

Frank Olotu

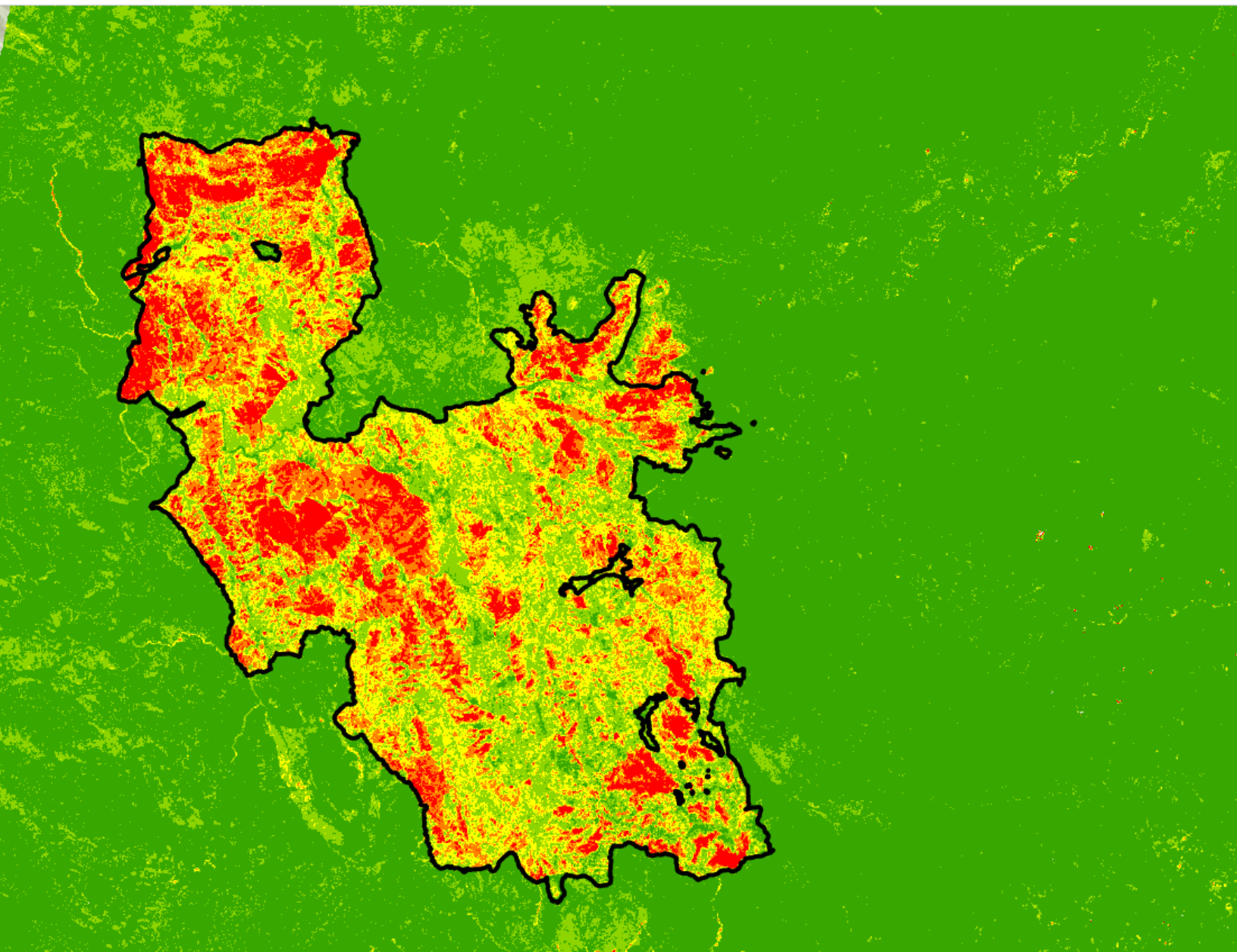
Prof. Joshua Viers

ENGR-180-01

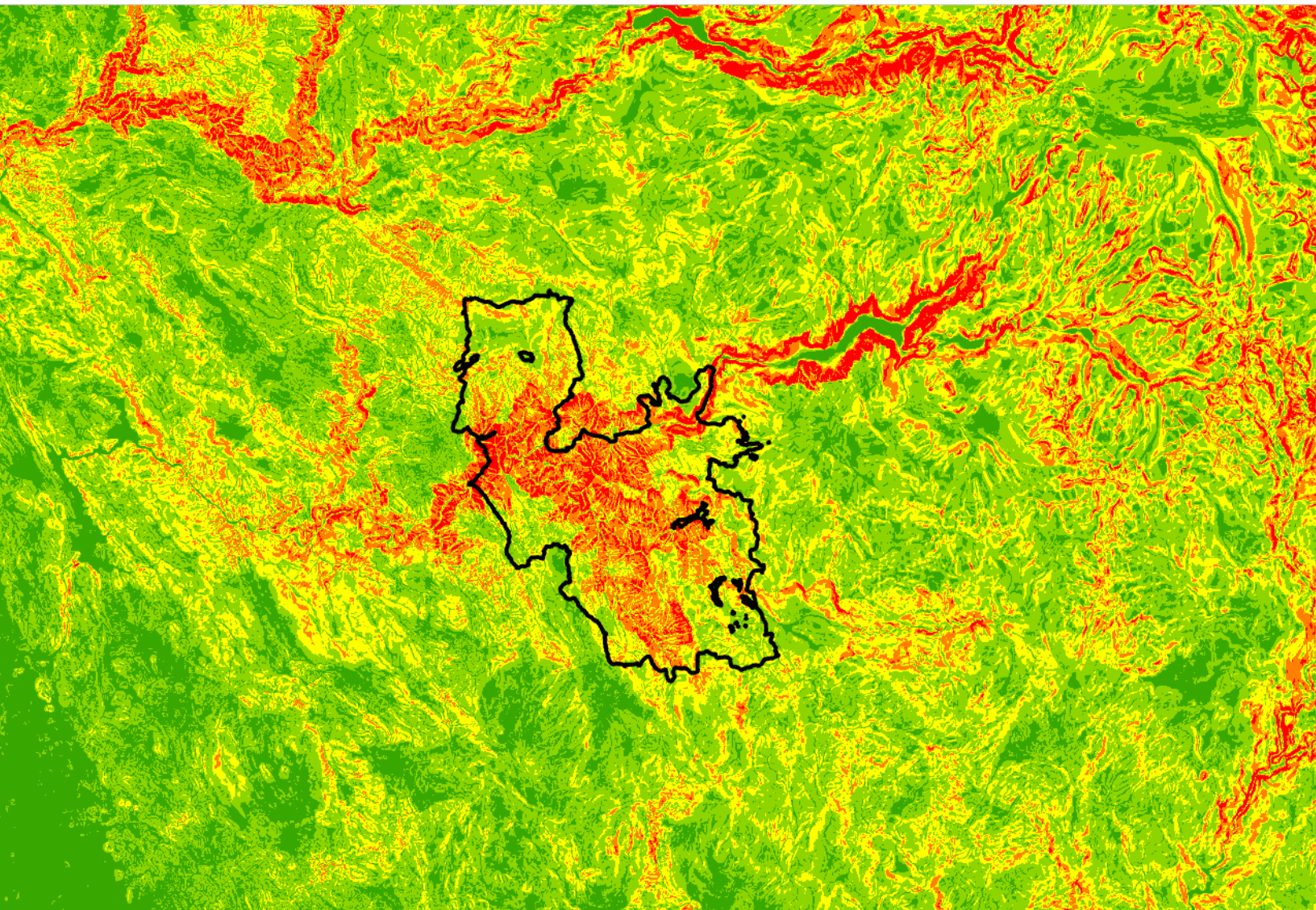
4 November 2022

LAB5-2

Take a screenshot [you do NOT have to make a full map for this portion] of the new Burn Severity raster output for submission.



Take a screenshot [you do NOT have to make a full map for this portion] of the new Slope Index raster output for submission.

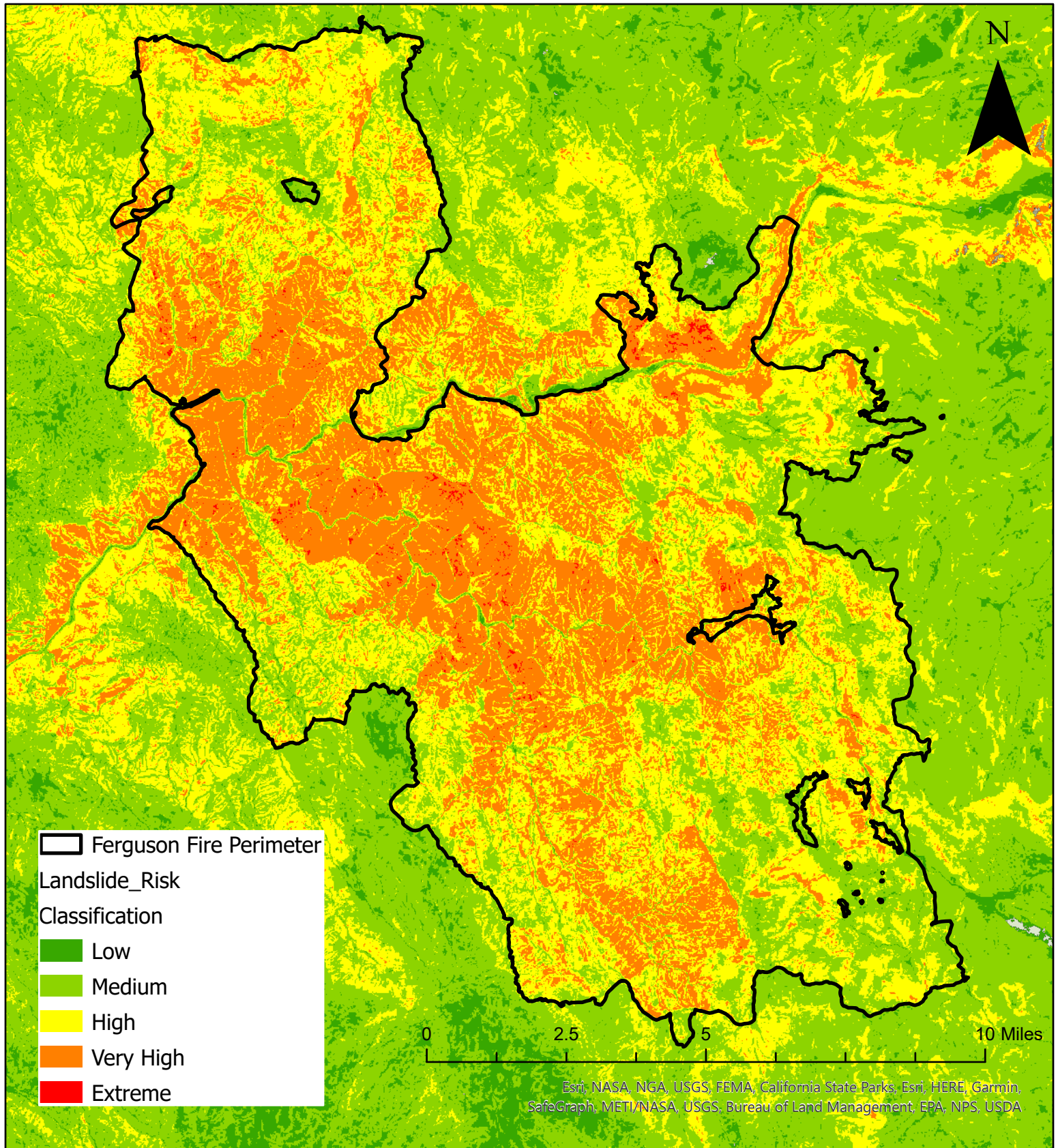


Answer: In 3-4 sentences, what is NLCD?? Google this really quick for reference. What is the age of the most recent dataset (what year is the data from)? Why/why wouldn't this be an issue if you need the imagery for a project?

The NLCD is the National Land Cover Database, the age of the most recent dataset is three years (2019), as it is updated every five years. It would be an issue if I needed imagery from the NLCD as I would have to run the risk of using stale data in my project, although land cover doesn't typically change too much in five years, but if I wanted to model minute changes in between the five years then I wouldn't be able to use the dataset. ("National land cover database | U.S. geological survey," 2018)

Submit a PRODUCTION QUALITY MAP focused on the Ferguson Fire perimeter with all appropriate key elements included. Include a visual of your Landslide Risk Function. The text must be clearly visible.





## Ferguson Fire Landslide Risk Overview

Map by Frank Olotu  
October 28, 2022

### Works Cited

National land cover database | U.S. geological survey. (2018, September 11). USGS.gov |  
Science for a changing world.

<https://www.usgs.gov/centers/eros/science/national-land-cover-database#overview>