

Research Computing Services

Plotting Geospatial Data with Python

Last month I wrote a blog post diving into the nitty gritty details about how to download a satellite image as a GeoTIFF file using Google's Earth Engine API in Python. I also shared my code in this GitHub repo so that you all can use it freely. Over the past few weeks, I imagine that you've downloaded satellite imagery to your heart's content, and now you may be wondering, "How can I plot my favorite geospatial dataset on top of this awesome satellite image using Python?" This blog post will help get you started toward answering that question.

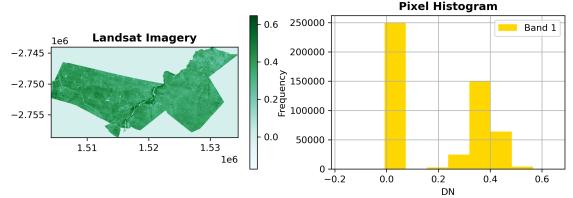


Figure 1: The Landsat imagery (left) and corresponding pixel histogram (right)

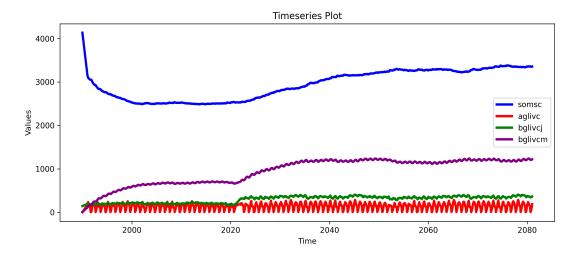


Figure 2: Timeseries plot