**Assignment 3**

**Interactive mapping with Google My Maps and CARTO**

**Due:** beginning of next class, 2:00update blog with Assignment 3 post: Part A Google MyMaps and text, Part B CARTO 311 call map and text.

**Introduction**

Interactive Maps are increasingly easy to construct, from the simplest of tools with Google Maps to CARTO - a user interface wrapped around html and CSS and PostGreSQL – to R and Leaflet, to javascript programming with D3 (D3.js) – to name but a few of the web mapping toolboxes.

For some of you, your community partners will want a simple google map, or CARTO. If you want to pursue geospatial data visualisation you will need to learn javascript and some coding fundementals, but this class, we can use Google MyMaps and CARTO for our interactive mapping needs, and these tools give you an introduction to interactive web map creation, and do not require coding background.

For this assignment you will need to

1. create a google account if you do not have one already

2. Create a CARTO account.

**Part A Google MyMaps** (10 marks)

Link: to tutorial and assignment – course web site, [Tutorials, Google MyMaps](https://blogs.ubc.ca/advancedcartography/tutorials/google-mymaps/)

In class we will go through Google MyMaps and there is an assignment for you to do which is like an ArcGIS On-line Story map.

The tutorial instructions (a YouTube link) and assignment instructions are on the course web site under tutorials, the sub heading Google MyMaps

**Part B CARTO 3-1-1 Complaint data** (20 marks)

Link: to tutorial and assignment – course web site, [Tutorials, CARTO](https://blogs.ubc.ca/advancedcartography/tutorials/carto-tutorial/)

In class, we will go through CARTO and the assignment. Your assignment is to fix up the work during class and then write a blog post discussing interactive mapping versus static maps.