

Organic Assessment Report

Fashion For Biodiversity Solutions



FASHION FOR
BIO-DIVERSITY

1. Project Overview

Sensor	Sentinel-2A
Location	Farm C
Coordinates	Center: [-121.825, 37.275]
Start Date	30 April 2025
End Date	15 May 2025
Cloud Cover	50%

Frequency: Weekly







2. Vegetation Indices

- NDVI – Normalized Difference Vegetation Index
- SAVI – Soil Adjusted Vegetation Index
- PVI – Perpendicular Vegetation Index

- Greenness / Forest Cover – General vegetation density
- NDWI – Normalized Difference Water Index



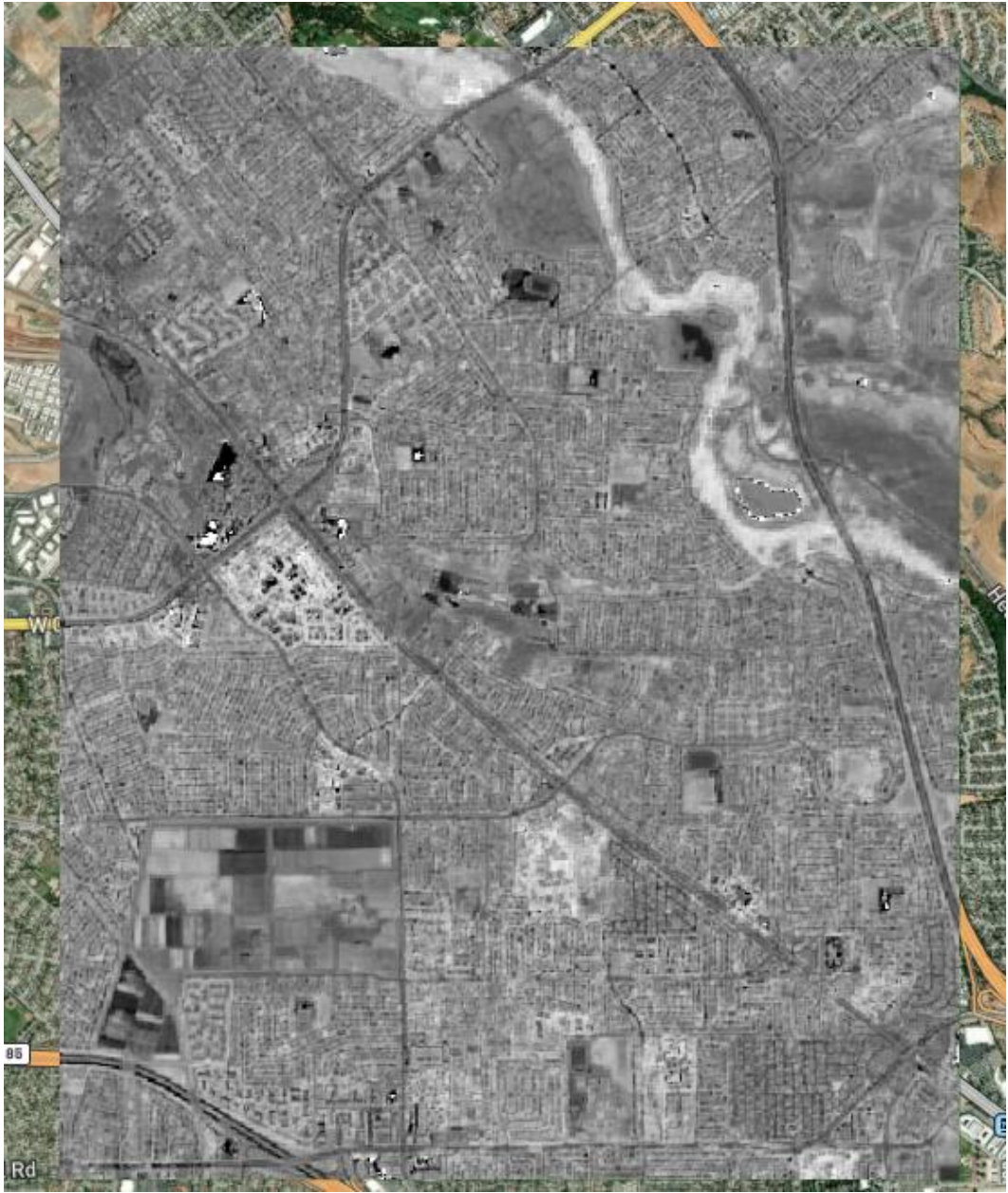
- NDMI – Normalized Difference Moisture Index

- Moisture Stress Index – Indicator of vegetation water stress

[Insert vegetation index graphs here]

3. Moisture Stress Index



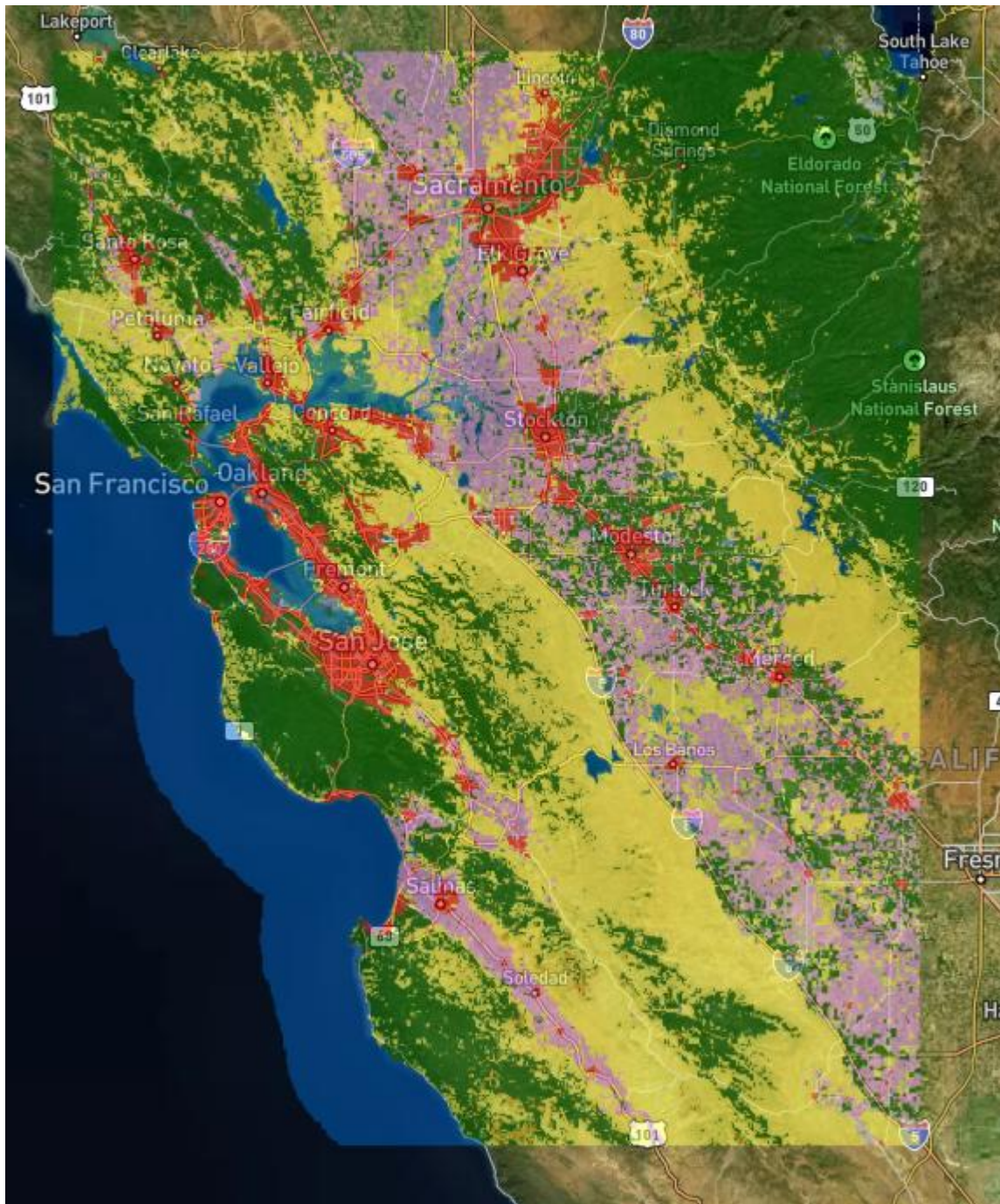




Source: ESA Global Land Cover 2021

Use: Baseline classification to understand land use patterns across the study area.

Dominant Class in AOI: Vegetation



4. Biodiversity Assessment

Biodiversity was evaluated using observational data from three platforms: eBird, GBIF, and iNaturalist.

- Transparency: Spatiotemporal data and open biodiversity logs provide full traceability.
- Brand Alignment: Supports eco-labels and sustainability reporting for agricultural products.

Recommendations:

1. Position Farm C as a testbed for biodiversity-conscious product sourcing.
2. Use NDVI and species heatmaps as evidence in sustainability audits.
3. Leverage open biodiversity records (GBIF/iNat/eBird) for environmental storytelling.