# Resources

## Mapbox Resources

| Resource | Description/link |
|---|---|
| Dealing with common uploading errors | https://docs.mapbox.com/help/troubleshooting/uploads/ <br><br> Upload data to Mapbox • www.mapbox.com |
| All Mapbox Tutorials | https://docs.mapbox.com/help/tutorials/ <br><br> Tutorials • www.mapbox.com |
| Suggest trying Choropleth tutorials 1 & 2 | https://docs.mapbox.com/help/tutorials/choropleth-studio-gl-pt-1/ <br> Make a choropleth map, part 1: create a style • www.mapbox.c... <br><br> https://docs.mapbox.com/help/tutorials/choropleth-studio-gl-pt-2/ <br> Make a choropleth map, part 2: add interactivity • www.mapbo... |
| GL-JS Documentation | https://docs.mapbox.com/mapbox-gl-js/api/ <br><br> API Reference • www.mapbox.com |
| How-to video library | https://www.mapbox.com/videos/ <br><br> Library of How-to Videos • www.mapbox.com |

# Introduction to GIS/Web Mapping

**Online classes**

- Penn State e-learning: Introduction to GIS
- Penn State e- learning: Web Mapping
- University of Oregon: Web Mapping
- UC Davis/Coursera: Introduction to GIS fundamentals
- Udemy: QGIS instruction

**Esri** free resources (may need to sign up for an account, but these are free):
- https://www.esri.com/training/catalog/57660c89bb54adb30c94541c/get-started-with-arcmap/
- https://www.esri.com/training/catalog/5b733dab8659c25ea7013f8e/arcmap-fundamentals/

**QGIS** training materials:
- https://docs.qgis.org/3.4/en/docs/training_manual/index.html
- https://www.youtube.com/channel/UCxs7cfMwzgGZhtUuwhny4-Q

# Other Useful Tools

- Data Merger: https://funkeinteraktiv.github.io/geo-data-merger/
- Picking a color scale for scientific graphics: https://betterfigures.org/2015/06/23/picking-a-colour-scale-for-scientific-graphics/amp/?_twitter_impression=true
- Color advice for maps: http://colorbrewer2.org/
- Quick, simple tool for creating, viewing, and sharing maps: http://geojson.io/#map=2/20.0/0.0
- Image color picker: https://imagecolorpicker.com/
- Make a map style by dropping an image on the map with Cartogram: https://apps.mapbox.com/cartogram/#13.01/40.7251/-74.0051

# Where to find data?

https://docs.google.com/spreadsheets/d/1wZhPLMCHKJvwOkP4juclhjFgqIY8fQF
MemwKL2c64vk/edit#gid=0

https://geocode.localfocus.nl/

**Local/Regional**
- Lots of cities have made their data available to the public (e.g. Oakland https://data.oaklandnet.com/, New York City https://opendata.cityofnewyork.us/)
- California state data portal https://data.ca.gov/
- California public health data https://hillcrestadvisory.com/2019/01/20/california-data-sources/

**Federal Government**
- OpenData.gov https://www.data.gov/
- Spatial Data Repository http://spatialdata.dhsprogram.com/home/
- Census Bureau https://www.census.gov/data.html
- NASA https://data.nasa.gov/
- NOAA https://data.noaa.gov/datasetsearch/, https://www.ncdc.noaa.gov/cdo-web/
- USGS https://data.usgs.gov/datacatalog/#fq=dataType%3A(collection%20OR%20non-collection)&q=%3A, https://www.usgs.gov/core-science-systems/national-geospatial-program/national-map, https://www.usgs.gov/products/data-and-tools/data-and-tools-topics
- https://www.census.gov/geographies/mapping-files/time-series/geo/tiger-line-file.html
- GeoMac (USGS) https://www.geomac.gov/
- USAID DHS Data: https://dhsprogram.com/data/available-datasets.cfm
- CDC: https://data.cdc.gov/

**Other**

- IPUMS Data (census data - US & international):
  https://usa.ipums.org/usa/data.shtml,
  https://international.ipums.org/international/
- WHO Data (this is free/public and they have a lot more than what is advertised on their data portal): https://www.who.int/gho/database/en/
- World Bank: https://datacatalog.worldbank.org/
- Harvard Geospatial Library http://hgl.harvard.edu:8080/opengeoportal/
- Global Forest Watch http://data.globalforestwatch.org/