

This report is online at https://mappingsupport.com/p/surf_gis/list-state-GIS-servers.pdf
If you have previously downloaded this report then you can check this link to make sure you still have the most recent version.

List of 150+ State GIS Servers

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See a mistake? Have relevant information to share? Please send me an email via this contact page: https://mappingsupport.com/p/gmap4_contact.html

As a software developer in the field of online maps I am aware that the each state operates various GIS servers with open data. Anyone with the right tech savvy can access that data. No login credentials are required.

Problem: Up until now there has not been a master list of the internet addresses for all, or at least most, 'public-facing' state GIS servers. No, you will not find this information on <https://www.data.gov/>.

Solution: This report is a first step at fixing this problem. The GIS server addresses listed below were found with simple Google searches. Servers maintained by colleges and universities often have state level GIS data and some of those have been included. A link is also provided for the open data portal for each state.

Want to help? This list is by no means complete. My initial goal has been to find at least some servers for each state. If you know of a state ArcGIS server that is not already listed below and that includes at least some open data (i.e. no login required) please send me an email via the contact link posted above. **Note that I am only looking for the 'top' endpoint for ArcGIS servers. Those links all end in "rest/services"**. ArcGIS servers at colleges and universities are welcome additions since they often have state-specific data. For example, see Kansas.

Tip for finding more GIS servers: Always include "rest/services" with the quote marks in your search string. Also, states tend to follow naming conventions. For example, to look for more GIS servers for Alabama I suggest these two google searches:

alabama.gov "rest/services"
al.us "rest/services"

Caution: Some of the GIS data on these servers will be draft and/or temporary. Also data layers are sometimes renumbered with little to no warning. This will break any maps that are based on the former layer numbers. Another common problem is the use of **gibberish names** to identify data folders/layers/attributes combined with the lack of metadata to translate that gibberish into something useful. And when you want to ask a question about the data usually the GIS server lacks any contact information.

Gmap4: This is an enhanced Google map viewer that I developed that can display **any** public-facing MapServer and ImageServer data. A major upgrade to this GIS-viewing feature is currently being developed and will go ‘live’ sometime in 2018. Gmap4 can also display any WMS tiles, WMTS tiles and XYZ tiles. This browser app can be used by anyone for any **non-commercial** purpose. Gmap4 is a public service project and part of my way to “pay it forward”. For more information please see:

<https://mappingsupport.com/p/gmap4-arcgis-layers-on-google-maps.html>
https://mappingsupport.com/p/gmap4_gis_help.html

Looking for federal GIS servers with open data? I am curating the following list of over 50 Federal GIS servers with open data. More will be added as I find out about them.

https://mappingsupport.com/p/surf_gis/list-federal-GIS-servers.pdf

Looking for county or city GIS servers? Try a Google search. For example, if you search on: chicago “rest/services”

then around hit number 3 or 4 you should see this server

<https://gisapps.cityofchicago.org/arcgis/rest/services>

Your search string should always have “rest/services” including the quotes.

Of course at the county and city level you could simply call or email the GIS staff and ask. Here is one way to phrase the question: Do you have a public-facing ArcGIS server and, if so, what is the rest service endpoint?

Looking for ArcGIS servers for regional planning organizations? So am I! Please send me link to any that you know about. Again, I am looking for the ‘top’ endpoint for ArcGIS servers. These links all end in “rest/services”.

Data.gov and GeoPlatform: These two websites can also help you find GIS servers. Enter your search criteria and then in the left sidebar find the “Format” section and select “Esri REST”. You can also add a filter so you only see hits from state governments. The hits will be for ArcGIS layers. In other words, these two sites index the ‘bottom’ of GIS servers. By contrast, this PDF report shows you the ‘top’ of the GIS servers. One advantage of these two sites is that you may find metadata that is not present when you look at the GIS server page for the same data. But be aware that many (most?) of the GIS layers on the various federal servers have not been submitted by the server administrators for inclusion on data.gov or geoplatform.

http v. https: If you find a GIS server that starts with http:// then change the link to https:// and see if that works. If so then you should use the https version of the server link.

U.S. National Grid: To display the U.S. National Grid (USNG) on top of any data, click Menu ==> UTM - USNG - LatLng ==> USNG. FEMA has adopted USNG as the coordinate system it will use for ground operations. [Directive 092-5](#).

Alabama

Alabama Open Data

Website: <http://data-alabama.opendata.arcgis.com/>

Various layers

GIS: <https://maps.alabama.gov/algogis/rest/services>

Alabama Department of Conservation and Natural Resources

Website: <http://www.outdooralabama.com/>

GIS: <https://conservationgis.alabama.gov/adcnrweb/rest/services>

Alabama Geological Survey and Oil & Gas Board

Website: <https://www.gsa.state.al.us/>

GIS: <https://map.gsa.state.al.us/ogbmaps/rest/services>

GIS: <https://map.ogb.state.al.us/ogbmaps/rest/services>

Alaska

Alaska State Geo-Spatial Data Clearinghouse

Website: <http://www.asgdc.state.ak.us/>

Alaska Department of Environmental Conservation

Website: <https://dec.alaska.gov/>

GIS: <https://dec.alaska.gov/arcgis/rest/services>

Alaska Division of Forestry

Website: <http://forestry.alaska.gov/>

GIS: <http://forestrymaps.alaska.gov/arcgis/rest/services>

not https

Tanana Chiefs Conference

Website: <https://www.tananachiefs.org/>

GIS: <https://gis.tananachiefs.org/arcgis/rest/services>

Arizona

Arizona - AZGEO - Open Data

Website: <http://azgeo-azland.opendata.arcgis.com/>

GIS: <https://azgeo.az.gov/arcgis/rest/services>

Various layers

GIS: <https://arcgis.azgfdportal.com/arcgis/rest/services>

Services directory disabled

GIS: <https://azhgis2.esri.com/arcgis/rest/services>

Services directory disabled

Arkansas

Arkansas GIS Office

Website: <http://gis.arkansas.gov/>

GIS: <https://gis.arkansas.gov/arcgis/rest/services>

GIS: <http://geostor.arkansas.gov/ArcGIS/rest/services> not https

Arkansas Game and Fish Commission

Website: <https://www.agfc.com/en/>

GIS: <https://gis.agfc.com/arcgis/rest/services>

California

California Open Data Portal

Website: <https://data.ca.gov/>

Various layers

GIS: <https://services.gis.ca.gov/arcgis/rest/services>

GIS: <https://conservation1.arcgisonline.com/arcgis/rest/services>

GIS: <https://conservation2.arcgisonline.com/arcgis/rest/services>

California Natural Resources Agency

Website: <http://resources.ca.gov/>

GIS: <https://gis.cnra.ca.gov/arcgis/rest/services>

California Department of Water Resources

Website: <http://www.water.ca.gov/>

GIS: <https://gis.water.ca.gov/arcgis/rest/services>

California Water Resources Control Board

Website: <https://www.waterboards.ca.gov/>

GIS: <https://gispublic.waterboards.ca.gov/arcgis/rest/services/>

California Statewide Groundwater Elevation Monitoring (CASGEM)

Website: <http://www.water.ca.gov/groundwater/casgem/>

GIS: <https://casgemgis.water.ca.gov/ArcGIS/rest/services>

California Department of Fish and Wildlife

Website: <https://www.wildlife.ca.gov/>

GIS: <https://map.dfg.ca.gov/arcgis/rest/services>

California Energy Commission

Website: <http://www.energy.ca.gov/>

Website Open Data: <https://cecgis-caenergy.opendata.arcgis.com/>

GIS: <https://services3.arcgis.com/bWPjFyq029ChCGur/ArcGIS/rest/services>

Only FeatureServer data

Colorado

Colorado Open Data Catalog

Website: <http://data.opencolorado.org/>

Various layers

GIS: <https://gis.colorado.gov/public/rest/services>

Colorado Department of Transportation

Website: <https://www.codot.gov/>

GIS: <https://dtdapps.coloradodot.info/arcgis/rest/services>

Colorado Department of Public Health and Environment

Website: <https://www.colorado.gov/cdphe>

GIS: <https://maps.dphe.state.co.us/ArcGIS/rest/services>

Colorado State University - Colorado Atlas: Parks, Hunting and Fishing

Website: <https://ndismaps.nrel.colostate.edu/index.html>

GIS: <https://ndismaps.nrel.colostate.edu/arcgis/rest/services>

Connecticut

Connecticut Open Data

Website: <https://data.ct.gov/>

GIS: <https://www.ctgismaps2.ct.gov/arcgis/rest/services>

University of Connecticut - Environmental Conditions Online

Website: <http://www.cteco.uconn.edu/>

GIS: <https://cteco.uconn.edu/ctmaps/rest/services/>

GIS: <https://cteco.uconn.edu/ctraster/rest/services/>

Delaware

Delaware Open Data

Website: <https://data.delaware.gov/>

Delaware First Map

Website: <https://firstmap.delaware.gov/>

GIS: <https://firstmap.gis.delaware.gov/arcgis/rest/services>

Delaware Department of Natural Resources and Environmental Control

Website: <http://www.dnrec.delaware.gov/Pages/Portal.aspx>

GIS: <https://mapservices.dnrec.delaware.gov/ArcGIS/rest/services>

Florida

Florida Geographic Data Portal

Website: <http://myflorida-floridadisaster.opendata.arcgis.com/>

Florida Department of Environmental Protection

Website: <https://floridadep.gov/>

GIS: <https://ca.dep.state.fl.us/arcgis/rest/services>

Florida Disaster

Website: <https://www.floridadisaster.org/>

GIS: <https://map.floridadisaster.org/GIS/rest/services>

Florida Department of Health

Website: <http://www.floridahealth.gov/>

GIS: <https://gis.flhealth.gov/arcgis/rest/services>

Florida Fish and Wildlife Conservation Commission

Website: <http://myfwc.com>

GIS: <https://ocean.floridamarine.org/arcgis/rest/services>

GIS: <http://atoll.floridamarine.org/arcgis/rest/services>

Southwest Florida Water Management District

Website: <http://www.swfwmd.state.fl.us/>

GIS: <https://www25.swfwmd.state.fl.us/arcgis10/rest/services>

Georgia

Georgia Open Data

Website: <http://data-georgiagio.opendata.arcgis.com/>

Georgia Department of Transportation

Website: <http://www.dot.ga.gov/>

GIS: <https://gis10.dot.ga.gov/ArcGIS/rest/services>

Georgia Coastal Regional Commission

Website: <http://www.crc.ga.gov/>

GIS: <https://maps.crc.ga.gov/crcarcgis/rest/services>

University of Georgia - Institute of Government

Website: <https://cviog.uga.edu/information-technology/>

GIS: <https://maps.itos.uga.edu/arcgis/rest/services>

Atlanta Regional Commission
Website: <https://atlantaregional.org/>
Open data portal: <http://opendata.atlantaregional.com/>
GIS: <https://arcgis.atlantaregional.com/arcgis/rest/services>

Hawaii

Hawaii Geospatial Data Portal
Website: <http://geoportal.hawaii.gov/>

Various layers
GIS: <https://geodata.hawaii.gov/arcgis/rest/services>
Here is an excel file with a nice list of the layers on this server
http://files.hawaii.gov/dbedt/op/gis/data/REST_Map_Service_Cross_Walk.xlsx

Idaho

Idaho Enterprise Open Data Portal
Website: <http://data.gis.idaho.gov/>

Idaho Geospatial Data Clearinghouse
Website: <http://inside.uidaho.edu/>
GIS: <http://insideidaho.org/ArcGIS/rest/services> not https
GIS: <https://cloud.insideidaho.org/ArcGIS/rest/services>

Idaho Fish and Game
Website: <https://idfg.idaho.gov/>
GIS: <https://fishandgame.idaho.gov/gis/rest/services>

Idaho Department of Water Resources
Website: <https://www.idwr.idaho.gov/>
GIS: <https://maps.idwr.idaho.gov/arcgis/rest/services>

Idaho Department of Environmental Quality
Website: <http://www.deq.idaho.gov/>
GIS: <http://global.deq.idaho.gov/arcgis/rest/services> not https

Idaho State University - GIS Center
Website: <http://giscenter.isu.edu/>
<http://ags.giscenter.isu.edu/arcgis/rest/services>

Illinois

Illinois Data Portal
Website: <https://data.illinois.gov/>

Illinois Emergency Management Agency
Website: <https://www.illinois.gov/iema/Pages/default.aspx>
GIS: <https://gisweb.iema.state.il.us/ArcGIS/rest/services>

Illinois Department of Natural Resources
Website: <https://www.dnr.illinois.gov/Pages/default.aspx>
GIS: <http://geoservices.dnr.illinois.gov/arcgis/rest/services>

not https

Illinois Environmental Protection Agency
Website: <http://www.epa.illinois.gov/>
GIS: <https://geoservices.epa.illinois.gov/arcgis/rest/services>

Illinois Department of Transportation
Website: <http://www.idot.illinois.gov/>
GIS: <https://ags10.dot.illinois.gov/ArcGIS/rest/services>

Indiana

Indiana Data Sharing
Website: <https://www.in.gov/gis/datashare.htm>

Various layers
GIS: <https://gis.in.gov/arcgis/rest/services>
GIS: <https://imagery.gis.in.gov/arcgis/rest/services>

Indiana University Bloomington - GIS
Website: <http://geography.indiana.edu/research/gis.shtml>
GIS: <https://maps.indiana.edu/arcgis/rest/services>

Iowa

Iowa Open Data Portal
Website: <https://data.iowa.gov/>

Iowa Department of Natural Resources
Website: <http://www.iowadnr.gov/>
GIS: <https://programs.iowadnr.gov/geospatial/rest/services>

Iowa Department of Transportation
Website: <https://www.iowadot.gov/#/services>
GIS: <https://gis.iowadot.gov/public/rest/services>

Iowa State University GIS Support and Research Facility
Website: <https://www.gis.iastate.edu/gisf>
GIS: <https://ortho.gis.iastate.edu/arcgis/rest/services>

Kansas

Kansas GIS - Data Access and Support Center (DASC)

Website: <https://kansasgis.org/>

GIS: <http://mapserver.kansasgis.org/arcgis/rest/services>

GIS: <http://services.kansasgis.org/arcgis/rest/services>

not https

not https

Kansas Department of Transportation

Website: <http://www.ksdot.org/>

GIS: https://wfs.ksdot.org/arcgis_web_adaptor/rest/services

University of Kansas - Applied Remote Sensing (KARS)

Website: <http://kars.ku.edu>

GIS: <http://kars.ku.edu/arcgis/rest/services>

GIS: <https://services.kars.ku.edu/arcgis/rest/services>

not https

Kentucky

Kentucky Open GIS Data

Website: <http://kygovmaps-kygeonet.opendata.arcgis.com/>

Various layers

GIS: <https://kygissserver.ky.gov/arcgis/rest/services>

Kentucky Transportation Cabinet (KYTC)

Website: <https://transportation.ky.gov/Pages/default.aspx>

GIS: <https://maps.kytc.ky.gov/arcgis/rest/services>

University of Kentucky - Kentucky Geological Survey (KGS)

Website: <http://www.uky.edu/KGS/>

GIS: <https://kgs.uky.edu/arcgis/rest/services>

Louisiana

Louisiana Geographic Information Center

Website: <http://lagic.lsu.edu/>

Louisiana Department of Wildlife and Fisheries

Website: <http://www.wlf.louisiana.gov/>

GIS: <http://gis.wlf.la.gov/arcgis/rest/services>

Coastal Information Management System (CIMS)

Website: <https://cims.coastal.la.gov/>

GIS: <http://cimsgeo.coastal.louisiana.gov/arcgis/rest/services>

Louisiana Department of Transportation and Development
Website: <http://wwwsp.dotd.la.gov/Pages/default.aspx>
GIS: <http://gisweb.dotd.la.gov/ArcGIS/rest/services>

Maine

Maine Open Data Portal
Website: <https://data.maine.gov/>

Various layers
GIS: <https://arcgisserver.maine.gov/arcgis/rest/services>
GIS: <https://gis2.maine.gov/arcgis/rest/services>

Maryland

Maryland Mapping & GIS Data Portal
Website: <http://imap.maryland.gov/Pages/default.aspx>
GIS: <http://geodata.md.gov/imap/rest/services> not https
GIS: <https://geodata.md.gov/appdata/rest/services>
GIS: <https://imagery.geodata.md.gov/imap/rest/services>

Maryland Department of Transportation
Website: <http://www.mdot.maryland.gov/>
GIS: <http://maps.roads.maryland.gov/ArcGIS/rest/services> not https

Massachusetts

MassData - Open Data
Website: <http://www.mass.gov/opendata/#/>
GIS: <http://tiles.arcgis.com/tiles/hGdibHYSPO59RG1h/arcgis/rest/services>
GIS: <http://gisprpxy.itd.state.ma.us/ArcGISServer/rest/services>

Massachusetts Department of Transportation
Website: <http://www.massdot.state.ma.us/>
GIS: <https://services.massdot.state.ma.us/ArcGIS/rest/services>

Cape Cod Commission
Website: <http://www.capecodcommission.org/>
GIS: <https://gis-services.capecodcommission.org/arcgis/rest/services>

Michigan

Michigan GIS Open Data
Website: <http://gis-michigan.opendata.arcgis.com/>
GIS: <https://gisago.mcgi.state.mi.us/arcgis/rest/services>
GIS: <https://gisago-qa.mcgi.state.mi.us/arcgis/rest/services>

Minnesota

Minnesota Geographic Data Clearinghouse

Website: <http://www.mngeo.state.mn.us/chouse/data.html>

Various layers

GIS: <https://app.gisdata.mn.gov/arcgis/rest/services>

GIS: <https://gis2.metc.state.mn.us/arcgis/rest/services>

GIS: <http://geoserver.state.mn.us/arcgis/rest/services> not https

Minnesota Department of Transportation

Website: <http://www.dot.state.mn.us/>

GIS: http://mndotgis.dot.state.mn.us/egis12/rest/services/CACHED/MNDOT_CACHE_LITE/MapServer not https

The other layers on this server are not public-facing

Minnesota Department of Natural Resources

Website: <http://www.dnr.state.mn.us/index.html>

GIS: <https://arcgis.dnr.state.mn.us/arcgis/rest/services>

Minnesota Department of Education

Website: <http://education.state.mn.us/mde/index.html>

GIS: <https://w20.education.state.mn.us/arcgis/rest/services>

Minnesota Pollution Control Agency

Website: <https://www.pca.state.mn.us/>

GIS: <https://pca-gis02.pca.state.mn.us/arcgis/rest/services>

Mississippi

Mississippi Open Data

Website: <http://opendata.gis.ms.gov/>

Various layers

GIS: <http://gis.ms.gov/arcgis/rest/services>

GIS: <https://gisonline.ms.gov/ArcGIS/rest/services>

not https

Mississippi Department of Environmental Quality

Website: <https://www.deq.state.ms.us/>

GIS: <https://gis.deq.ms.gov/ArcGIS/rest/services>

Mississippi Department of Transportation

Website: <http://mdot.ms.gov/portal/home.aspx>

GIS: <http://arcgis.gomdot.com/MDOTArcGIS10/rest/services/external> not https

Missouri

Missouri Data Portal

Website: <https://data.mo.gov/>

Various layers

GIS: <https://emgis.oa.mo.gov/arcgis/rest/services>

Missouri Office of Geospatial Information

Website: <https://oa.mo.gov/information-technology-itsd/it-governance/office-geospatial-information>

GIS: <https://ogi.oa.mo.gov/ArcGIS/rest/services>

Missouri Department of Conservation

Website: <https://mdc.mo.gov/>

GIS: <https://gisblue.mdc.mo.gov/arcgis/rest/services>

Missouri Department of Transportation

Website: <http://www.modot.org/>

GIS: <http://mapping.modot.org/arcgis/rest/services>

not https

University of Missouri Spatial Data Information Service

Website: <http://msdis.missouri.edu/>

GIS: <https://moimagery.missouri.edu/ArcGIS/rest/services>

GIS: <http://msdisweb.missouri.edu/arcgis/rest/services>

Montana

Montana Geographic Information Clearinghouse

Website: <http://geoinfo.msl.mt.gov/data>

GIS: <https://gisservicemt.gov/arcgis>

Montana Department of Transportation

Website: <http://www.mdt.mt.gov/>

GIS: <https://app.mdt.mt.gov/arcgis/rest/services>

Montana Fish, Wildlife and Parks

Website: <http://fwp.mt.gov/>

GIS: <https://gis.fwp.mt.gov/arcgis101/rest/services>

Nebraska

Nebraska Open Data

Website: <http://www.nebraska.gov/government/open-data/>

Various layers

GIS: <https://prodmaps.ne.gov/public/rest/services>

Nebraska Game and Parks Commission
Web site: <http://outdoornebraska.gov/>
GIS: <https://maps.outdoornebraska.gov/arcgis/rest/services>

Nevada

Nevada Clearinghouse for Geographic Information
Website: <http://www.nbmgs.unr.edu/Maps&Data/VirtualClearinghouse.html>

Nevada Division of Environmental Protection
Website: <https://ndep.nv.gov/>
GIS: <http://ndep-emap.nv.gov/ArcGIS/rest/services> not https

Nevada Department of Wildlife
Website: <http://www.ndow.org/>
GIS: <http://gis.ndow.nv.gov/arcgis/rest/services> not https

Regional Transportation Commission of Southern Nevada
Website: <https://www.rtcnv.com/>
GIS: <https://gis.rtcnv.com/arcgis/rest/services>

New Hampshire

New Hampshire Geographic Information System Clearinghouse
Website: <http://www.granit.unh.edu/>

New Hampshire Department of Environmental Services
Website: <https://www.des.nh.gov/>
GIS: <http://www4.des.state.nh.us/arcgis/rest/services>

New Jersey

New Jersey GIS Open Data Clearinghouse
Website: <http://njogis-newjersey.opendata.arcgis.com/>

Various layers
GIS: <https://geodata.state.nj.us/arcgis/rest/services>

North Jersey Transportation Planning Authority
Website: <http://www.njtpa.org/home>
GIS: <http://gis.njtpa.org/arcgis/rest/services> not https

New Mexico

New Mexico Resource Geographic Information System
Website: <http://rgis.unm.edu/rgis-new-data-portal/>

New Mexico Broadband Program
Website: <http://www.doit.state.nm.us/broadband/>
GIS: <https://nmbbmapping.org/arcgis/rest/services>

New Mexico Environment Department
Website: <https://www.env.nm.gov/>
GIS: <http://x-23-q.env.state.nm.us:6080/arcgis/rest/services> not https

New Mexico Office of State Engineer
Website: <http://www.ose.state.nm.us/>
GIS: <https://services2.arcgis.com/qXZbWTdPDdTjI7Dy/ArcGIS/rest/services/FeatureServer> only

New York

New York Open Data
Website: <http://gis.ny.gov/gisdata/>

Various layers
GIS: <https://spatial.gishost.com/arcgis/rest/services>

New York State Office of Information Technology Services
Website: <https://its.ny.gov/>
GIS: <https://gisservices.its.ny.gov/arcgis/rest/services>
GIS: <https://elevation.its.ny.gov/arcgis/rest/services>

New York Division of Homeland Security & Emergency Services
Website: <http://www.dhSES.ny.gov/>
GIS: <https://gisservices.dhSES.ny.gov/arcgis/rest/services>
GIS: <https://orthos.dhSES.ny.gov/ArcGIS/rest/services>

New York Department of Transportation
Website: <https://www.dot.ny.gov/index>
GIS: <https://gis3.dot.ny.gov/arcgis/rest/services>

New York Department of State
Website: <https://www.dos.ny.gov/>
GIS: <http://opdgig.dos.ny.gov/arcgis/rest/services> not https

New York Thruway Authority
Website: <http://www.thruway.ny.gov/index.shtml>
GIS: <https://services2.arcgis.com/gubH6kG9JCA5MX2M/ArcGIS/rest/services>
Only **FeatureServer** data

Adirondack Park Agency

Website: <https://apa.ny.gov/>

GIS: <https://services2.arcgis.com/8krRUWgifzA4cgL3/ArcGIS/rest/services>

Only **FeatureServer** data

North Carolina

North Carolina Geospatial Data

Website: <http://www.nconemap.com/>

Various layers

GIS: <https://tiles1.arcgis.com/tiles/YfqBAUM5nWR3yhGP/arcgis/rest/services>

North Carolina OneMap

Website: <http://www.nconemap.com/>

GIS: <https://services.nconemap.gov/secure/rest/services>

North Carolina Department of Transportation

Website: <https://www.ncdot.gov/>

GIS: <https://gis11.services.ncdot.gov/arcgis/rest/services>

North Carolina Department of Commerce

Website: <https://www.nccommerce.com/>

GIS: <http://accessnc.commerce.state.nc.us/arcgis/rest/services> not https

North Carolina Department of Natural and Cultural Resources

Website: <https://www.ncdcr.gov/>

GIS: <http://gis.ncdcr.gov/ArcGIS/rest/services> not https

North Carolina Multi-Hazard Threat Database

Website: <https://www.ncmhtd.com/>

GIS: <http://www.ncmhtd.com/arcgis/rest/services>

North Carolina Department of Environmental Quality

Website open data portal: <http://data-ncdenr.opendata.arcgis.com/>

GIS: <https://services2.arcgis.com/kCu40SDxsCGcuUWO/arcgis/rest/services>

Only **FeatureServer** data

North Dakota

North Dakota Geographic Information Systems

Website: <https://www.nd.gov/itd/statewide-alliances/gis>

North Dakota GIS Hub

Website: <https://www.nd.gov/itd/statewide-alliances/gis>

GIS: <https://ndgishub.nd.gov/arcgis/rest/services>

North Dakota Department of Transportation
Website: <https://www.dot.nd.gov/>
GIS: <https://gis.dot.nd.gov/arcgis/rest/services/external>

Ohio

Ohio Spatial Information Portal
Website: <http://ogrip.oit.ohio.gov/servicesdata/geohiospatialinformationportal/about/geohiospatialinformationportal.aspx>

Ohio Office of Information Technology
Website: <http://www.das.ohio.gov/Divisions/Information-Technology>
GIS: <https://gis5.oit.ohio.gov/ArcGIS/rest/services>
GIS: <https://geo.oit.ohio.gov/arcgis/rest/services>

Ohio Department of Natural Resources
Website: <http://ohiodnr.gov/>
GIS: <https://gis.ohiodnr.gov/ArcGIS/rest/services>

Ohio Environmental Protection Agency
Website: <http://www.epa.state.oh.us/>
GIS: <http://epagis1.oit.ohio.gov/arcgis/rest/services> not https

Ohio Department of Transportation
Website: <http://www.dot.state.oh.us/pages/home.aspx>
GIS: <https://odotgis.dot.state.oh.us/arcgis/rest/services>

Oklahoma

Oklahoma Open Data
Website: http://okmaps.onenet.net/digital_data.htm

Oklahoma Department of Environmental Quality
Website: <http://www.deq.state.ok.us/>
GIS: <http://gis.deq.ok.gov/ArcGIS/rest/services> not https

Oklahoma Water Resources Board
Website: <https://www.owrb.ok.gov/>
GIS: <http://rest.owrb.ok.gov/ArcGIS/rest/services> not https

Oklahoma Department of Agriculture, Food and Forestry
Website: <https://www.ag.ok.gov/>
GIS: <http://maps.ag.ok.gov/arcgis/rest/services> not https

Oklahoma Department of Transportation

Website: <https://ok.gov/odot/>

GIS: <http://services6.arcgis.com/RBtoEUQ2lmN0K3GY/arcgis/rest/services/>

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Oregon

Oregon Open Data Portal

Website: <https://data.oregon.gov/>

Various layers

GIS: <https://navigator.state.or.us/ArcGIS/rest/services>

GIS: <https://maps.prd.state.or.us/arcgis/rest/services>

Oregon Department of Transportation

Website: <http://www.oregon.gov/ODOT/Pages/index.aspx>

GIS: <https://gis.odot.state.or.us/ArcGIS/rest/services>

Oregon State University GIS

Website: <http://ceoas.oregonstate.edu/giscience/graduate/>

GIS: <http://lib-arcgis5.library.oregonstate.edu/arcgis/rest/services>

Pennsylvania

Pennsylvania Open Data

Website: <https://data.pa.gov/>

Pennsylvania Spatial Data Access (PASDA)

Website: <http://www.pasda.psu.edu/>

GIS: <http://maps.pasda.psu.edu/ArcGIS/rest/services>

Pennsylvania Fish and Boat Commission

Website: <http://www.fishandboat.com/Pages/default.aspx>

GIS: <https://fbweb.pa.gov/arcgis/rest/services>

Services directory disabled

Pennsylvania Department of Transportation

Website: <http://www.penndot.gov/Pages/default.aspx>

GIS: <https://www.pdarcgissvr.pa.gov/penndotgis/rest/services>

Rhode Island

Rhode Island Maps and Data

Website: <http://www.rigis.org/>

Rhode Island Department of Health
Website: <http://www.health.state.ri.us/>
GIS: <https://welltesting.health.ri.gov/arcgis/rest/services>

South Carolina

South Carolina Geographic Information Systems
Website: <http://www.gis.sc.gov/data.html>

Various layers
GIS: <https://ags2.scgov.net/arcgis/rest/services>

South Carolina Department of Health and Environmental Control
Website: <http://www.scdhec.gov/>
GIS: <https://gisweb01vm.dhec.sc.gov/arcgis/rest/services> **Services directory disabled**

South Dakota

South Dakota Open Data
Website: <http://opendata-sdbit.opendata.arcgis.com/>

Various layers
GIS: <https://arcgis.sd.gov/arcgis/rest/services>

Tennessee

Tennessee Open Data Portal
Website: <http://tn-tnmap.opendata.arcgis.com/>

Various layers
GIS: <https://tnmap.tn.gov/arcgis/rest/services>

Tennessee Emergency Management Agency
Website: <http://www.tnema.org/>
GIS: <https://gis.tnema.org/ArcGIS/rest/services>

Texas

Texas Open Data Portal
Website: <https://data.texas.gov/>

Texas Parks & Wildlife Department
Website: <https://tpwd.texas.gov/>
GIS: <https://tpwd.state.tx.us/arcgis/rest/services>

Railroad Commission of Texas

Website: <http://www.rrc.state.tx.us/>

GIS: <http://www.gisp.rrc.state.tx.us/arcgis/rest/services>

Services directory disabled

not https

Texas Natural Resources Information System

Website: <https://tnris.org/>

GIS: <https://webservices.tnris.org/arcgis/rest/services>

Texas Department of Transportation

Website: <https://www.txdot.gov/>

GIS: <https://maps.dot.state.tx.us/arcgis/rest/services>

Utah

Utah Open Data Catalog

Website: <https://opendata.utah.gov/>

Various layers related to Geology

GIS: <https://maps.geology.utah.gov/arcgis/rest/services>

Utah Trust Lands Administration

Website: <https://trustlands.utah.gov/>

GIS: <https://tlamap.trustlands.utah.gov/arcgis/rest/services>

Utah Department of Transportation

Website: <https://www.udot.utah.gov/main/f?p=100:6:0:::::V,T:,1>

GIS: <https://maps.udot.utah.gov/arcgis/rest/services>

Vermont

Vermont Center for Geographic Information

Website: <http://vcgi.vermont.gov/opendata>

Website open data portal: <http://geodata.vermont.gov/>

Vermont Agency of Transportation

Website: <http://vtrans.vermont.gov/>

GIS: <http://vtransmap01.aot.state.vt.us/arcgis/rest/services>

not https

Vermont Agency of Natural Resources

Website: <http://anr.vermont.gov/>

GIS: <https://anrmaps.vermont.gov/arcgis/rest/services>

Virginia

Virginia Open Data

Website: <http://data.virginia.gov/>

Virginia Information Technologies Agency

Website: <https://www.vita.virginia.gov/>

GIS: <https://gismaps.vita.virginia.gov/arcgis/rest/services>

Virginia Department of Conservation and Recreation

Website: <http://www.dcr.virginia.gov/>

GIS: <https://dswcapps.dcr.virginia.gov/arcgis/rest/services>

Virginia Department of Emergency Management

Website: <http://www.vaemergency.gov/>

GIS: <https://arcgis.vdem.virginia.gov/arcgis/rest/services>

Virginia Department of Transportation

Website: <http://www.virginiadot.org/>

GIS: <http://gis.vdot.virginia.gov/arcgis/rest/services>

not https

Washington

Washington open data portal

Website: <https://data.wa.gov/>

Various layers

GIS: <https://services.arcgis.com/jsIt88o09Q0r1j8h/ArcGIS/rest/services>

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Washington Department of Ecology

Website: <https://ecology.wa.gov/>

GIS: <https://fortress.wa.gov/ecy/ecyprodgislb/arcgis/rest/services>

Washington Recreation and Conservation Office

Website: <https://www.rco.wa.gov/>

GIS: <http://gismanager.rco.wa.gov/arcgis/rest/services>

Washington Department of Transportation

Website: <http://www.wsdot.wa.gov/>

GIS: <https://www.wsdot.wa.gov/arcgis/rest/services>

Washington Department of Fish & Wildlife

Website: <https://wdfw.wa.gov/>

GIS: <https://gispublic.dfw.wa.gov/arcgis/rest/services>

GIS: <https://geodataservices.wdfw.wa.gov/arcgis/rest/services>

West Virginia

West Virginia GIS Data Clearinghouse

Website: <http://wvgis.wvu.edu/data/data.php>

West Virginia Department of Transportation

Website: <http://transportation.wv.gov/Pages/default.aspx>

GIS: <https://gis.transportation.wv.gov/arcgis/rest/services>

West Virginia University GIS Technical Center

Website: <http://wvgis.wvu.edu/>

GIS: <https://services.wvgis.wvu.edu/ArcGIS/rest/services>

Wisconsin

Wisconsin DNR Open Data

Website: <https://www.arcgis.com/home/item.html?id=1088fc5b4a7345c0bcb5a475577674b4>

Wisconsin Department of Natural Resources

Website: <http://dnr.wi.gov/>

GIS: <https://dnrmaps.wi.gov/arcgis/rest/services>

GIS: <https://uadnrmaps.wi.gov/arcgis/rest/services>

Wisconsin Department of Agriculture, Trade and Consumer Protection

Website: <https://datcp.wi.gov/Pages/Homepage.aspx>

GIS: <https://datcpgis.wi.gov/arcgis/rest/services>

Wyoming

Wyoming Geospatial Hub

Website: <http://geospatialhub.org/>

Wyoming Oil and Gas Conservation Commission

Website: <http://wogccms.state.wy.us/flexviewers/unitmap/>

GIS: <http://wogccms.state.wy.us/arcgis/rest/services>

not https

University of Wyoming Geographic Information Science Center

Website: <http://www.uwyo.edu/wygisc/>

GIS: <https://wygiscservices.wygisc.org/arcgis/rest/services>

1-13-2018 down for maintenance