

# UAV Ground Detection

## Distinguish Tree Species

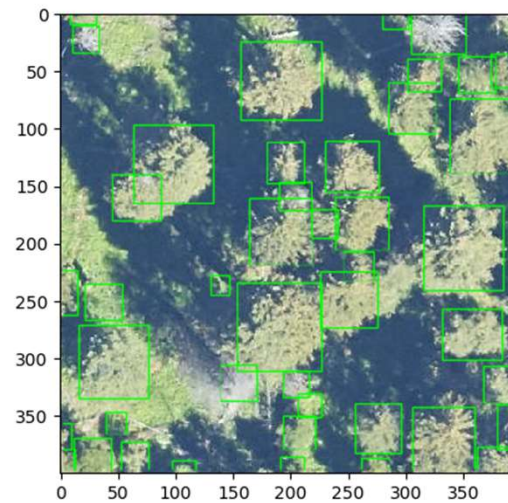
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Project 17

# *Detecting Tree model*

## **Deep Forest**

- Training and predicting individual tree airborne RGB image



<https://deepforest.readthedocs.io/en/latest/landing.html>

# *Detect Objects in Real Time*

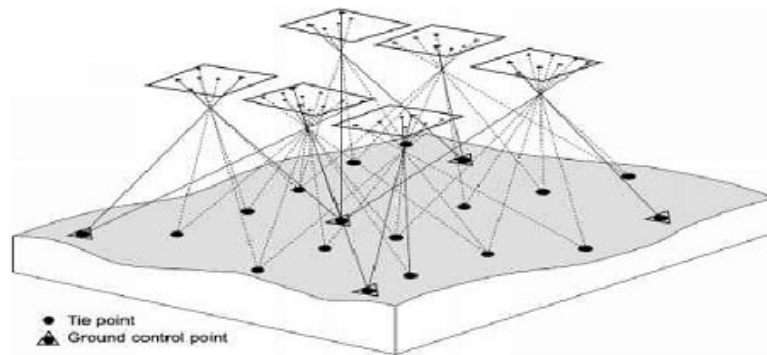
## Using OpenCV and Python

- When using UAV ground detecting we need to use real time object detection
- OpenCV?
- library of programming functions mainly aimed at real-time computer vision.

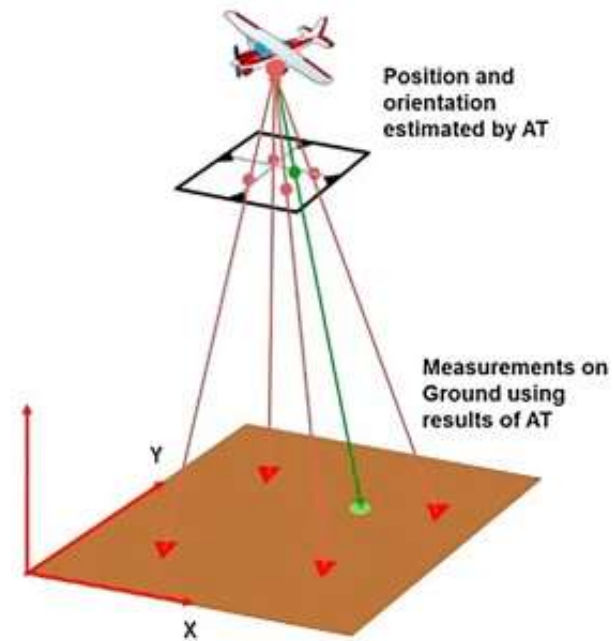


## Mapping Tree and GPS

Aerial triangulation (AT) is a method for producing maps by overlapping aerial images.



### Aerial Triangulation



# *Thank you*

**Questions?**

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