

MDoNCAkeS

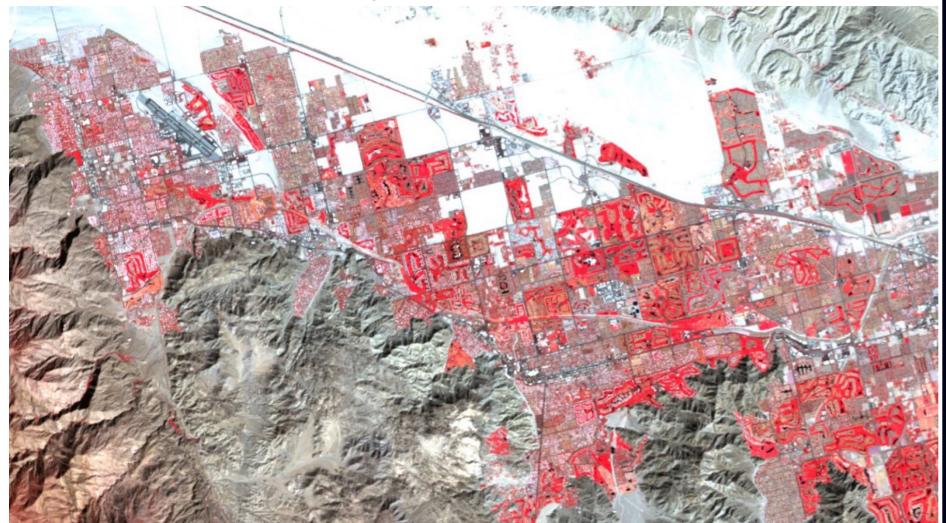
Natural Color Image:



Airport
Track
Possible Train track/
highway

This city area seems to have a large resort part / resort / golf club judging from the design of the vegetation area. Can also see roads throughout the city.

False Color Imaging:



NDVI Image:



We can see that the vegetation are maintained well (as it appears bright white due to NDVI values closer to 1)
area of interest like the airport track or roads appear dark/grey due to low NDVI.



True Color Image



We can recognize some sort of field/farm of sorts in this area. We can use a false color image or NDVI image to analyze more into this.

False Color Image (B5, B4, B3)



False Color Image:
Vegetations stand out in bright red color due to high NIR reflectance. Stressed and sparse vegetation will appear duller and darker. Areas that appear gray have no/little vegetation.

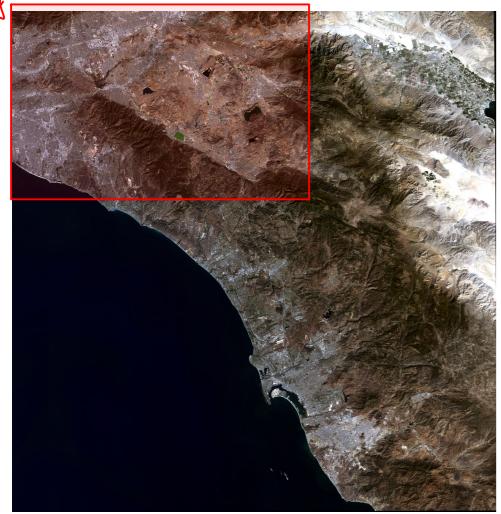
NDVI Image



NDVI Image:
Areas with high NDVI reflects active photosynthesis and the idea of analysis is similar to our false color image.
Higher NDVI = close to 1 and will appear bright white.

Since this area is a crop field of sorts, we can identify possible crops that are less healthy and the crops that need more love by the farmers. (e.g. water, pesticide, fertilizer.)

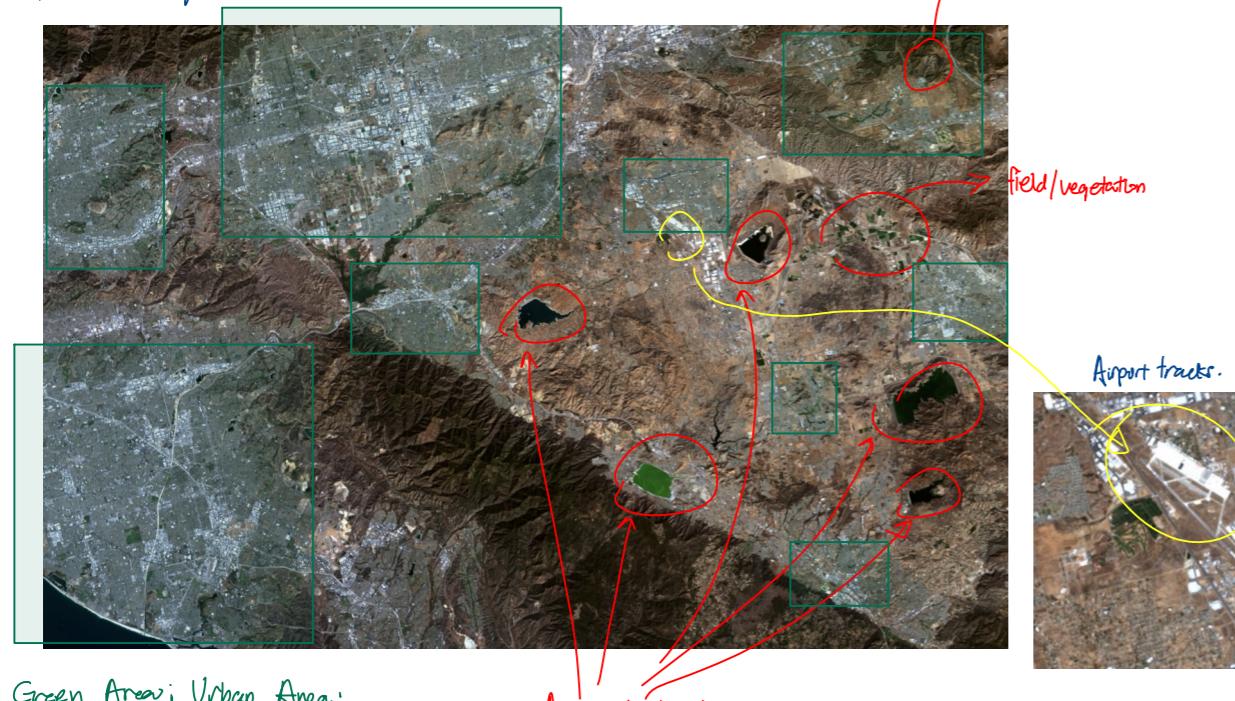
Analysing this area:



Using Band 4,5,7:
Burn Scar Image show possible area of forest fire.

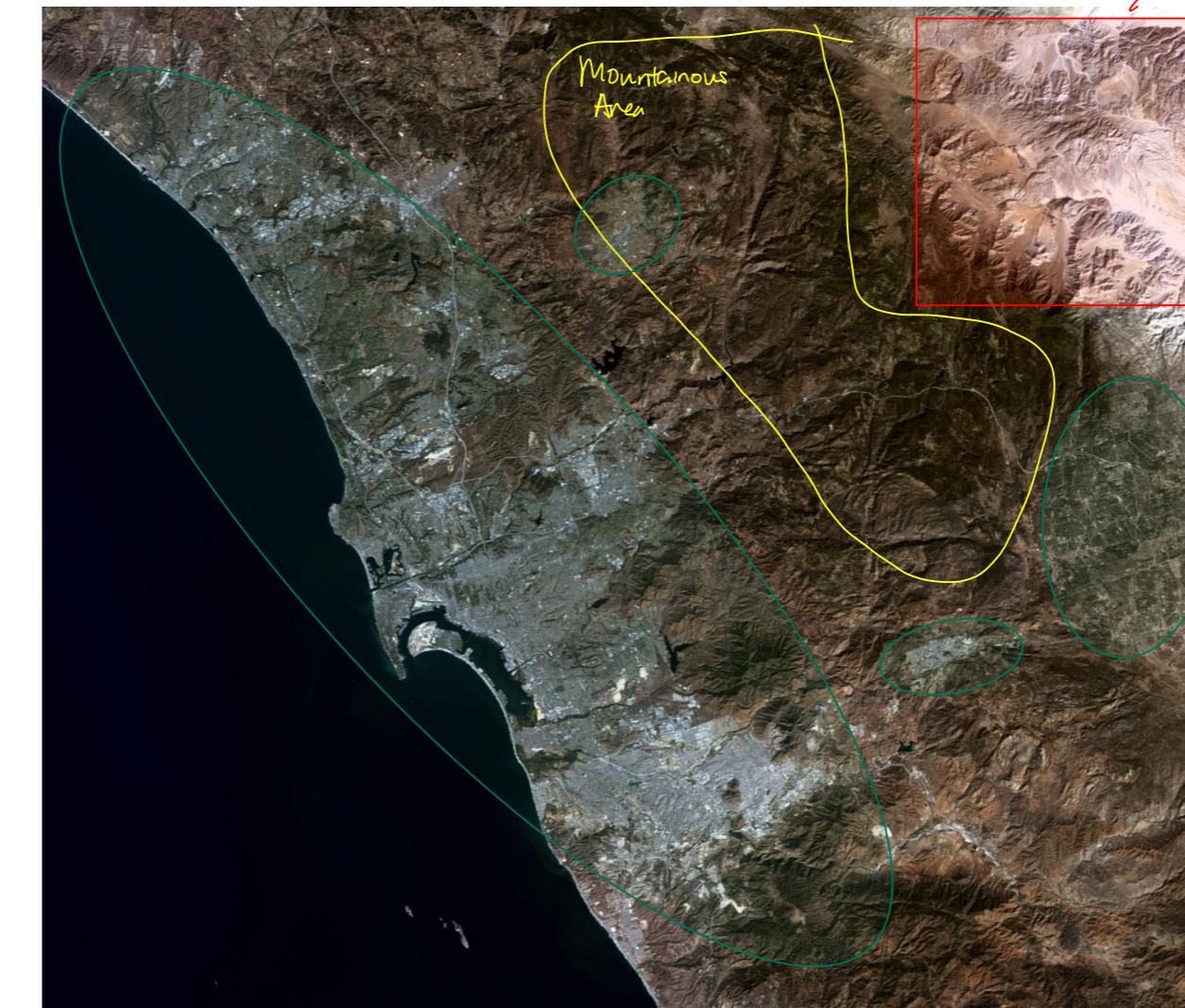


Natural Image:



Green Oval: Urban Area.

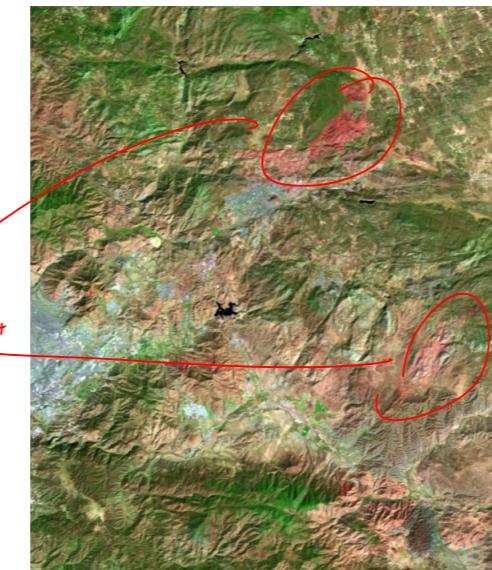
Analysing this area:



Green Oval: represents city area.

Natural Composite Image.

Burn Scar Image:



Shows area that could have wildfire in the past

