



Menlo Park Fire Protection District Office of Fire Prevention

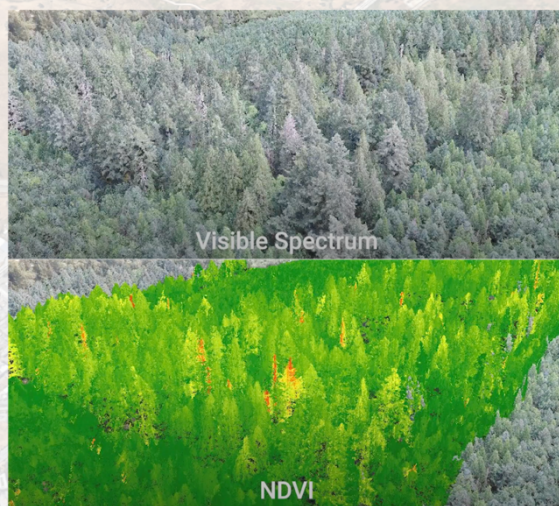
Urban Wildfire Mitigation Project

The Menlo Park Fire Protection District will be utilizing our UAS (Drone) Program to proactively map and analyze vegetation density and potential hazards in your area.

Dixie Fire, July 31st, 2021



The office of Fire Prevention is utilizing the Department's UAS Program to gain an accurate and up-to-date understanding of the vegetation health, moisture and density in the areas most at risk for wildfire. The Department will be utilizing our UAVs and Firefighter/Pilots to collect aerial data (flying a drone) of the vegetation to create an up-to-date orthomosaic map. The Fire Department will use these, and future maps to help determine vegetation health, fuel load and density in the areas of potentially higher risk. We will also optimize routes to best move fire personnel with apparatus into the area safely and evacuating residents if needed.



- When: Sept. 22nd – October 31st
- Western Portion of Fire District
- Alameda West to 280
- Sand Hill Rd, North to Woodside Rd
- Natural Vegetation Density / Fuel Load



- Multispectral Imagery to create NDVI
- NDVI – Normalized Difference Vegetation Index to help determine natural fire resistance
- Gathered data will be used to create Orthomosaic then discarded

- More Info: www.MenloFire.org/WestOfAlamedaProject

