

## **QGIS OFFICIAL DOCUMENTATION**

- A gentle GIS introduction [https://docs.qgis.org/3.4/en/docs/gentle\\_gis\\_introduction/](https://docs.qgis.org/3.4/en/docs/gentle_gis_introduction/)
- QGIS Training manual [https://docs.qgis.org/3.4/en/docs/training\\_manual/](https://docs.qgis.org/3.4/en/docs/training_manual/)
- QGIS User Guide [https://docs.qgis.org/3.4/en/docs/user\\_manual/](https://docs.qgis.org/3.4/en/docs/user_manual/)

## **COORDINATE REFERENCE SYSTEM & MAP PROJECTIONS**

- Notion of map scale ([https://en.wikipedia.org/wiki/Scale\\_\(map\)](https://en.wikipedia.org/wiki/Scale_(map)))
- Map projections explained by Carlos Furuti <http://www.progonos.com/furuti/MapProj/Normal/TOC/cartTOC.html>
- Comparing Map projections <http://bl.ocks.org/syntagmatic/ba569633d51ebec6ec6e>
- <https://spatialreference.org/>

## **VISUAL ENCODINGS**

- Visual encoding [http://vda.univie.ac.at/Teaching/Vis/13s/LectureNotes/05\\_visual\\_encodings.pdf](http://vda.univie.ac.at/Teaching/Vis/13s/LectureNotes/05_visual_encodings.pdf)
- Pre-attentive processing <https://www.youtube.com/watch?v=UFNzATczkDU>
- Colour brewer <http://colorbrewer2.org/#type=sequential&scheme=BuGn&n=3>

## **VARIOUS TYPE OF MAPS FOR DIFFERENT PURPOSES**

- topographic
- choropleth (thematic)
- thematic-bubble-map
- Heatmap time animation - Bird Flue cases over time worldwide 2004-2016, ...
- Digital Elevation Model (DEM)

## **GEOGRAPHICAL DATA SOURCES**

- <http://www.naturalearthdata.com/>
- <http://www.gadm.org/>

## **GLOSSARY**

- QGIS User Interface Overview: Top Toolbars, Map Canvas, Layers list, Status Bar and side toolbar
- Shapefile - the de facto GIS vector format but proprietary
- GeoPackage - the new GIS vector open format