### QGIS OFFICIAL DOCUMENTATION

- Gentle GIS Introduction http://docs.qgis.org/2.14/en/docs/gentle gis introduction/
- QGIS Training manual http://docs.qgis.org/2.14/en/docs/training\_manual/
- QGIS User Guidehttp://docs.qgis.org/2.14/en/docs/user\_manual/

### COORDINATE REFERENCE SYSTEM & MAP PROJECTIONS

- Notion of map scale (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

### VISUAL ENCODINGS

- $\bullet \ \ Visual\ encoding\ http://vda.univie.ac.at/Teaching/Vis/13s/LectureNotes/05\_visual\_encodings.pdf$
- 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

- Maps for different purposes: topographic, choropleth (thematic), thematic-bubble-map, heatmap, ...
- Digital Elevation Model (DEM)

## GEOGRAPHICAL DATA SOURCES

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

# ANIMATION WITH QGIS (CARTO might be a better alternative)

- http://michaelminn.com/linux/mmqgis/
- $\bullet \ \ http://under the raedar.blogspot.co. at/2014/12/simple-animations-with-qgis-long.html$
- https://geouk.wordpress.com/2012/09/05/qgis-time-manager/

### **GLOSSARY**

- QGIS User Interface Overview: Top Toolbars, Map Canvas, Layers list, Status Bar and side toolbar
- Shapefile

## **OTHER**

• Record animations to gif movie file: https://www.youtube.com/watch?v=0aYrNUUKM-4