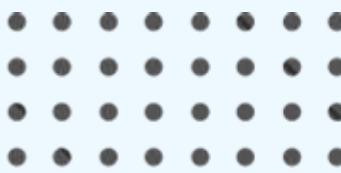
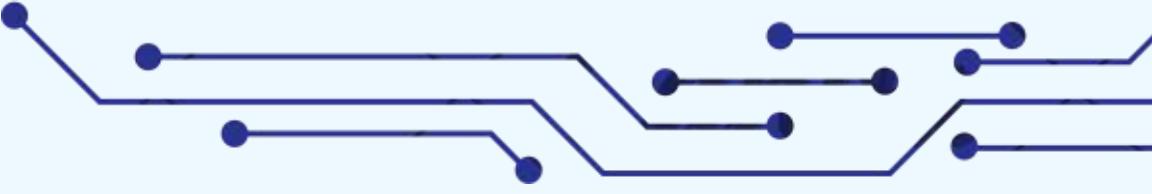


# PORTFOLIO



AURELIO JEREMI BASTEN SITINJAK

# PROFILE



A fresh graduate with a bachelor's degree in geomatics engineering who is competitive and eager to learn and build new abilities in GIS programming, terrestrial mapping, and the mining business.

## CERTIFICATION

- 3D Point Cloud Masterclass | Lidar | CloudCompare By Udemy
- Crash Course on Phyton By Coursera
- Introduction to Git And GitHub By Coursera
- Troubleshooting and Debugging Techniques By Coursera
- Machine Learning With Python (With Honors) By IBM
- TOEFL ITP By ETS (Score: 520)

## BACKGROUND EDUCATION



- **INSTITUT TEKNOLOGI SEPULUH NOPEMBER**  
Bachelor of Geomatics Engineering  
2020 – 2024  
GPA : 3.24 / 4.00

## WORK EXPERIENCE



- **PT. Adaro Energy Indonesia, Tbk.**  
Engineer Intern  
July 2023 – Ago 2023



- **PT. Smartech Solutions International**  
Pre sales Engineer  
September 2024 - December 2024

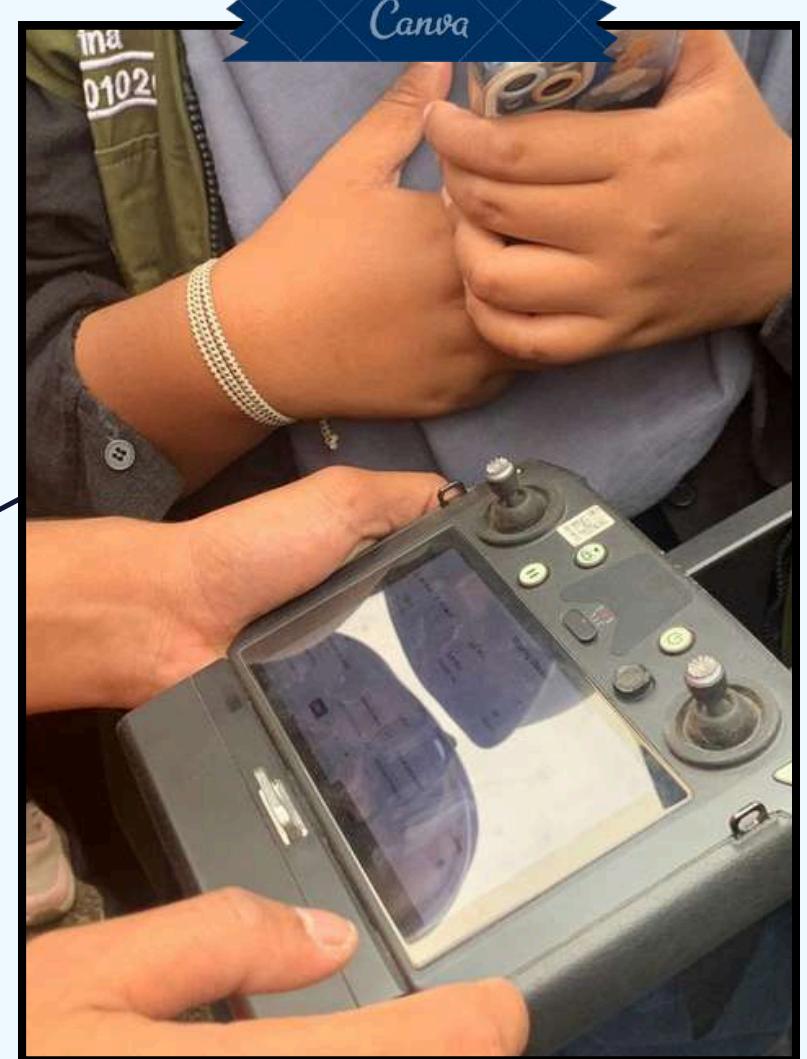
# PROJECT



Collaboration with Terra Drone



Operation of DJI Matrice 500 Drone



Drone Control Device

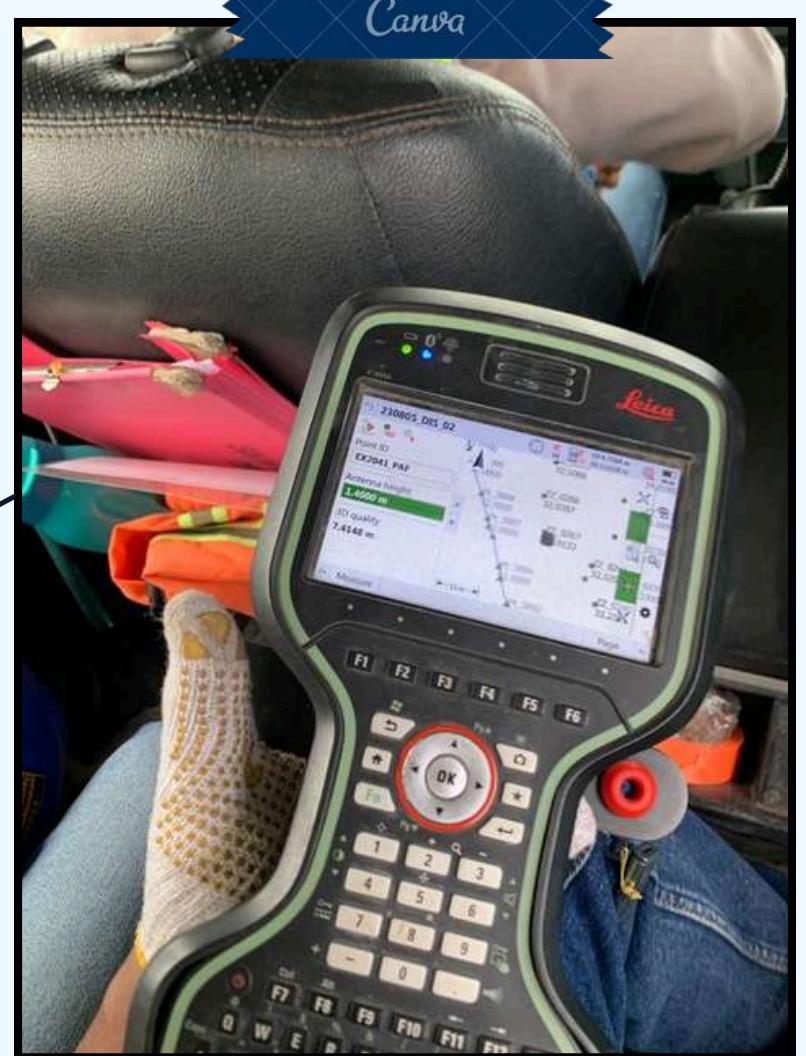
# PROJECT



Operating a RTK GPS device

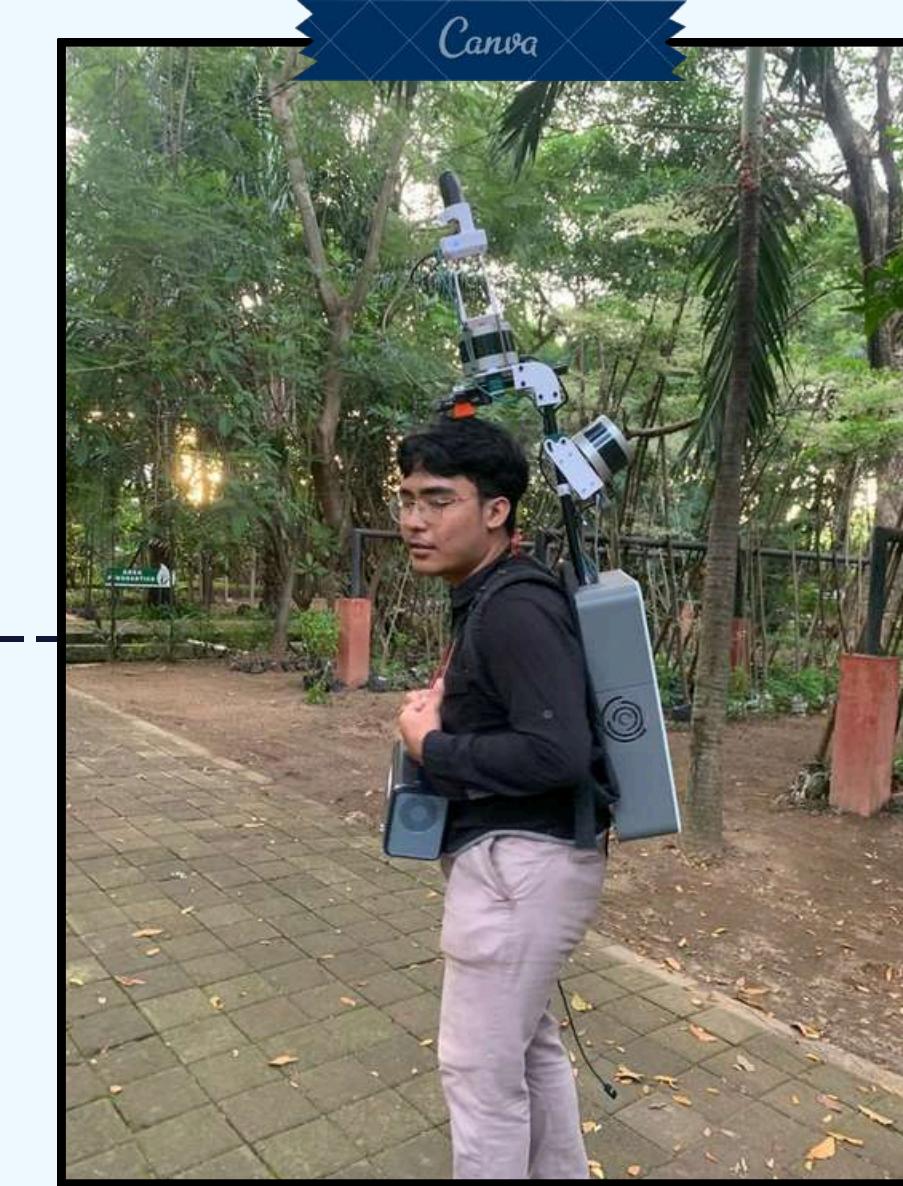


TLS (Terrestrial Laser Scanner) Tool



Leica Captivate CS20 Field Controller

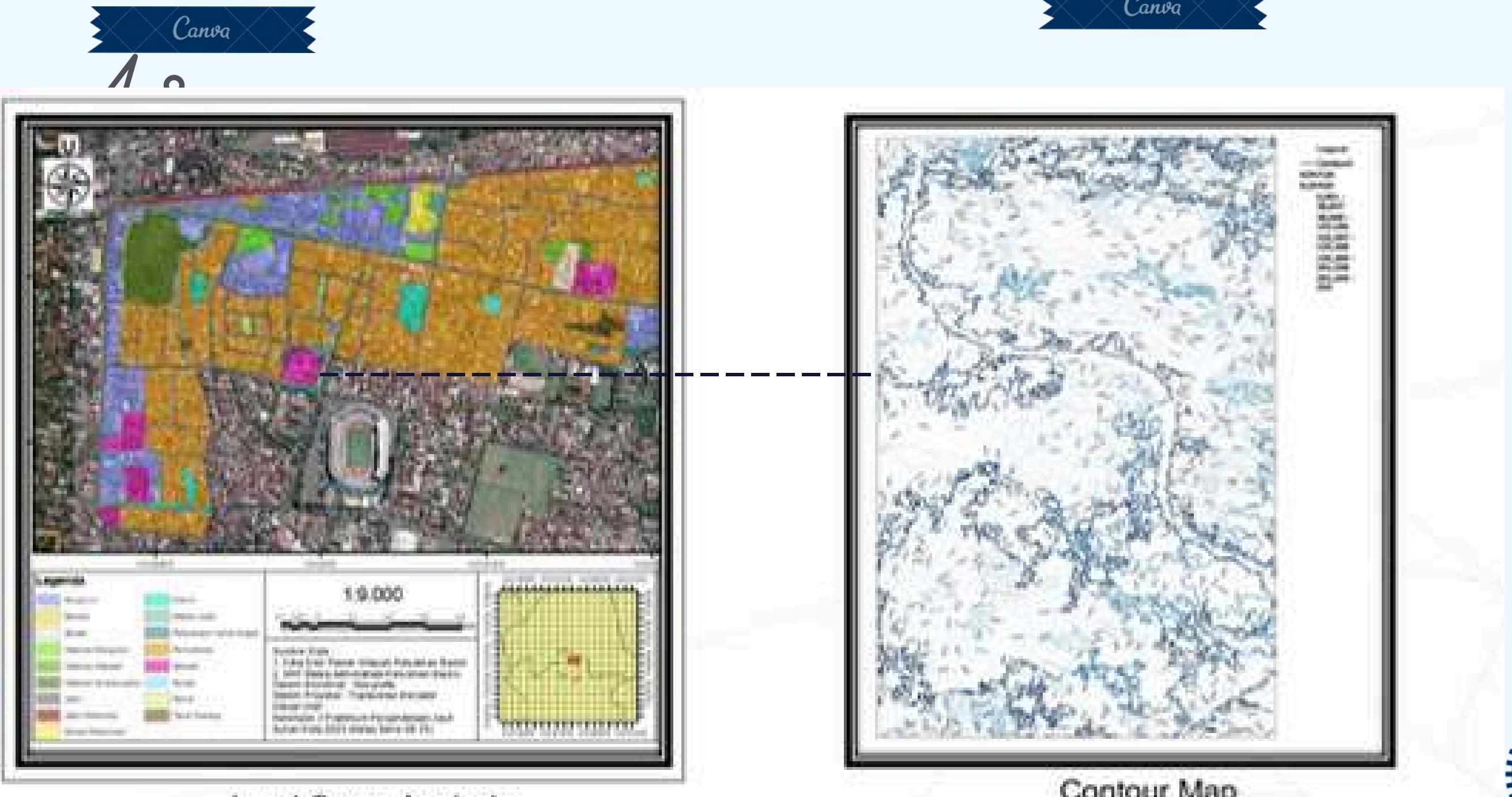
# PROJECT



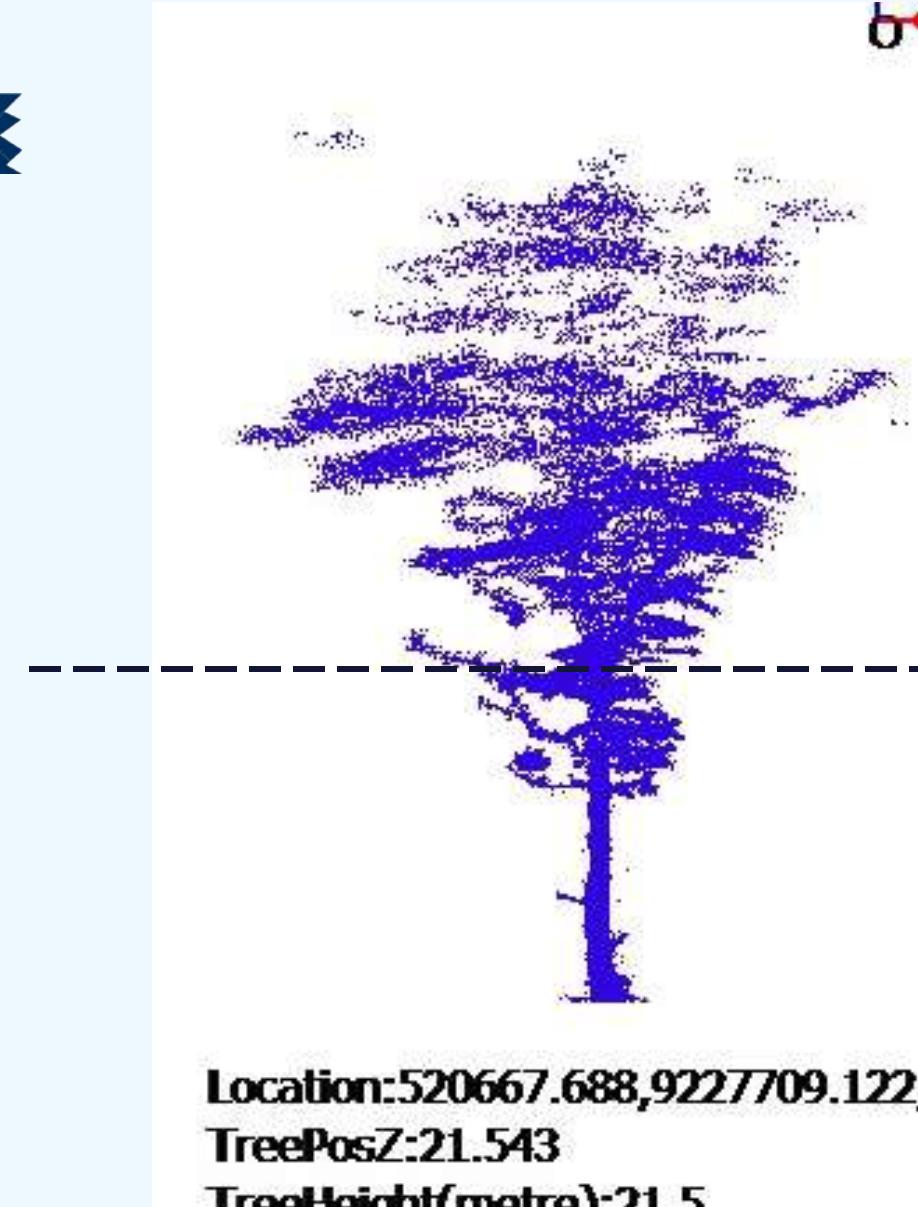
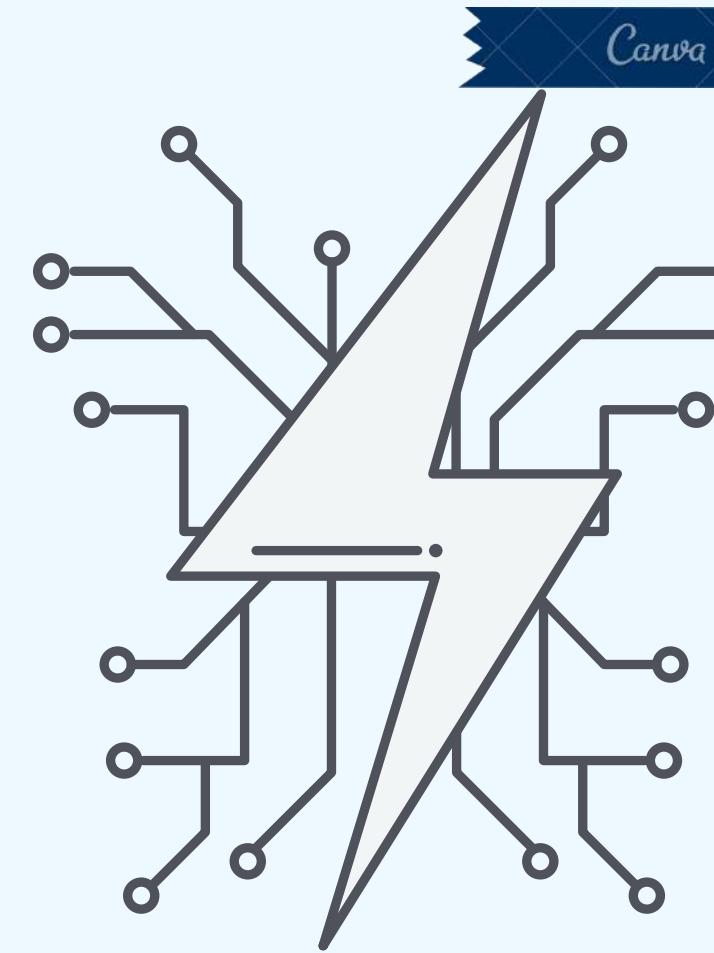
Carrying a backpack lidar and a low-cost handheld lidar device

# A land cover Analysis Map in Yogyakarta for segmentizing purposes and Contour Map of its area

## PROJECT

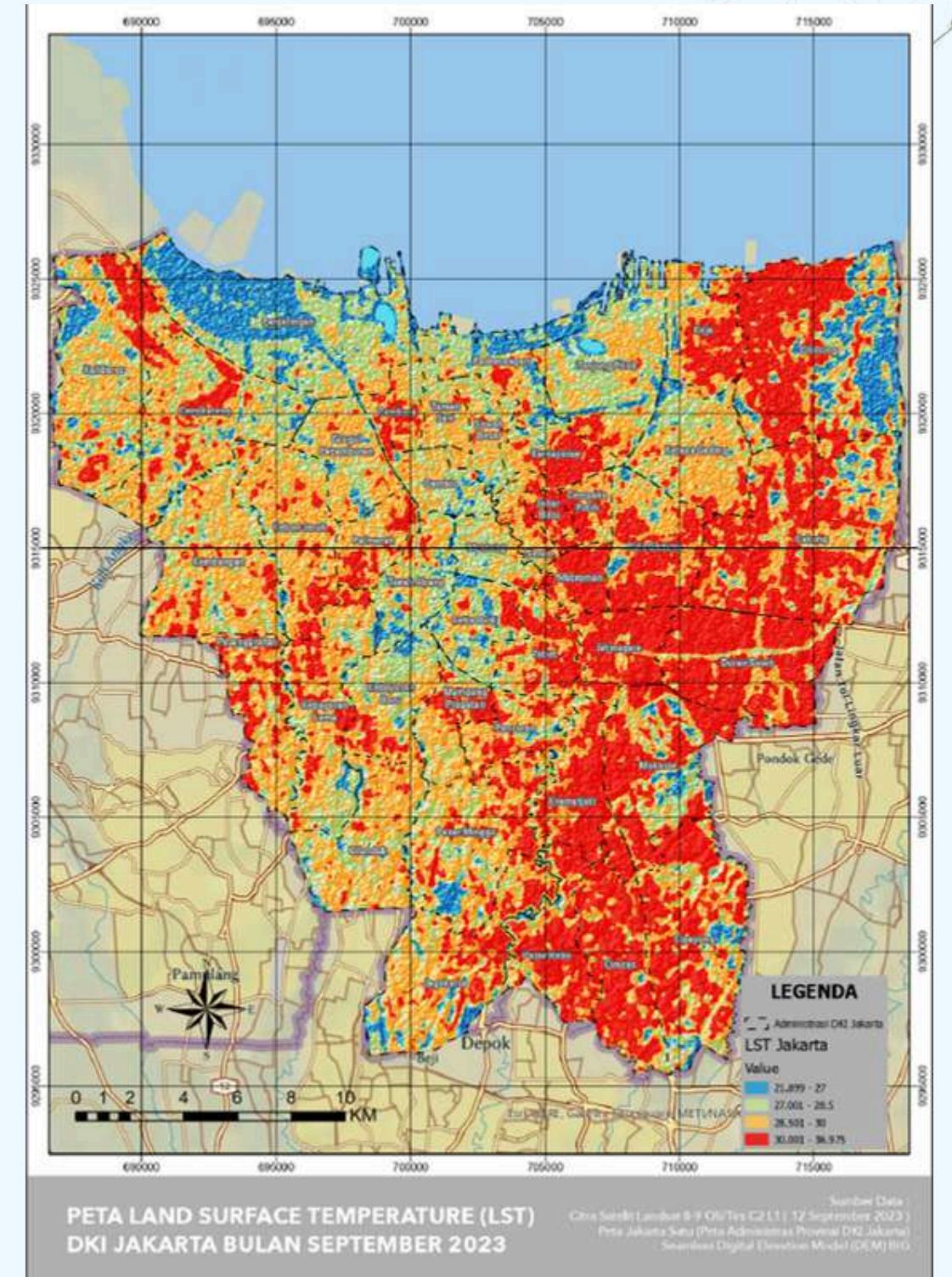
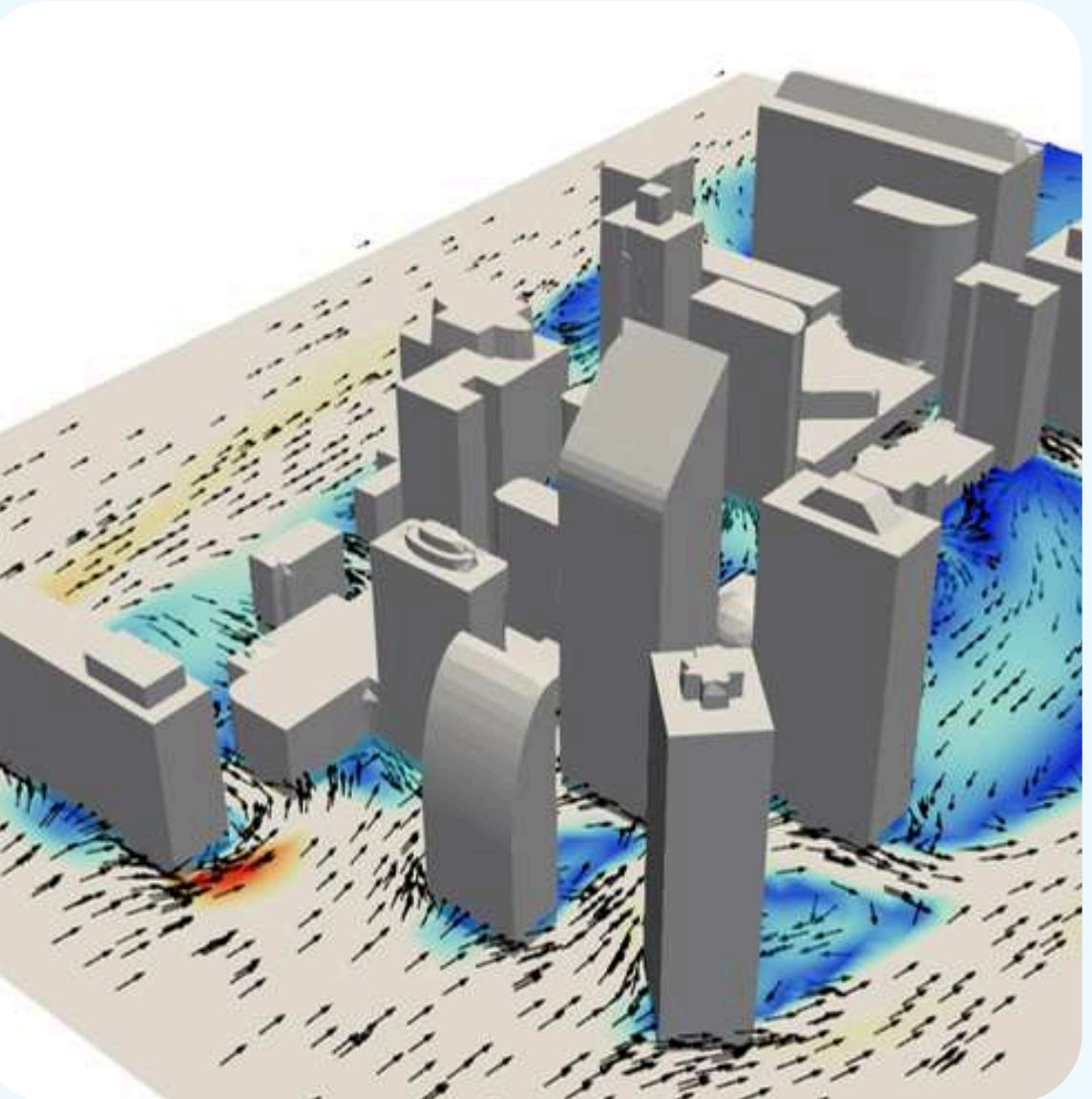
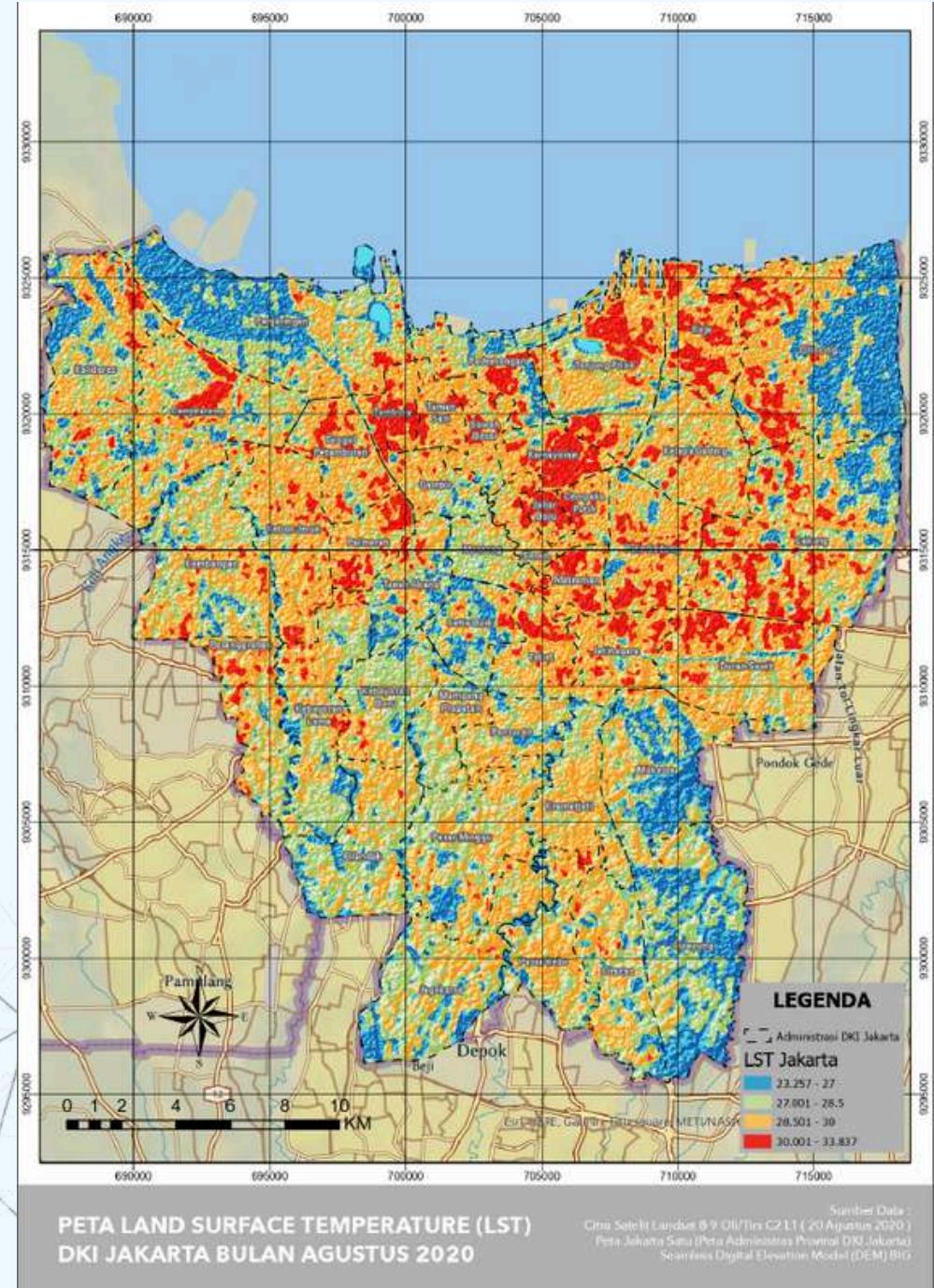


# PORTOFOLIO



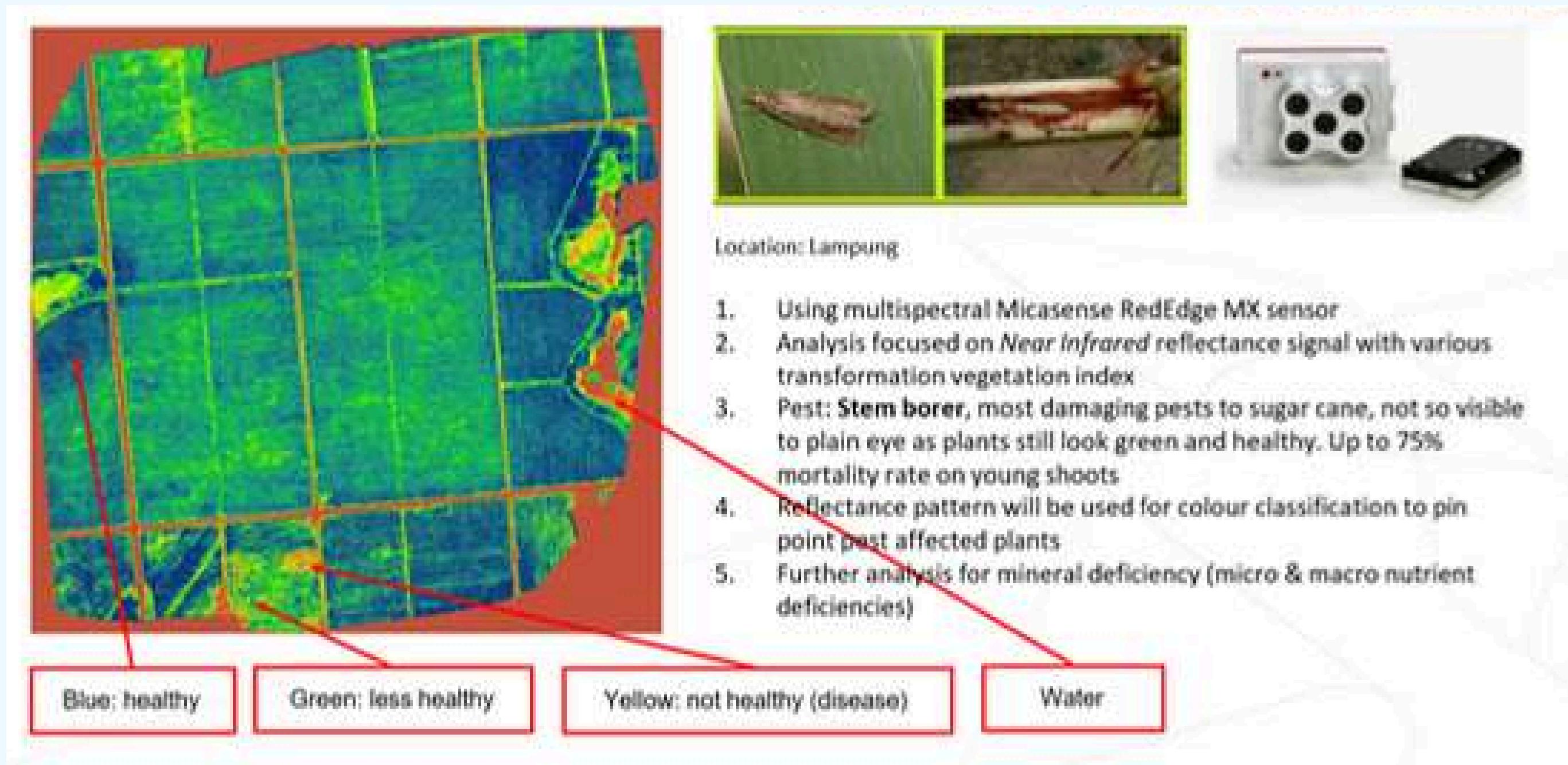
pointcloud result post-processing data by backpack lidar

# PORTOFOLIO



Data Visualisation of Urban Heat Island using NDVI and  
BIM (Building Information Modelling) in 3D model

# NDVI ANALYSIS FOR SUGARCANE FIELD BASED ON AERIAL PHOTOGRAPHY THAT WE ALREADY TOOK



The image displays two side-by-side screenshots of PostgreSQL database management interfaces.

**Left Screenshot:** Shows the pgAdmin interface. The left sidebar lists database objects like Schemas, Tables, Functions, and Procedures. The main area shows a table named 'states' with columns: id, name, and region. A specific row for 'Alabama' is selected, showing its details: id=1, name='Alabama', and region='South'.

id	name	region
1	Alabama	South
2	Alaska	West
3	Arizona	West
4	Arkansas	South
5	California	West
6	Colorado	West
7	Connecticut	Northeast
8	Delaware	Northeast
9	Florida	Southeast
10	Georgia	Southeast
11	Hawaii	West
12	Idaho	West
13	Illinois	Midwest
14	Indiana	Midwest
15	Iowa	Midwest
16	Kansas	Midwest
17	Kentucky	Midwest
18	Louisiana	Southeast
19	Maine	Northeast
20	Maryland	Northeast
21	Massachusetts	Northeast
22	Michigan	Midwest
23	Minnesota	Midwest
24	Mississippi	Southeast
25	Missouri	Midwest
26	Montana	West
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