**Introduction to QGIS: Understanding and Presenting Spatial Data**

This page contains useful links and information for the day.

**Wifi Networks:**

Eduroam

**Learning Outcomes**

* Be able to set up QGIS and add data
* Understand how to add data with a latitude / longitude coordinate
* Join tabular data to spatial data
* Understand how to undertake simple calculations
* Understanding how to classify data for representation on a map
* Designing and producing a publication-ready map in QGIS
* Saving/exporting your maps as image files

**Contact**

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**Location**Room 2015, Building 39 (Soton Stat Sci Res Institute), University of Southampton, University Road, Southampton, SO17 1BJ, UK

**Outline of the day**

* *10:00am – 10:15am – Registration & Refreshments*
* 10:15am – 10:30am – What is GIS?
* 10:30am – 11:15am – Practical 1 Intro to QGIS
* 11:15am – 11:45am – Classification
* 11:45am – 12:30pm – Practical 1 Intro to QGIS ctd.
* *12:30pm – 1:30pm – Lunch*
* 1:30pm – 1:45pm – Map Design and Recap
* 1:45pm – 3:00pm – Practical 2 Tiger Map
* *3:00pm – 3:15pm – Tea/Coffee*
* 3:15pm – 4:00pm/4:30pm – Practical 3 Using your own data

**Useful Websites**

* Electronic versions of all resources: <https://github.com/nickbearman/intro-qgis-spatial-data>
* Useful data sources:
  + Global Administrative Areas (country boundaries) - <http://www.gadm.org/>
  + DIVA-GIS <http://www.diva-gis.org/Data> & Free GIS Data <https://freegisdata.rtwilson.com/>
  + OS Open data - <https://www.ordnancesurvey.co.uk/opendatadownload/products.html>
  + Census boundary data - <http://census.ukdataservice.ac.uk/get-data/boundary-data.aspx>
* YouTube Video on joining LSOA and .CSV files - <https://www.youtube.com/watch?v=QTlqxx1IUv8>

**Useful Points**

* Remember that an electronic version of the notes is available for you to keep and refer to as you like.
* Remember that a green post it means you are progressing well, a red post it means you need help (particularly useful if I am busy with someone else, so can’t come to you straight away).
* If you have time, you can complete the optional exercises, but if you don’t have time you don’t need to.

