Master Data List

Table of Contents

[Maps 1](#_Toc515358163)

[Spatial Data Analysis Tools 1](#_Toc515358164)

[General DATA Resource Locations 1](#_Toc515358165)

[Specific Resources by Topic 3](#_Toc515358166)

[Gun Violence 3](#_Toc515358167)

[Climate Change 4](#_Toc515358168)

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| --- | --- | --- |
| NCSU Libraries: Map and Atlases | [Link](https://www.lib.ncsu.edu/maps/citingmaps.html) | Says how to site maps from different locations |

# **Maps**

|  |  |  |  |
| --- | --- | --- | --- |
| Organization/Cite | Link | Details | Comment |
| NCSU Libraries: Map and Atlases | [Link](https://www.lib.ncsu.edu/maps/citingmaps.html) |  | Says how to site maps from different locations too |
| Waterloo: Geospatial Centre | [Link](http://www.lib.uwaterloo.ca/locations/umd/digital/citation.html) | Maps from all around world. |  |

# **Spatial Data Analysis Tools**

\* Can only see information, can’t export data.

|  |  |  |  |
| --- | --- | --- | --- |
| Organization/Cite | Link | Details | Comment |
| Great Britain Historical GIS | [Link](http://www.gbhgis.org/) | Data in GB |  |
| Transportation Routs | [Link](https://maps.openrouteservice.org/directions?n1=49.409445&n2=8.692953&n3=13&b=0&k1=en-US&k2=km) | Create own travel routes and see information along path. |  |
| Landscape | [Link](http://langscape.umd.edu/) | Language diversity data set. Online explore data. |  |
| Protected Plant | [Link](https://www.protectedplanet.net/) |  | On protected things. |

# **General DATA Resource Locations**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Organization/Cite | Link | Scale | Historical Records | Details | Comment |
| NASA | [Link](https://earthdata.nasa.gov/) | US, world |  | Go to Data. Earth observation data. Shows data that’s selected. |  |
| NASA: Ocean biology | [Link](https://earthdata.nasa.gov/about/daacs/daac-obdaac) | Global |  |  |  |
| World Bank | [Link](https://data.worldbank.org/) | Global, National | Yes | Socio economic data  General country overview. |  |
| Natural Earth | [Link](http://www.naturalearthdata.com/) | Global  large depth (1:10m), medium depth (1:50m), small depths (1:110m) |  | Boundaries. Split into raster, cultural, and physical. | Very helpful with basic layers of data. |
| UN Data | Link | Global | Yes |  |  |
| UN Environmental Program | [Link](http://geodata.grid.unep.ch/) | Global, national, regional |  | Earth aspects. Restrictions with different countries | Access data through detailed criteria (data set, details about criteria, production of results) |
| US Census Bureau | [Link](https://www.census.gov/geo/maps-data/data/tiger.html) | State, county, charter | Yes | In the US. Geographic features. 1992-2017 | Helpful for map basics |
| Esri: Living Atlas of the world | [Link](https://livingatlas.arcgis.com/en/#s=0) | Everything |  | Hodgepodge of maps made by individuals/ companies |  |
| Internal Displacement | [Link](http://www.internal-displacement.org/database/) | Global, national |  | Human displacement |  |
| ACLED | [Link](https://www.acleddata.com/) | National, regional |  | Data conflicts (armed, war) |  |
| USGS | [Link](https://data.usgs.gov/datacatalog/#fq=dataType%3A(collection%20OR%20non-collection)&q=*%3A*)  [Link](https://viewer.nationalmap.gov/advanced-viewer/) | Global, national, Oceans |  | Environmental data |  |
| USGS: species | [Link](https://bison.usgs.gov/#home) | State | Yes | Animal sightings |  |
| Homeland Infrastructure foundation | [Link](https://respond-harvey-geoplatform.opendata.arcgis.com/) | Global, national, state |  | Land cover/use data | Very helpful, easy to interact with |
| NOAA’s Marine Debris Clearinghouse | [Link](https://clearinghouse.marinedebris.noaa.gov/explore#c2=sortable_title&c14=all&c12=all&c19=all&c18=&c9=&c17=&c8=&b_start=0) | State, county |  | Ocean contamination |  |
| NOAA Fisheries population data | [Link](https://www.fisheries.noaa.gov/resources/blogs) | State, county |  | Layer derived data |  |
| NOAA: Marine Geology and Geophysics | [Link](https://www.ngdc.noaa.gov/mgg/mggd.html) | Global | Depends | Ocean data |  |
| NOAA: Environmental Sensitivity Index | [Link](https://response.restoration.noaa.gov/maps-and-spatial-data/download-esi-maps-and-gis-data.html) | National, oceans | Yes | Oceans and state shoreline |  |
| National Spatial Data Infrastructure (NSDI) | [Link](https://viewer.nationalmap.gov/advanced-viewer/) |  |  | Access data through detailed criteria (data set, details about criteria, production of results) |  |
| United States Department of Agriculture | [Link](http://nassgeodata.gmu.edu/CropScape) | National (US) | Yes | Restrictions with different countries |  |
| US National Historical GIS | [Link](https://www.nhgis.org/) |  | Yes | Population, housing, agricultural, economic data in US (1790-present) |  |
| Social Explorer | [Link](https://www.socialexplorer.com/a9676d974c/explore) |  | Yes | Demographic data. Can see the data when selected. |  |
| Data Catalog | [Link](https://catalog.data.gov/dataset) | Varies |  | Search interest |  |
| World Factbook |  | Country |  | Find specific data point for different countries. Scale: national |  |

# **Specific Resources by Topic**

## Gun Violence

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Organization/Cite | Link | Scale | Historical Records | Details | Comment |
| Gun Violence Archive (GVA) | [Link](http://www.gunviolencearchive.org/) | Points (US) | Yes | GVA will collect and check for accuracy, comprehensive information about gun-related violence in the U.S. and then post and disseminate it online. |  |
| Vox: Gun Violence in perspective | [Link](https://www.vox.com/2014/6/11/5797892/us-world-firearm-ownership-map)  [Link](https://www.vox.com/2015/10/3/9444417/gun-violence-united-states-america) |  |  |  |  |
| The New York Times | [Link](https://www.nytimes.com/2017/11/07/world/americas/mass-shootings-us-international.html?smid=fb-nytimes&smtyp=cur) | Country (world) |  | by countries, shows world relationship |  |
| Pew Research Center: Social and Demographic Trends | [Link](http://www.pewsocialtrends.org/2017/06/22/americas-complex-relationship-with-guns/) |  |  |  |  |

## Climate Change

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Organization/Cite | Link | Scale | Historical Records | Details | Comment |
| CNN | [Link](https://www.cnn.com/2018/02/12/world/sea-level-rise-accelerating/index.html) | Image |  | Satellite observations show sea level rising |  |