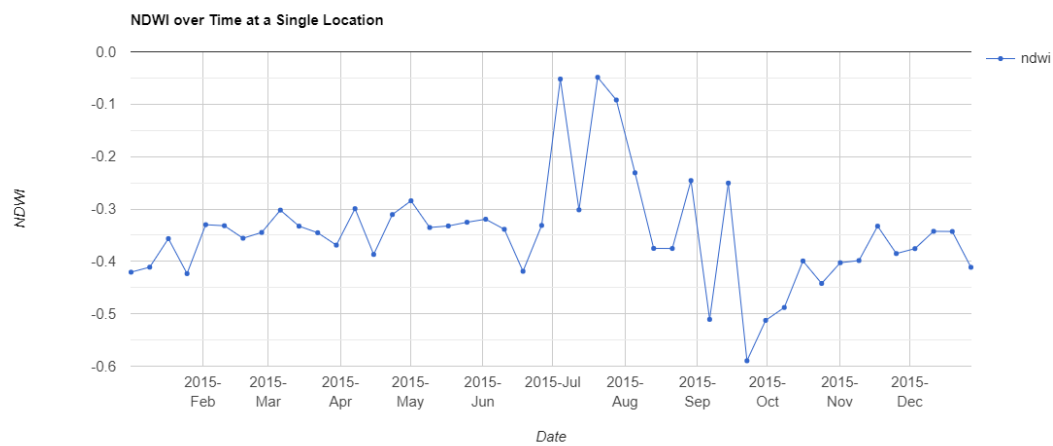


NAME: Akshit Barnwal

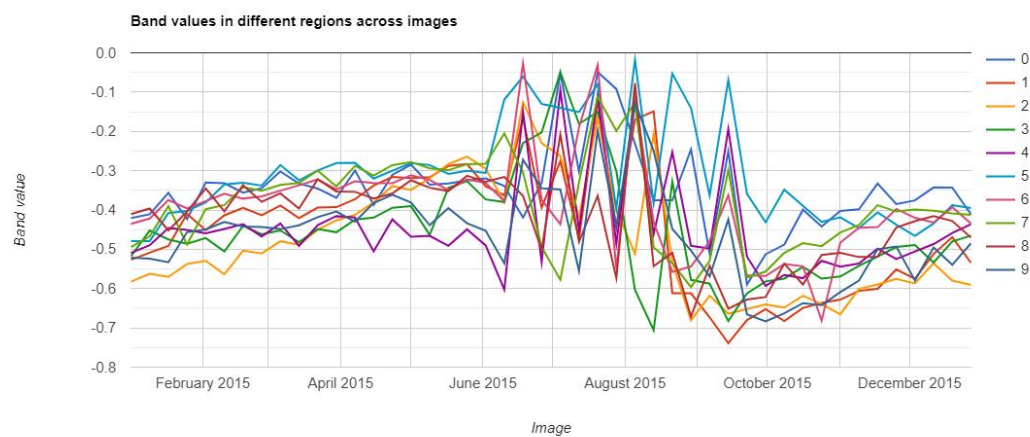
Entry No.: 2020EEB1150

Assignment 3, Tinkering Lab

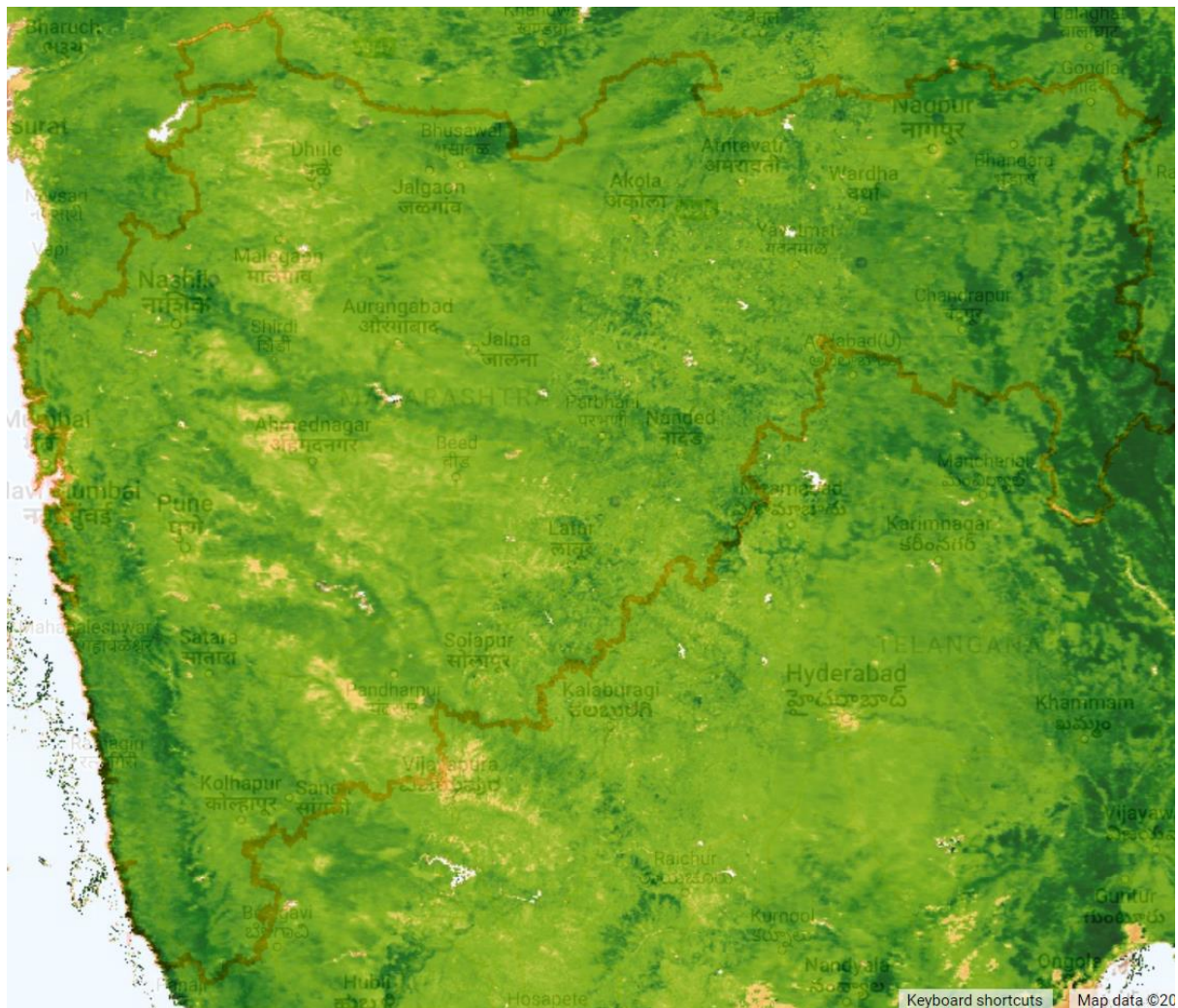
## NDVI: Normalized Density Vegetation Index



*Fig 1: NDWI over time at a single location in the span of 15-20 years.*



*Fig 2: Band values in different regions across images.*



*Fig 3: Proportional vegetation in the state of Maharashtra*

Analysis: The peak for NDVI values is reached around the June – September months of the year. The Rainy season in Maharashtra also coincides with these months.

Hence the higher the value of the NDVI ratio, the more the vegetation. The vegetation logically will be at its peak during and just after the Rainy season. These logical conclusions match with that of the graphical plot.