**Instructions for the practical test:**

You should have downloaded a zip file at the end of the theoretical portion of the exam. The zipped file contains an image called "0. Map TO REPLICATE.png", instructions, and several data files. First, you must write down each step that you will take to make the map in a word document. Then, reproduce the map example using the data provided.

Extra credit: If you have time, you may improve the style of the map (for example, fonts, colors), or add other interesting layers or elements, such as a locator map. Submit a clear explanation of how you improved the map (i.e., beyond replicating the example) for consideration.

***Other Instructions***

* Change the projection on the **display to EPSG: 6347** once you bring in your first layer
* You do not have to have the same basemap as the one pictured but you must have a basemap and set the transparency to at least 60%.
* When rectifying the historical central park image, use the basemap you bring in to georeference it AND use the settings in the “0. Settings for georeferencing.png.” This will make sure you don’t get black squares surrounding the rectified tiff layer. You’ll know you missed this step if that happens to you.
* You must draw a different route than I did from Columbus Circle to Times Square.
* Save the two vector shapefile layers you create as GeoJSON files in the WGS84 Projection.
* See the rubric in Sakai to see how you’ll be graded.

***Deliverables***

1. Before you leave class today, submit your word document with the steps you need to take to complete the map on Sakai.
2. Before the end of the day Wednesday, submit your completed PNG map on Sakai.
3. Before the end of the day Wednesday, upload your GCP points file and your two vector layers as GeoJSON files to a GitHub repository. Submit the repository link on Sakai.