

Plotting Results in Google Earth

Save your latitude and longitude vectors to a two column, comma delimited text file (*.txt) using `>>fprintf`.

I recommend using “%3.12f” for the level of precision:

```
fprintf(fid, '%3.12f , %3.12f\n', [LLA(:,1) ' ; LLA(:,2) ']);
```

Using a web browser, go to:

<https://www.gpsvisualizer.com>

Click on:  Google Earth KML or go to:

https://www.gpsvisualizer.com/map_input?form=googleearth

Upload your file(s) where it says “File #1 Browse...”

The file uploaded will be the text file that you created. You may upload multiple files. This could be done to overlay results from multiple runs using different control gains for example.

Once you have your file(s) loaded, hit “Create KML File”

This will bring up a new page with a .kmz file. Click on the KMZ file and hit “save to computer” (you can also hit “open with” if you have Google Earth on your computer.

If you do not have Google Earth on your computer, then using a web browser go to:

<https://earth.google.com>

Click on the projects icon on the left tab (looks like a pin on a map and is the tab option from the top).

Then click on “Open” then “Open->Import KML file from computer”

Select the file you just save from GPS Visualizer (or whichever file you want to display) and hit “Open”

This will then display your data onto Google Earth.