory and environmental spatial data critical to timely, integrated decision making and analysis.</p> <p>Major components of the project are as follows:</p> <p>State and Federal legislative summaries (as well as full-text versions in U.S. Code and Code of Federal Regulations) Federal agency and programmatic information Issue-based sections Spatial data and metadata On-line mapping</p>	Economic Resources Federal Jurisdictions Geo-Regulations Hazards Living Resources Marine Protected Areas Ocean Uses Physical Resources Political Boundaries	National	http://www.csc.noaa.gov/opis/ and http://www.csc.noaa.gov/opis/html/data.htm
207	Pop LU Bound	University of Arizona	Spatial datasets at U of AZ	ArcAtlas [location in Library] ArcScene World Tour [location in Library] ArcUSA [location in Library] ArcWorld [location in Library] Census of Agriculture [A 92.53/56:997 Gov't Documents] Digital Chart of the World [location in Library] Digital Orthophoto Quadrangle (DOQ), Arizona [location in Library] ESRI Data and Maps [location in Library] ESRI U.S. Street Database [location in Library] LandView III: Environmental Mapping Software [location in Library] Pima County Land Information System [location in Library] Pro/filer 1990 U.S. Census Data [location in Library] [description] U.S. Census CD - 1980 [HA201 1980 .C42 Main] U.S. Census CD + Maps - 1990 [HA201 1990 .C42 Main] U.S. Census CD Blocks - 1990 [HA201 1990 .C43 Main] U.S. Census CD 2000 Short Form [Information Commons Reference CD-ROM cabinet] U.S. Census CD 2000 Redistricting Data [Information Commons Reference CD-ROM cabinet] U.S. Census 2000 Blocks [Information Commons Reference CD-ROM cabinet] U.S. Census 2000 Short Form Blocks [Information Commons Reference CD-ROM cabinet]	National, State and County	http://dizzy.library.arizona.edu/library/teams/ssf/geo/guide/gis/arizona.html

208	Pop Trans	Data Resources For Real Estate & Business Geography	Thrall, Grant Ian. 2001. "Data Resources For Real Estate And Business Geography Market Analysis: A Comprehensive Structured Annotated Bibliography," Journal of Real Estate Literature 9(2): 175-225. Thanks to the American Real Estate Society agreeing to publish on the Internet as part of Geospatial One-Stop this updated version of the original manuscript from their Journal of Real Estate Literature.	Content Summary: Spatial relationships are highly significant in real estate. Therefore real estate, appraisal and various regulatory agencies require business geography. This section is the result of a team effort of the American Real Estate Society. Key references are Grant Thrall, 2002, Business Geography and New Real Estate Market Analysis, Oxford); and 2001. Data Resources For Real Estate And Business Geography Market Analysis: A Comprehensive Structured Annotated Bibliography, Journal of Real Estate Literature 9(2): 175-225 .	Weblinks to datasets under the following categories: 1. Market-Level Economic Base Research Sources 1.1 Population 1.1.1 Historical Counts 1.1.2 Current Estimates and Forecasts 1.2 The Economy 1.2.1 Employment, Labor, And Related Economic Indicators 1.2.1.1 Major Employers 1.2.1.2 Labor Productivity 1.2.1.3 Unemployment Rate 1.2.1.4 Employee Wages Salaries And Benefits 1.2.1.5 Educational Attainment 1.2.2 Other Economic Indicators 1.2.2.1 Cost of Housing 1.2.2.2 Taxes And Government Expenditures 1.2.2.3 Bond (Credit) Rating	National	http://www.clas.ufl.edu/users/thrall/research/jre_l_data/
209	Pop Trans LU	Awaiting email from Jim Beneson	Awaiting email from Jim Beneson	New Mexico apparently has GIS socioeconomic data for the 2000 census, transportation network data for 2001 and land use for 2001, also. Our department GIS specialist can assist in getting this to you, let me know what the process is for that.	GIS socioeconomic data for the 2000 census, transportation network 2001; 2001 land use.	State	Awaiting email from Jim Beneson
210	Tool	Georgia Institute of Technology-Goddard Ozone Chemistry Aerosol Radiation and Transport (GOCART) Model	NASA	The GOCART model uses a dust emission algorithm that quantifies the dust source as a function of the degree of topographic depression. Included aerosols are sulfate, dust, organic carbon, black carbon, and sea salt.	Global Dust Sources	ND by Dust database	http://www.gfdl.noaa.gov/reference/bibliography/2002/mchin0201.pdf
211	Tool	Landscape Analyst	Canaan Valley Institute	The Landscape Analyst is an ArcView GIS (version 3.x) 3rd party extension. ArcView extensions add more functionality to the core software. The Landscape Analyst allows users to assess the current conditions of watersheds, counties and/or regions both visually and quantitatively. It also allows users to simulate potential impacts of future changes to the landscape. The Landscape Analyst depends on users of ArcView having the ESRI created Spatial Analyst Extension loaded on their system. Many of the tools, models and processes in the Landscape Analyst can be performed using the core ArcView software with the Spatial Analyst extension alone but the expertise, time and complexity required to perform such actions would be prohibitive. The Landscape Analyst simplifies and organizes such specialized functions into an interface that can be used by the intermediate ArcView users to make policy decisions regarding the Earth's landscape.	Landscape Level Ecosystem Analysis	ND by Dust database	http://canaanvi.org/gis/landscapeanalyst.asp
212	Tool	Model of Atmospheric Transport and Chemistry (MATCH)	National Science Foundation	Dust transport model.	Global Dust Sources	ND by Dust database	http://www.cgd.ucar.edu/cms/match/new_website/

213	Tool	Spatially-Explicit Wind Erosion Model (SWEMO)	University of Virginia	A spatially explicit wind erosion and dust flux model (SWEMO) that allows estimation of wind erosion and dust flux across a landscape by incorporating spatial distributions of important parameters. This approach provides a powerful basis for trying to understand how vegetation and soil interact in the landscape to create the dust sources. This approach is therefore applicable in trying to understand the most important or persistent dust sources in an area. The goal of SWEMO is to integrate soil and vegetation parameters from field studies or remote sensing in a robust model of dust sources.	Wind Erosion	ND by Dust database	http://www.csr1.ars.usda.gov/wewc/icar5/individuals/71.pdf
214	Tool Anim Env	Grazing Land Applications Software (GLA)	USDA NRCS	GLA is a user-friendly decision support software package developed for the grazing land planner/operator to aid in the inventory of land units, calculate stocking rates, calculate multiple species stocking rates (livestock and wildlife), determine nutritional requirements for grazing livestock and analyze the economic value of treatment alternatives. Each database portion of the program requires population of information which is localized to the area in which it is to be used. The program contains two database modules used to localize specific information for an area and client. These database modules include Animal Resources Database and Plant/Soil Resources Databases. Databases include animal specific information, feedstuff information, soils, plant species, preferences, production levels, etc. The Client module selects from databases to customize and include information on soils, land use, species, production levels specific to an individuals operation to calculate stocking rates	Rangeland Grazing Animal Data	ND by Dust database	http://www.glti.nrcs.usda.gov/projects/gla-info.html
215	Tool Env LU	Recoverability and Vulnerability of Desert Ecosystems (RVDE) project	USGS	Model and data that quantitatively define and spatially describe the vulnerability and recoverability of desert perennial vegetation in the Mojave Desert.	Vegetation Dynamics	ND by Dust database	http://geography.wr.usgs.gov/mojave/rvde/activ_vege.html
216	Tool Env LU	Recoverability and Vulnerability of Desert Ecosystems (RVDE) project	USGS	Prototype models are being developed for soil compaction (both vulnerability and recovery), wind erosion vulnerability, soil crust predictions, and vegetation recovery for a part of the Mojave Desert. As these models are refined and additional models developed, they will be combined into a suite of tools that can be used by land managers to provide input for decisionmaking.	Anthropogenic Disturbances	ND by Dust database	http://wrgis.wr.usgs.gov/MojaveEco/
217	Trans	Tele Atlas (GDT) Dynamap/Canada Street Data	TeleAtlas (GDT)	Represents the graphical boundary file for Canada's 1,604 forward sortation areas (FSAs). The FSA represents the first three digits in a Canadian postal code. The first character in the FSA identifies a Canadian province, territory, or district. The second and third characters help identify the exact area in a city, town, or other geographic location where mail will be delivered. Used extensively by marketers, retailers, and demographers, the FSA boundary file is a cost-effective spatial solution for all areas of business. It is derived from Dynamap/Canada CompuStreets, the definitive line of digital street files for Canada, which was designed to support critical micromarketing and sociodemographic segmentation needs. Dynamap/Canada CompuStreets provides a thorough analysis of the urban and rural landscape of Canada.	The database includes the entire Canadian road fabric containing more than 980,000 named streets and 650,000 addressed streets. The latest release covers more than 1,650 cities, towns, and census subdivisions, which include up to 81.3 percent of the Canadian population.	Canada	http://www.gdtcanada.com/
218	Trans	Grand County Road Data	Grand County Road Dept, State of UT	The Road Department maintains the Grand County Class B Road System for the public to have access and be able to enjoy the many varied activities that are available. From the top of the Book Cliffs to the red-rock canyons to the LaSal Mountains, there are approximately 5100 miles of roads in the County including State Highways, city streets, reservation roads, and private roads. The Department maintains 1385 miles of these roads; 179 miles of paved, 148 miles of graveled, and the remainder natural materials. In addition to the road surface all associated structures (bridges, culverts, signs, etc) are also maintained. The Road Department is funded by fuel taxes paid at the pump.	Grand County Road Map	County	http://www.grandcountyutah.net/roads/index.htm
219	Trans	PAG's 2005_5.shp	Pima Association of Governments (PAG)	2005 Transportation Analysis Zones (TAZ) data set with population and housing for landuse and transportation models	TAZ data	County	not available on the web

220	Trans	USGS Transportation Map Service	USGS	The USGS has developed a map service that contains the best-available public domain transportation data. The sources include GDT Dynamap 2000 data (partial extract for public distribution), acquired by the Bureau of Transportation Statistics; USGS 100K railroads, airports, miscellaneous transportation features.	General Reference Data,Transportation Networks,Transportation Data,transportation road trail railroad	National	http://gisdata.usgs.net/
221	Trans	TeleAtlas (GDT) Dynamap/2000 U.S. Street Data	TeleAtlas GDT	GIS users can download a special Internet-optimized version of TeleAtlas (GDT) Dynamap/2000—a database containing more than 14 million addressed street segments along with postal boundaries, landmarks, and water features. Users can download up to 12 ZIP Codes at a time of Tele Atlas (GDT) premier street network database.	14 million addressed street segments along with postal boundaries, landmarks, and water features.	National	http://www.geographic.com/home/prodservdis/play.cfm?Inid=10
222	Trans	TRANSTAT _The Bureau of Transportation Statistics Mapping Center	Bureau of Transportation Statistics	The Bureau of Transportation Statistics Mapping Center provides access to transportation geospatial data depicting the transportation system in the United States. Use the Mapping Center to download the most recent National Transportation Atlas Database information and the GDT DynaMap 1000 road network acquired for public domain distribution. The Mapping Center also includes a number of applications to and view and analyze transportation-specific information such as highway condition and performance characteristics from the Highway Performance Monitoring System, accidents at rail grade crossings, airline market share, and state and local government transportation-related revenues and expenditures by mode. Content Purpose: These applications will allow you to view the NTAD geographically and download the data in shapefile format.	transportation,NTAD transportation streets roads airports airstrips tunnels railways < http://transtats.bts.gov/datasummary.pdf >	National	http://transtats.bts.gov/MappingCenter.asp
223	Trans	Freight Analysis Framework (FAF)	USDOT	The Freight Analysis Framework (FAF) integrates data from a variety of sources to estimate commodity flows and related freight transportation activity among states, regions, and major international gateways. FAF estimates and forecasts are available for 1998, 2010, and 2020.	Freight Analysis Framework Freight Analysis Framework National Summary [HTML, PDF 1.48MB] Highway Congestion Map (1998) [GIF 31KB, PDF 2.58MB] Highway Congestion Map (2020) [GIF 29KB, PDF 2.6MB] Truck Tonnage by State for 1998 and 2020 [HTML, Excel 83KB] Geographic Zones used in the 2002 Commodity Flow Survey and the forthcoming 2002 Freight Analysis Framework: Map [HTML, PDF 336KB] and List of Zones [HTML, Excel 20KB] Freight Analysis Framework documentation, state and local maps, and data Border Crossing Flows National Border Crossing Flow Maps showing tonnage flows and truck flows between the U.S. and Canada and Mexico. Border crossing flows by state and region. Other Resources Information by State – Provides statistics and maps for individual states. The Freight Story – Describes the implications of the national statistics and maps. Data Sources – Provides links to many of the sources of these statistics and maps.	National, State	http://ops.fhwa.dot.gov/freight/freight_analysis/nat_freight_stats/nat_stat.htm
224	Trans	National Atlas	USGS	The Major Roads of the United States map layer shows the major roads and ferry crossings in the United States that can be represented at a map scale of 1:2,000,000. Most local streets and small roads cannot be portrayed at this scale. The Railroads of the United States map layer shows the major railroads of the conterminous United States and Alaska that can be represented at a map scale of 1:2,000,000. Some small railroads cannot be portrayed at this scale. Descriptive information includes the name of the railroad and the railroad type.	Roads and Railroads	ND by Dust database	http://nationalatlas.gov/

225	Trans	USGS National Map Viewer	USGS	Cartographic Feature Files Roads and Trails theme depicts roads, highways, railroads, and trails on the surface of the Earth.	Roads, railroads, and trails	ND by Dust database	http://edcns17.cr.usgs.gov/EarthExplorer/
226	Trans	WYDOT GIS The Wyoming Road Report	DOT WY	The WYDOT Geographic Information Systems (GIS) Group, part of the GIS-ITS Program, provides GIS applications and services to WYDOT and the public.	Road conditions - related to ITS project	State	http://gis.dot.state.wy.us/
227	Trans Bound	US Census TIGER/Line Files	U.S. Census Bureau	The TIGER/Line files are a digital database of geographic features, such as roads, railroads, rivers, lakes, legal boundaries, census statistical boundaries, etc. covering the entire United States. The data base contains information about these features such as their location in latitude and longitude, the name, the type of feature, address ranges for most streets, the geographic relationship to other features, and other related information. They are the public product created from the Census Bureau's TIGER database. The most recent version is the 2003 TIGER/Line® Files. These files are not graphic images of maps, but rather digital data describing geographic features. To make use of these data, a user must have mapping or GIS software that can import TIGER/Line data. The Census Bureau does NOT provide the TIGER/Line data set in any vendor-specific format. With the appropriate software a user can produce maps ranging in detail from a neighborhood street map to a map of the United States. To date, many local governments have used the TIGER/Line data in applications requiring digital street maps.	Census Bureau Maps Census 2000 Map Series, Online Mapping, Boundary Files and 2000 Centers of Population Cartographic Boundary Files Generalized boundary files in (.shp), (.e00) and (ASCII) formats. Census 2000 Block Relationship Files Census 2000 Census Tract Relationship Files LandView® A Federal Geographic Data Viewer TIGER/CTS!® Census Tract Street Index® Version 4 A tool for HMDA/CRA reporting.	National, County	http://www.census.gov/geo/www/tiger