

JUSTICE OBIRI-DARKO - GIS Portfolio

Education

Kwame Nkrumah University of Science and Technology: **BSc.Geomatics**, GIS Concentration. Graduated June 2015.

Labone Senior High School: **General Science (Geography)**, Graduated May 2011.

Background

A highly motivated and hardworking engineer who loves all this wild frontier has to offer and has a particular passion for learning, especially about GIS. I am problem solver by nature and committed to utilizing technologically advanced tools to ensure accurate results in planning and managing complex metadata systems and motivated to learn, grow, and excel in Geospatial Industry.

Skills

PostgreSQL, MySQL, QGIS, SNAP, QSWAT, ESRI ArcGIS and Leaflet.js, Story maps, web maps development, Solid understanding of 2D and 3D modelling techniques. Knowledgeable of industry-standard GIS software such as Geoserver.

Work Experience

Geo-marketing Analyst, Group Vivendi Africa Ghana Limited
November 2021-Date

Assistant Cartographic Officer, Ghana Cocoa Board
August – September 2021

Geospatial Engineer, Baseline Solutions Limited
July – August 2021

Geospatial Engineer, GEOMAPS Freelancers
August 2018-Date

Geospatial Developer, Daystar Geodata Consults
September 2018-Date

GIS Consultant, Nachy Company Limited
September 2018- January 2019

Line Manager, Asuogyaman District Assembly (Asuogyaman NABCO Revenue Model)
December 2018- June 2019

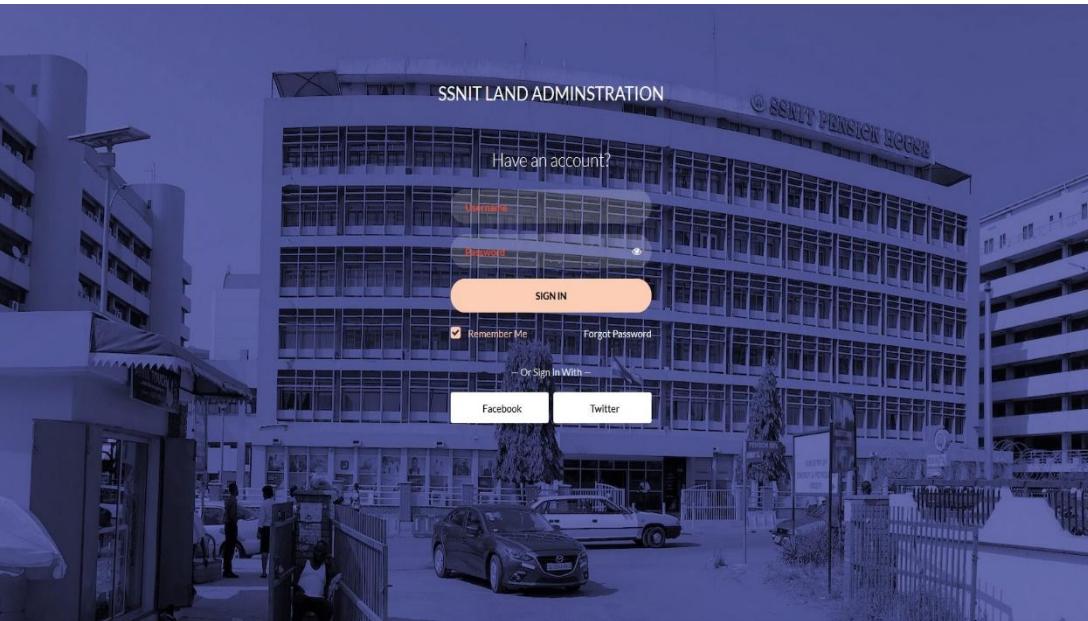
Data Manager, Survtech Engineering Limited
May 2018- June 2019

Spatial Data Analyst, Centre for Remote Sensing and Geographic Information Service
March 2017 -May 2017

Head of GIS Department, Henson Geodata Technologies
August 2017- May 2018

GIS Interns Supervisor, Henson Geodata Technologies
May 2015 – July 2015

Development of Land Management System for SSNIT (Baseline Solutions Limited)

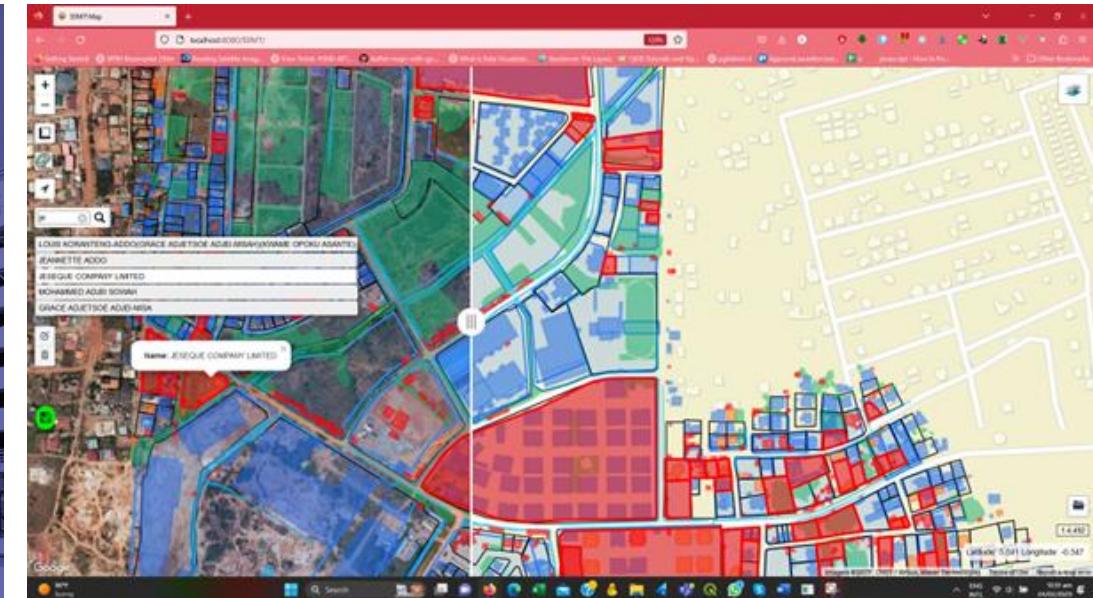


The screenshot shows the pgAdmin interface displaying a database query results grid. The query is:

```

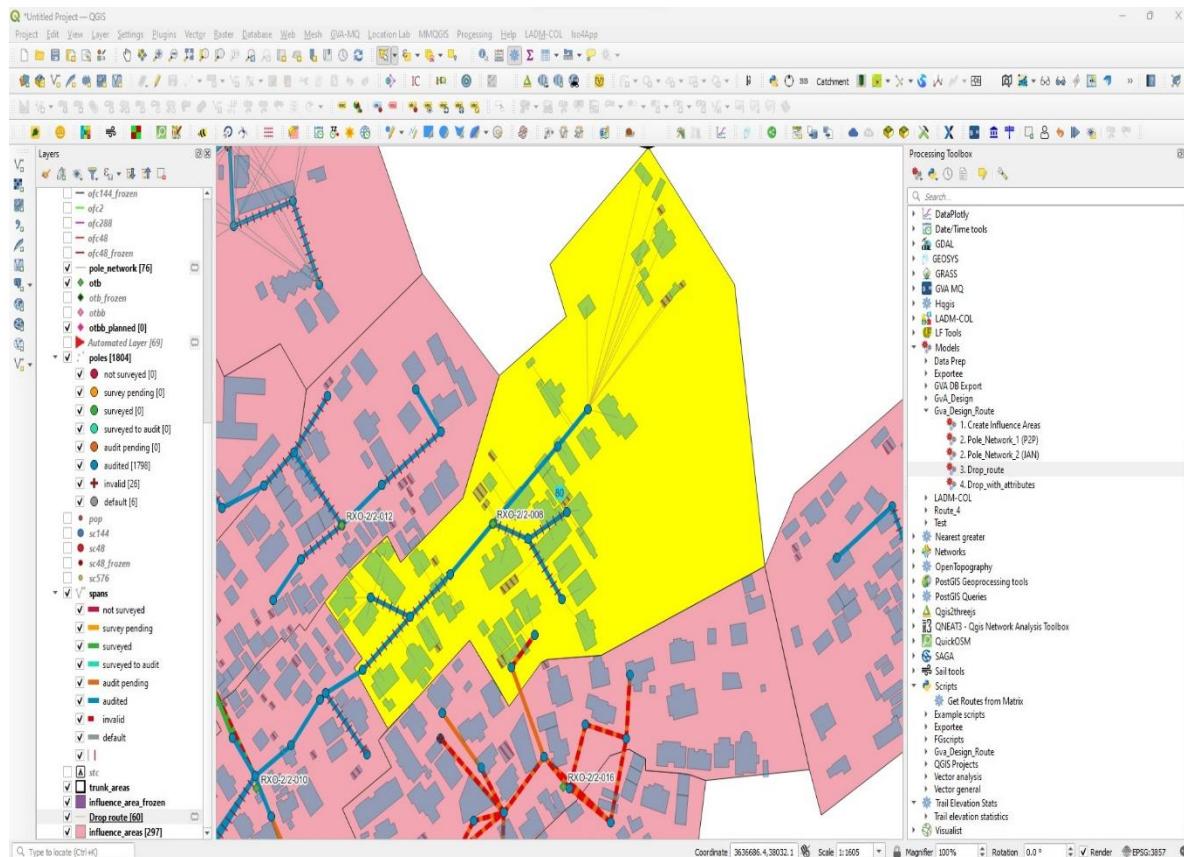
1 SELECT * FROM public."parcels"
2 ORDER BY gid ASC
  
```

The results grid shows columns for parcel_id, gis_address, sector, cluster, and name. The data includes various parcels with names like SAFO, DR. GABRIEL SANVI KWOFI, SUND (OH) REAL ESTATES CO. LTD, SAMSOL, SUND (OH) REAL ESTATES CO. LTD, and WEST HILL MALL.

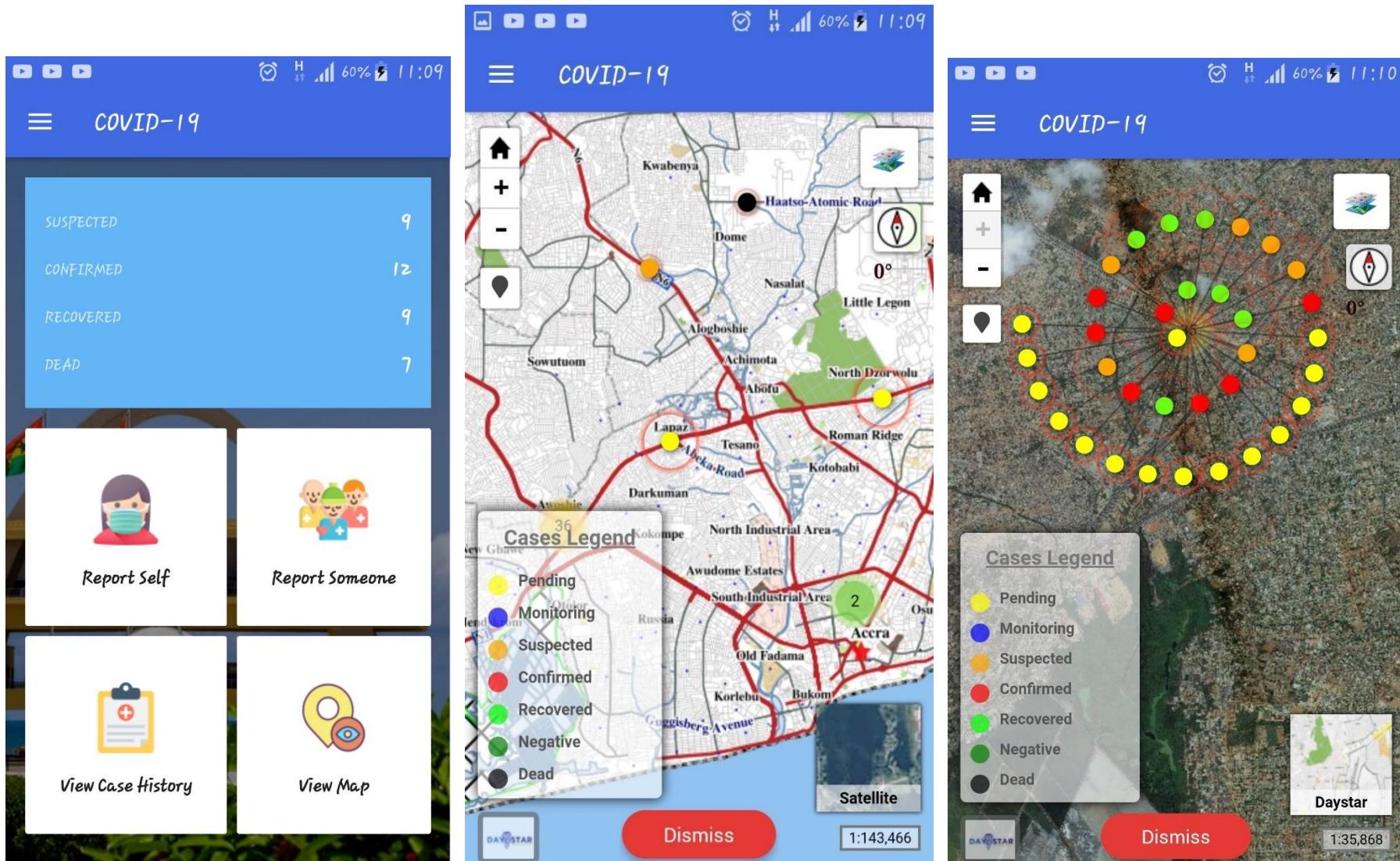


This screenshot shows a software interface for managing land parcels. It displays a detailed view of a specific parcel, including its address (PENTECOST INTERNATIONAL WORKSHOP CENTRE (PIWC), WEST HILL TERRACE, P.O. BOX 10140, KADINA), contact person (Perry), and a photograph of the property. The interface includes tabs for 'Parcel ID', 'GPS ADDRESS', 'PARCEL SIZE', 'SECTOR', 'CLUSTER', 'NAME', 'POST ADDRESS', 'RESIDENTIAL ADDRESS', 'EMAIL ADDRESS', 'TEL NO.', 'CONTACT PERSON NAME', 'CONTACT PERSON Tel No.', 'PICTURE', 'UNCOMPLETED BUILDING', 'BUILDING', 'WALL', 'LANDUSE', and 'COMPLIANCE'. A preview window shows a photograph of the property.

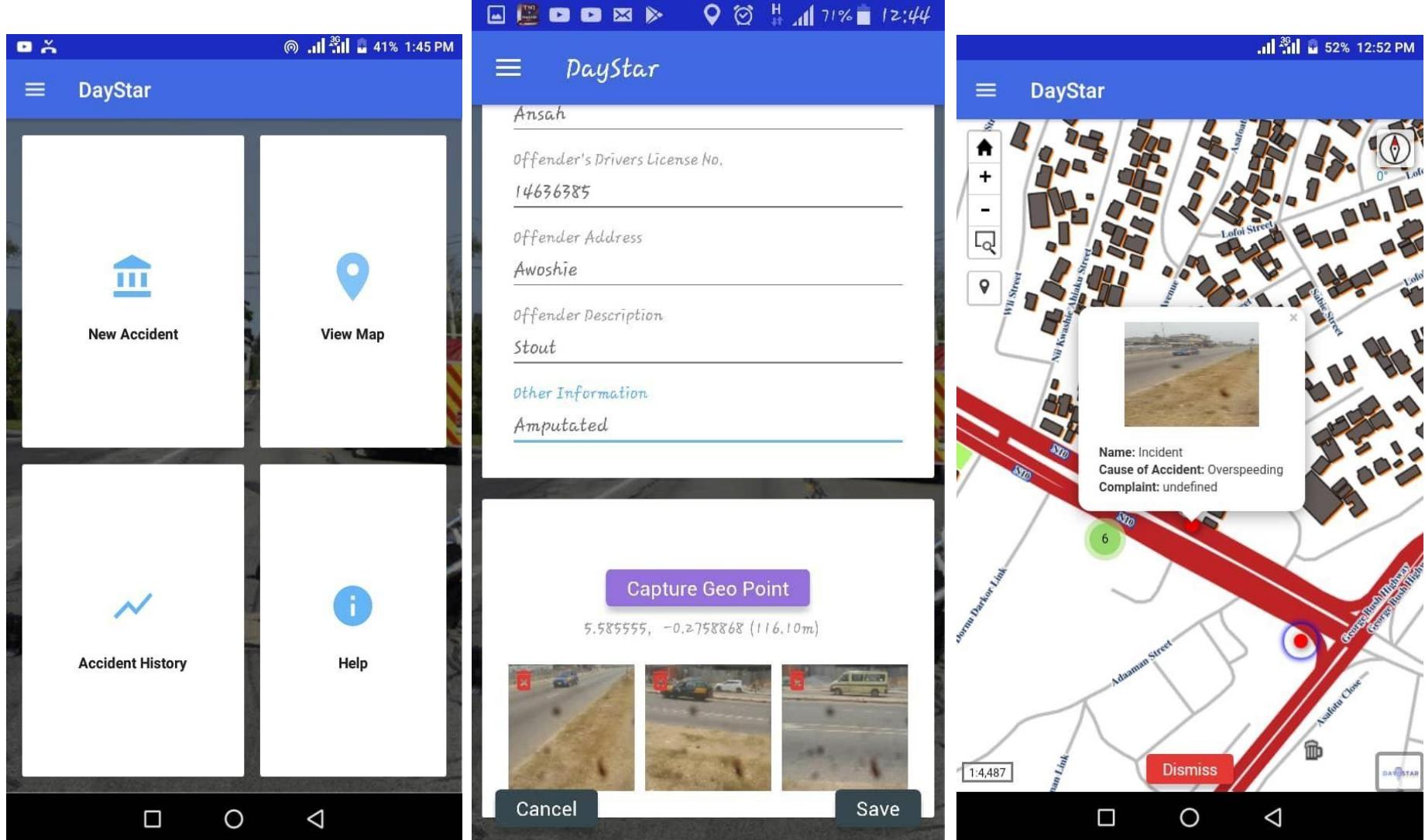
Development of Geo-Marketing Analysis Tools and scripts for Group Vivendi Africa Ghana Limited



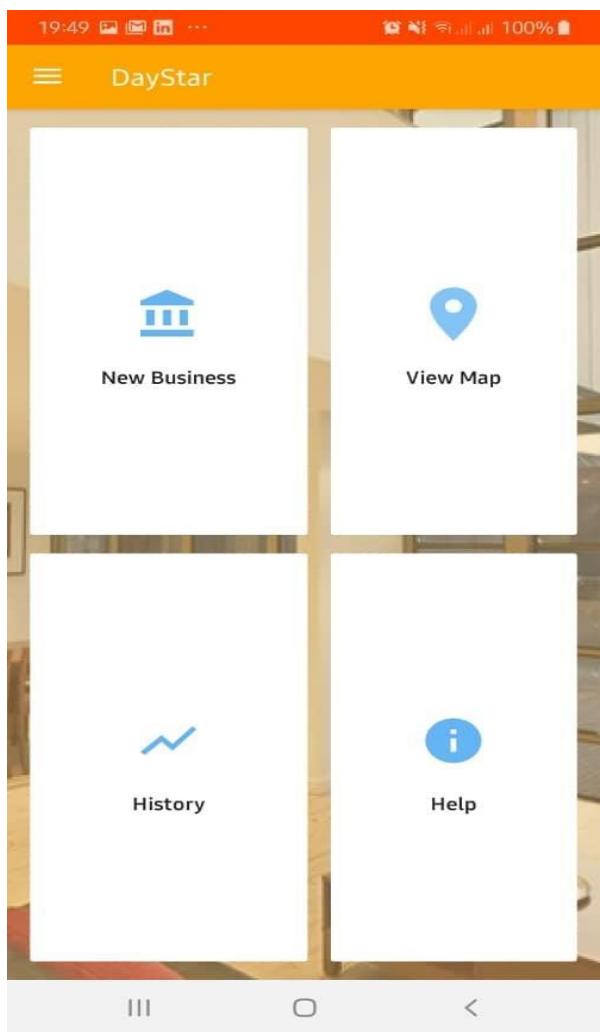
GhIS COVID-19 CONTACT TRACING APP



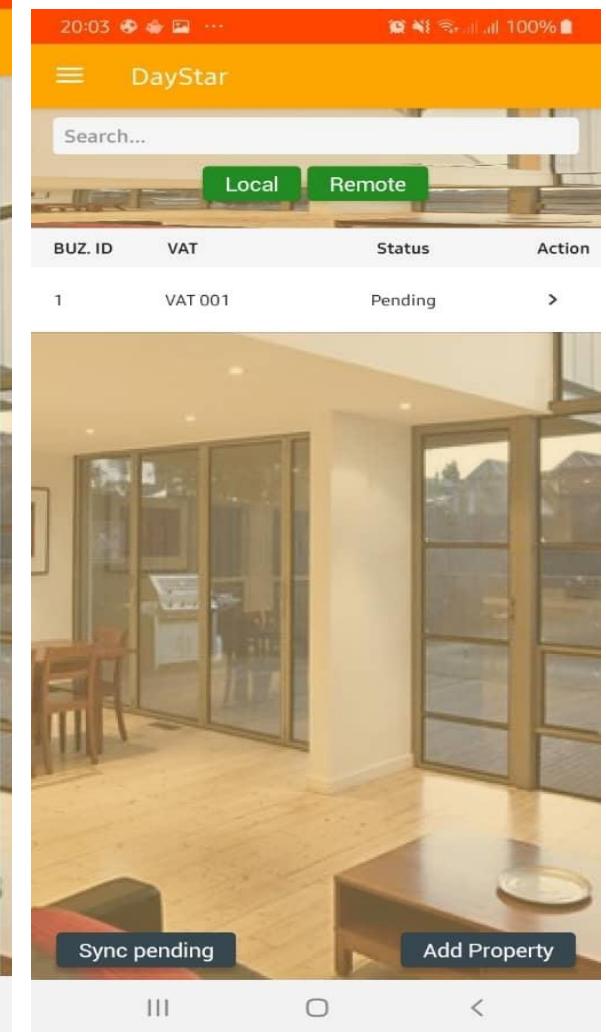
ROAD TRAFFIC ACCIDENT DATA COLLECTION MOBILE APP



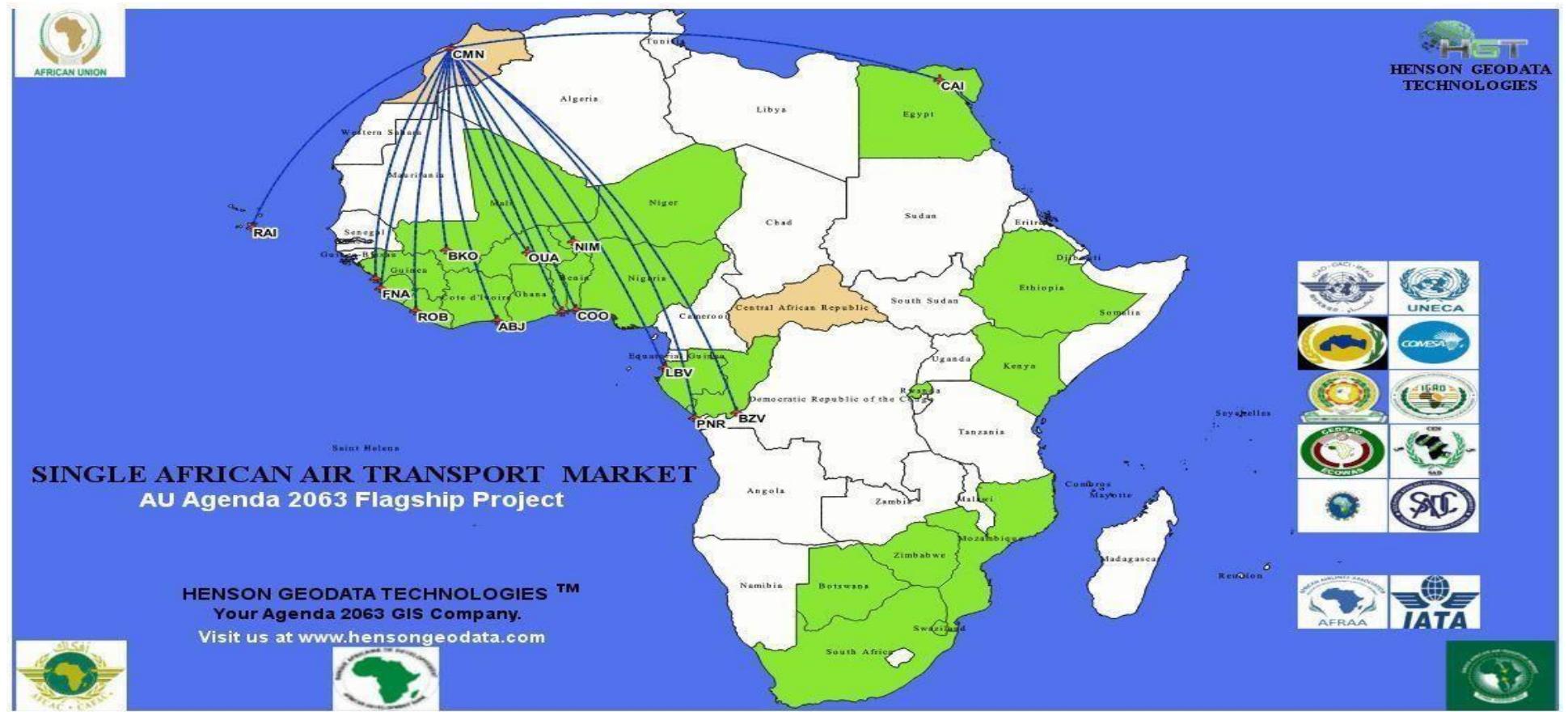
REVENUE MOBILIZATION DATA COLLECTION MOBILE APP



This screen displays the "Business Details" section of the app. It includes several input fields and a camera overlay. The fields are: "Type of business" (with a placeholder line), "Insurance" (with a placeholder line), "VAT Receipt" (with a placeholder line), "TIN No. of Business" (with a placeholder line), "Flow of business within the area" (with a dropdown arrow), "Time of business commencement" (with a placeholder line), and "Time of business registration" (with a placeholder line). A camera interface at the bottom shows coordinates: 5.6034644, -0.1841018 (39.60m). Buttons for "Capture Geo Point" (purple), "Cancel" (black), and "Save" (black) are present. The top navigation bar shows the time (19:56), signal strength, battery level (100%), and a three-line menu icon.

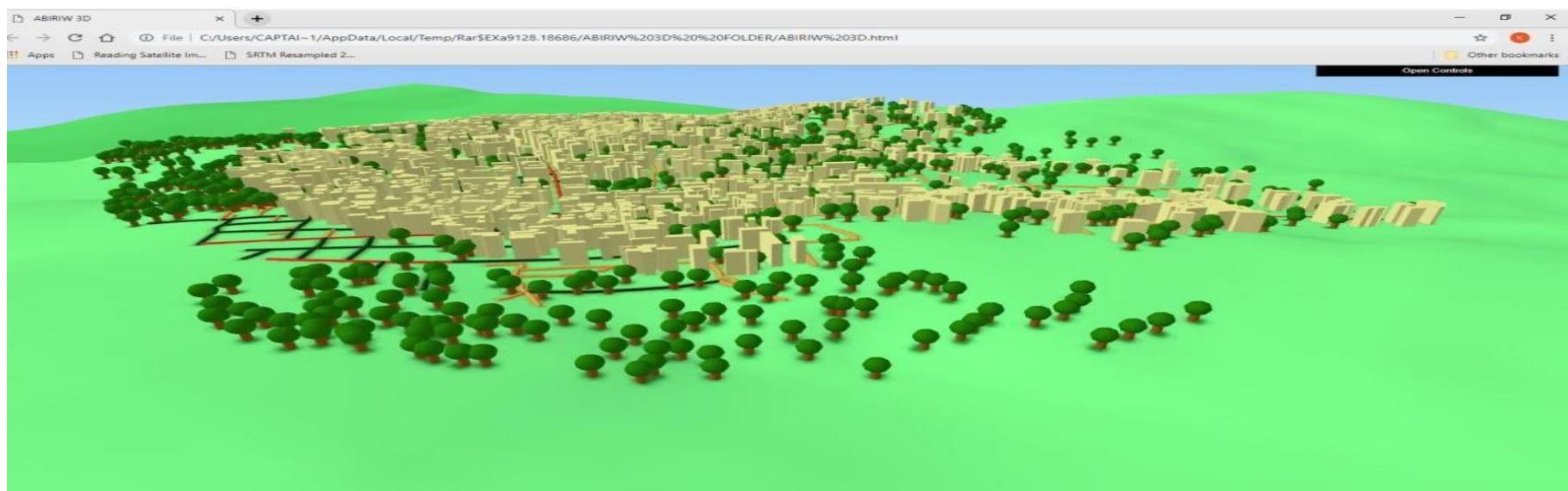
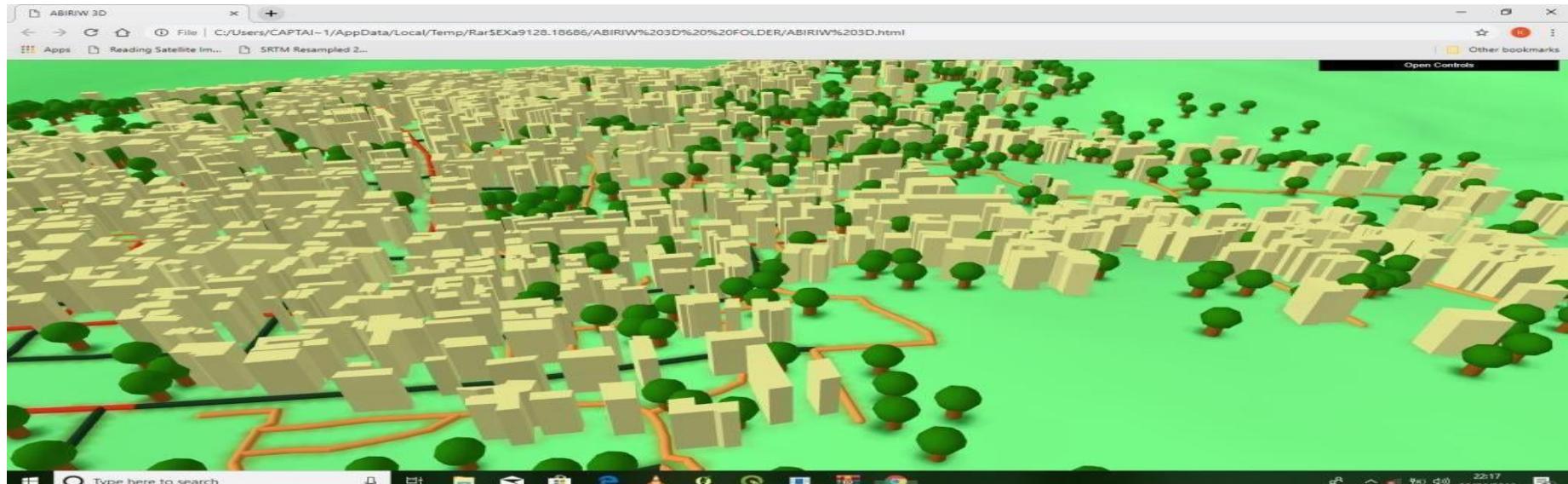


AIRLINE ROUTES ANIMATION FOR AFRICAN UNION ON SINGLE AFRICAN AIR TRANSPORT MARKET

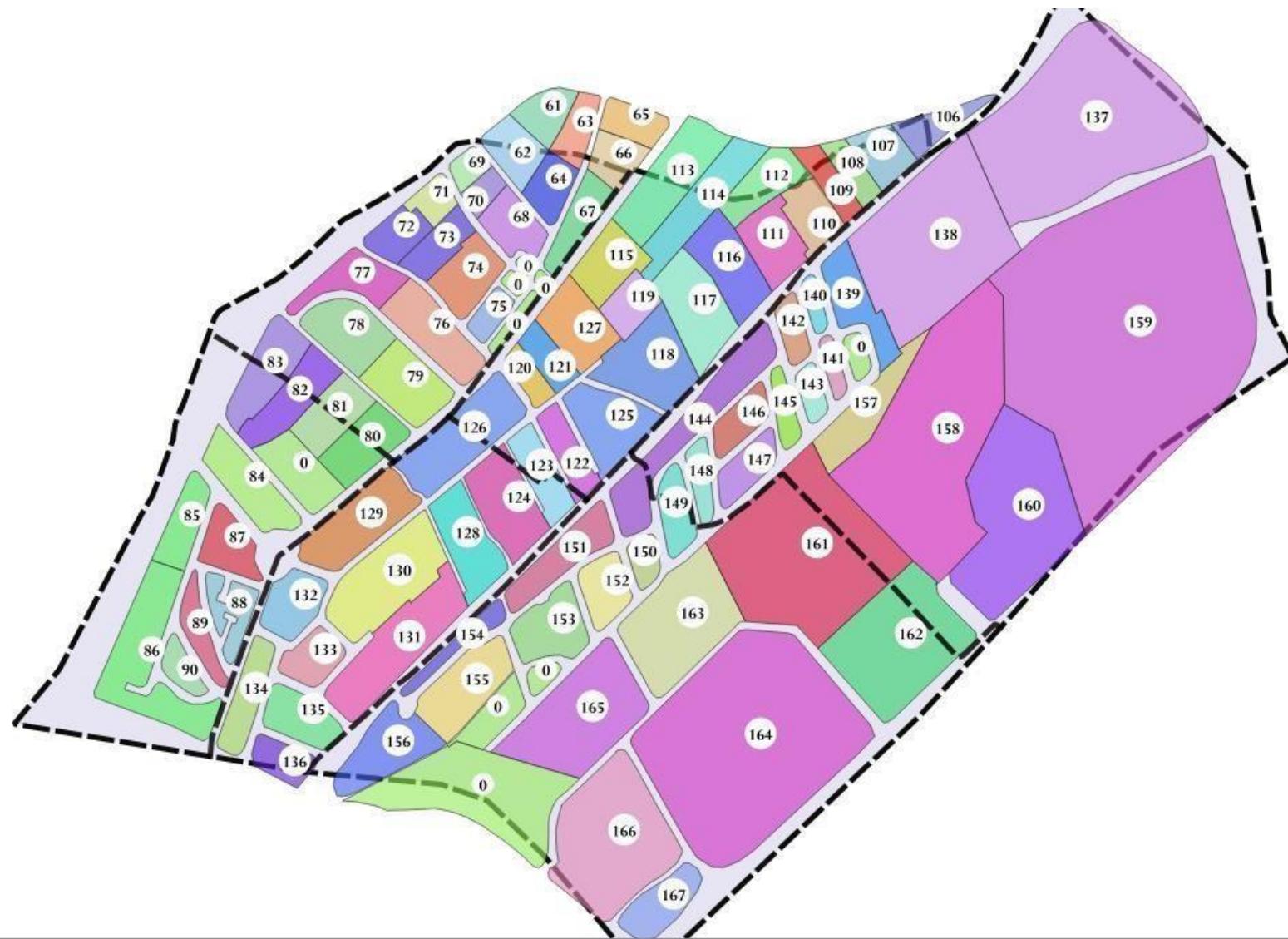


<https://drive.google.com/open?id=15fJGv5F8x68SxUpqdNEdrVBd7xNa2hxX>

3D WEBMAP OF ABIRIW (EASTING REGION)

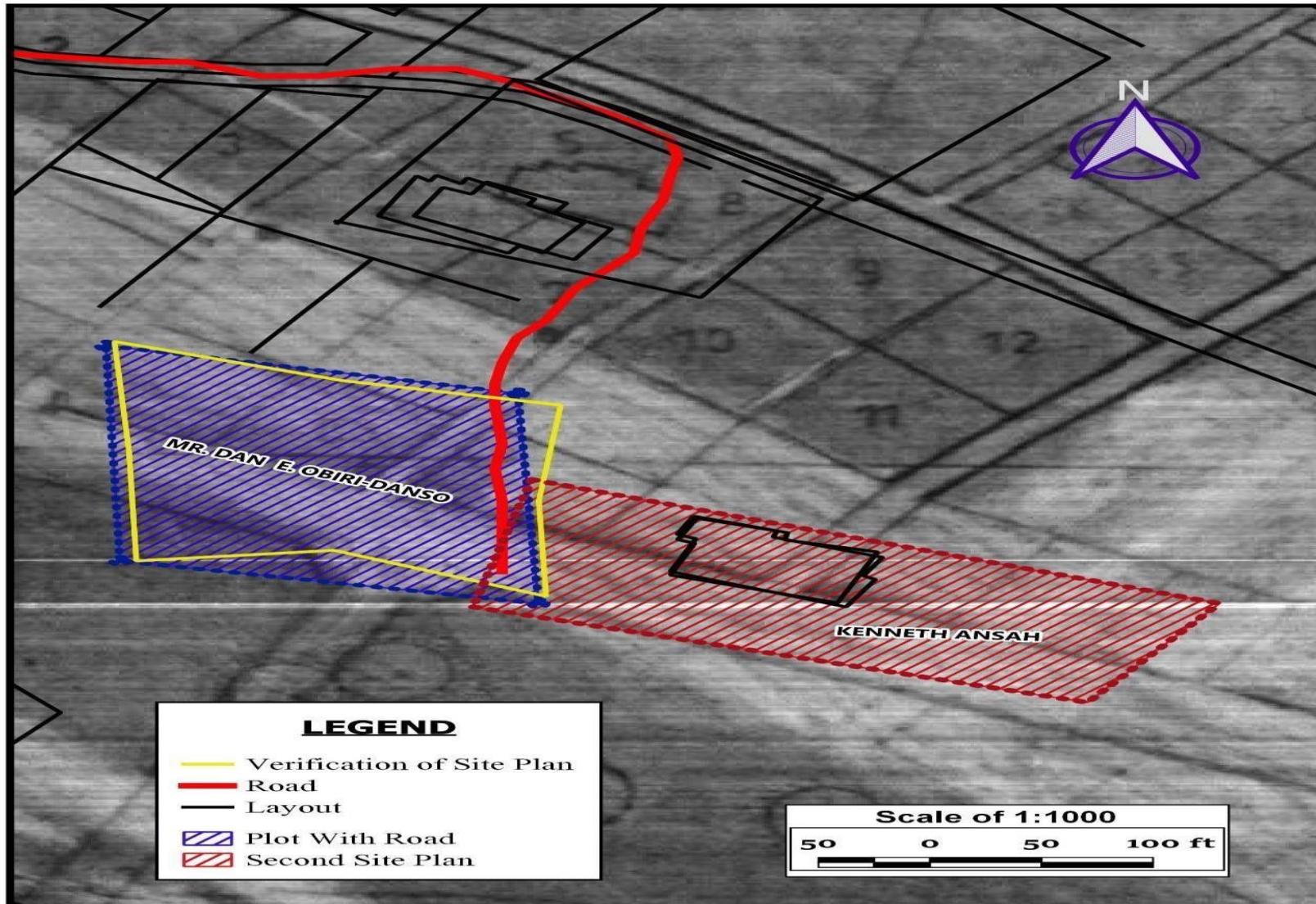


MAP FOR DATA CAPTURING AND REVENUE COLLECTION

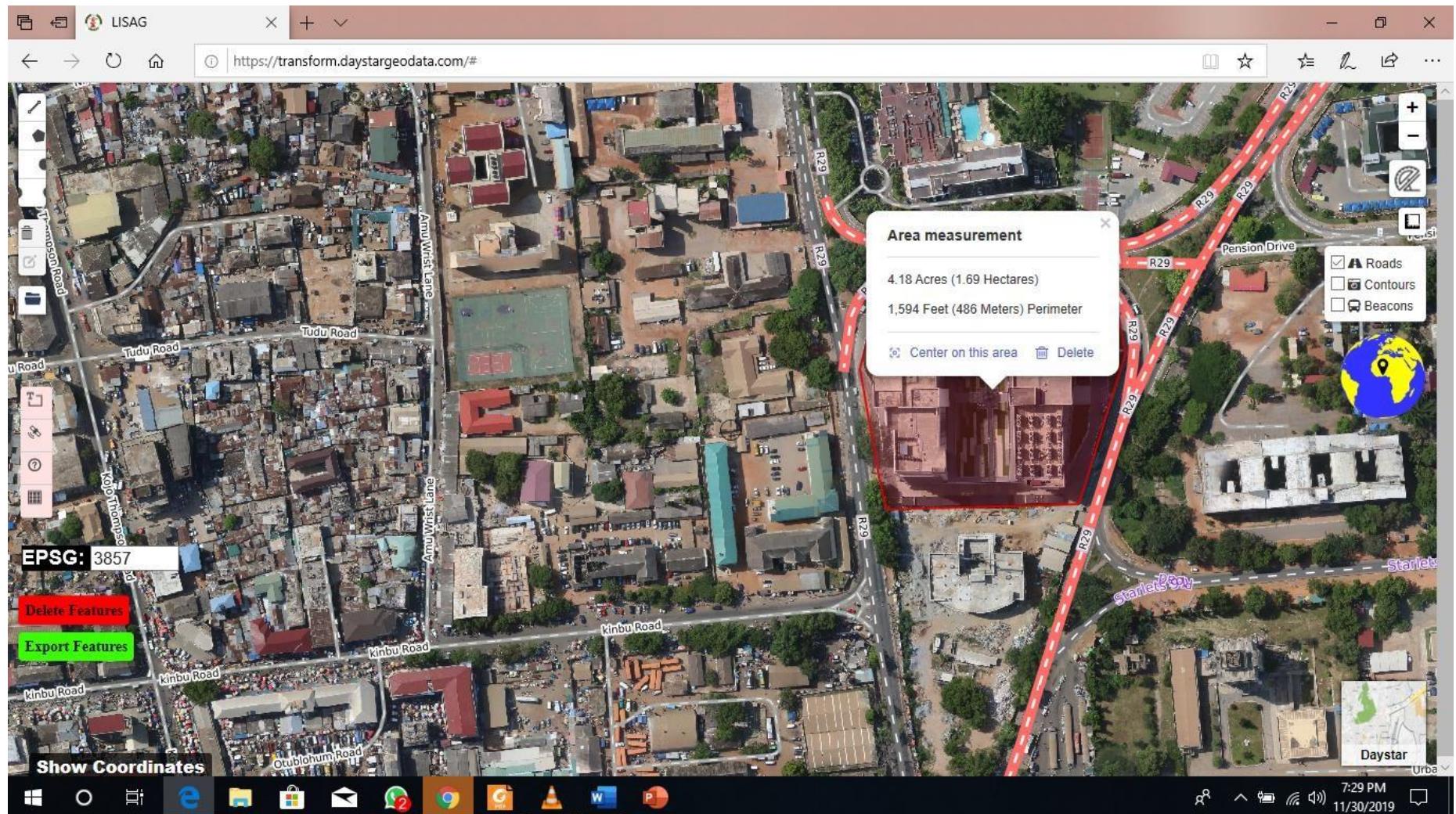


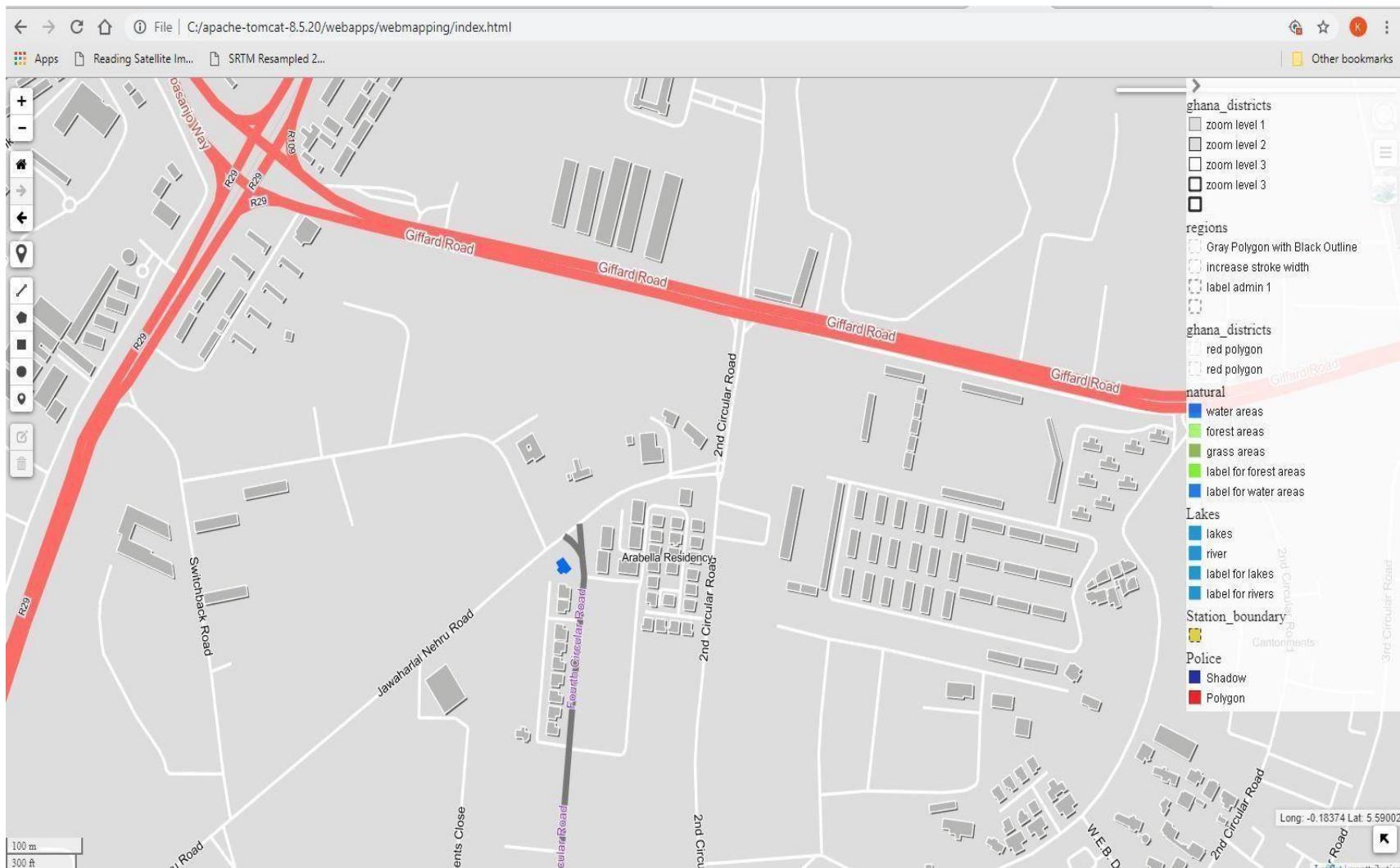


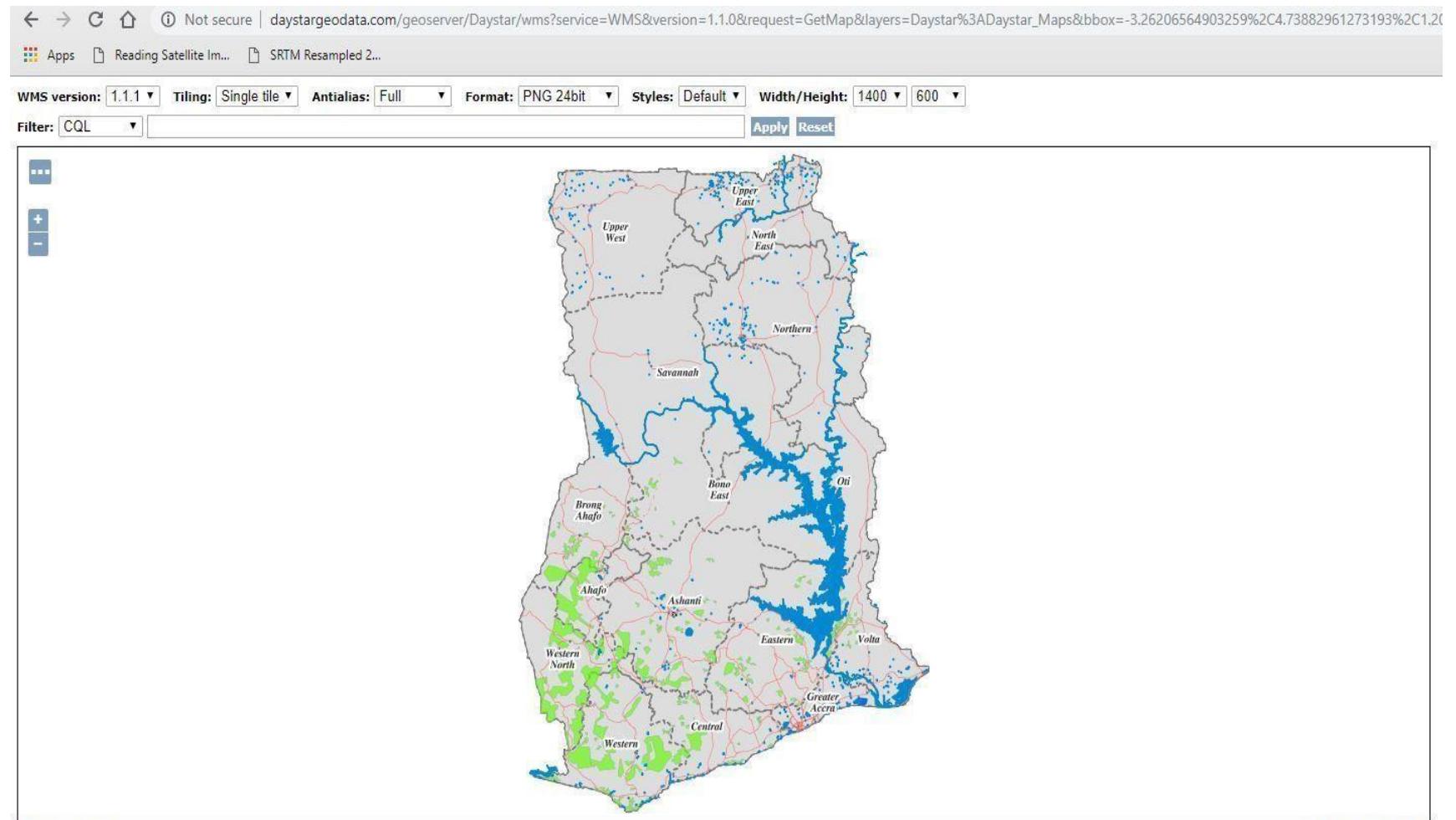
LAND BOUNDARY DISPUTE MAPS



PERSONAL WEB MAP OF GHANA



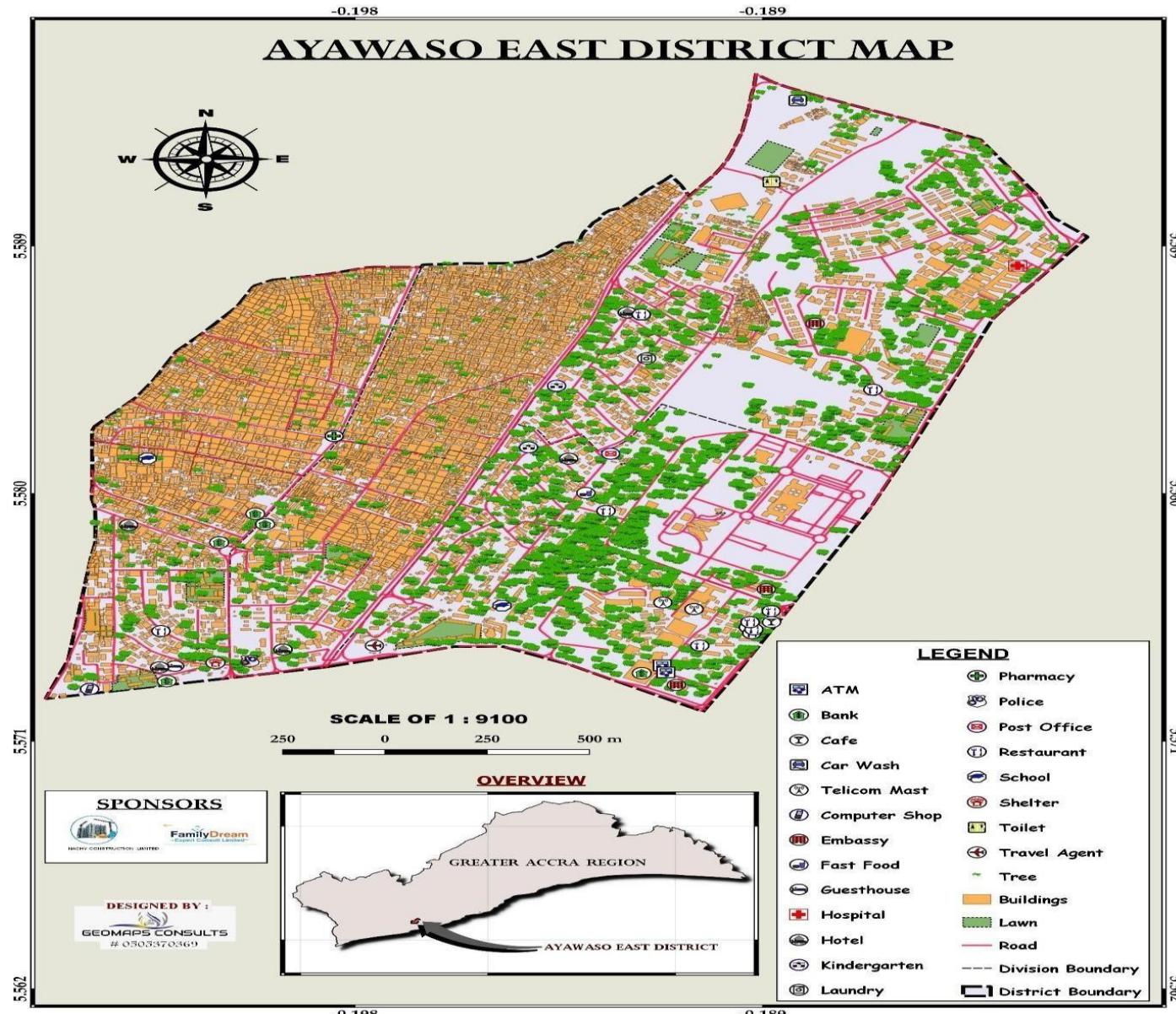




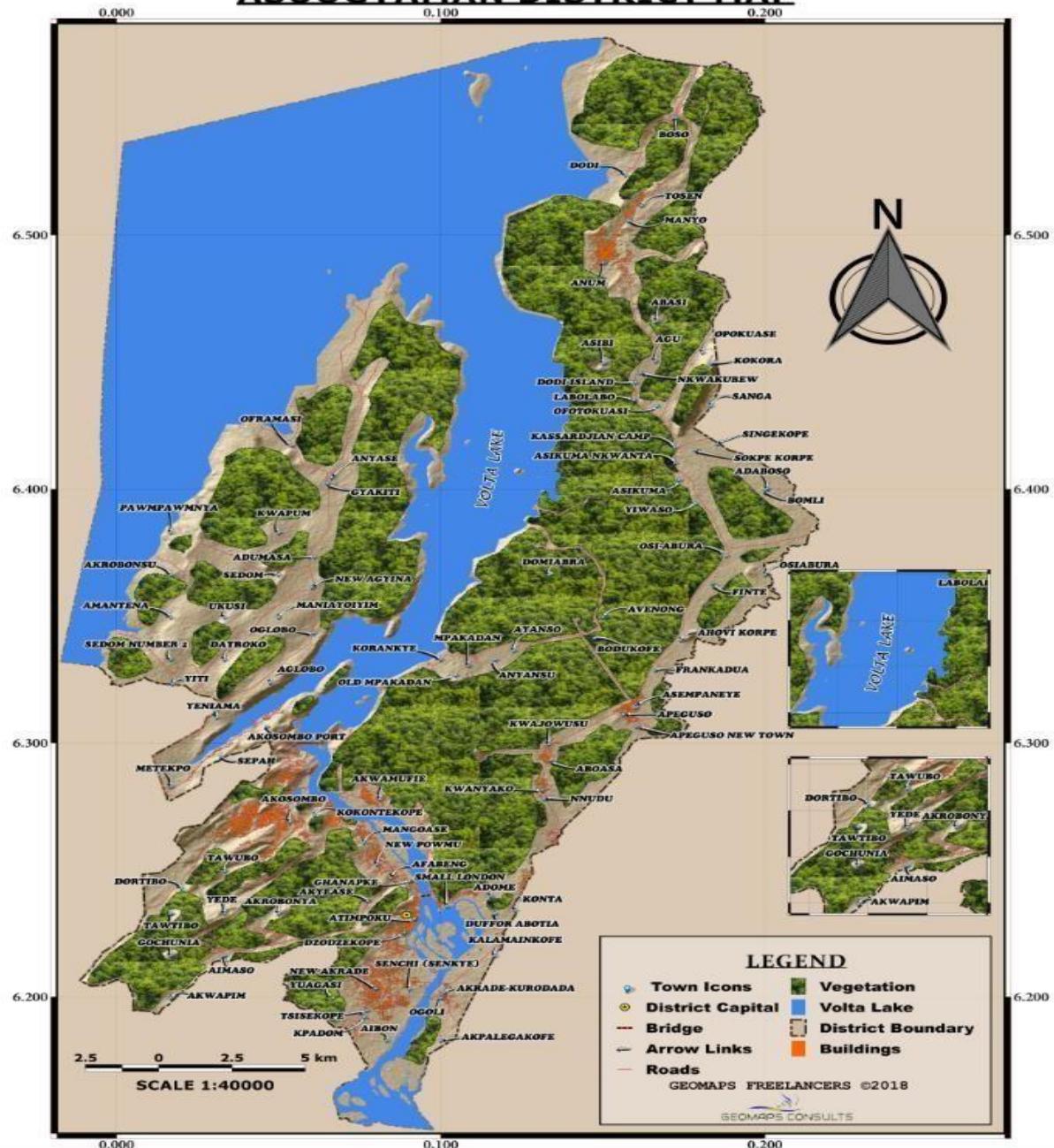
ghana_boundary

fid	gid	country_id	iso	country	dialcode	currency	daad_id	parent_id	grdpar_id	ancestr_id
ghana_boundary:1	1	b21	GHA	Ghana	+233	Ghana cedi	a1b21	a1		

MAP MAKING

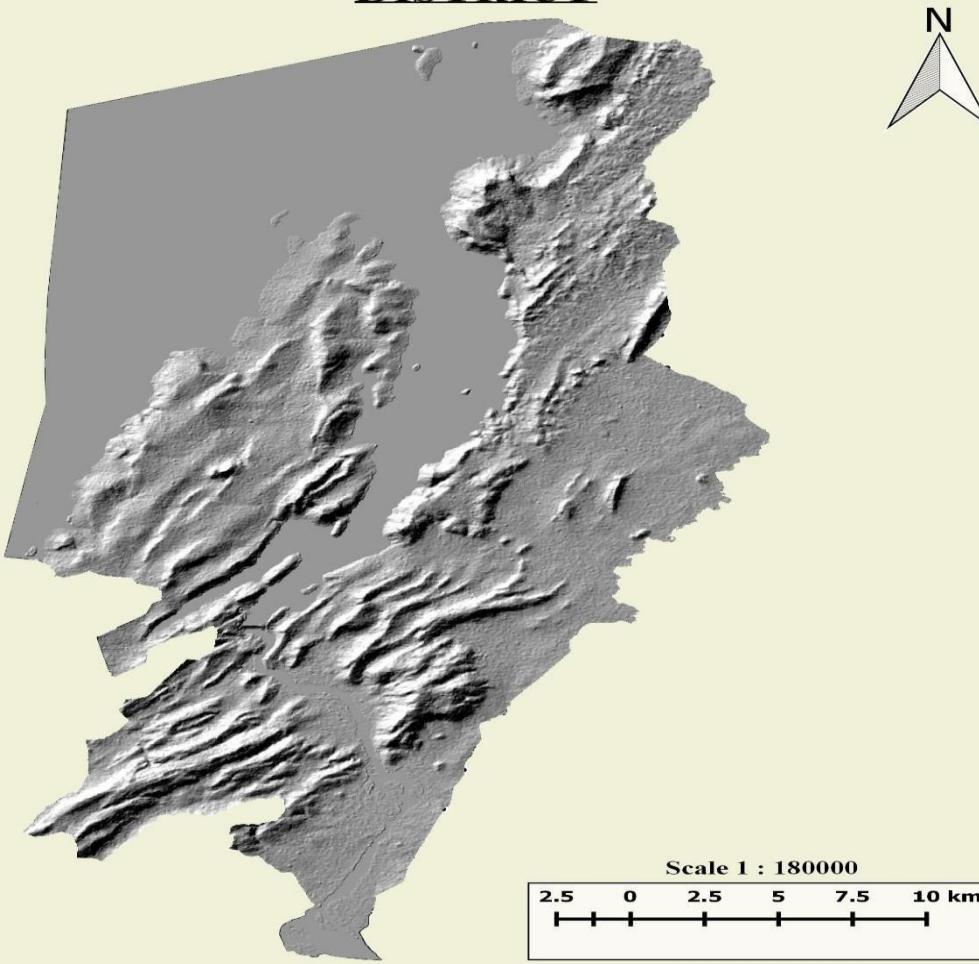


ASUOGYAMAN DISTRICT MAP

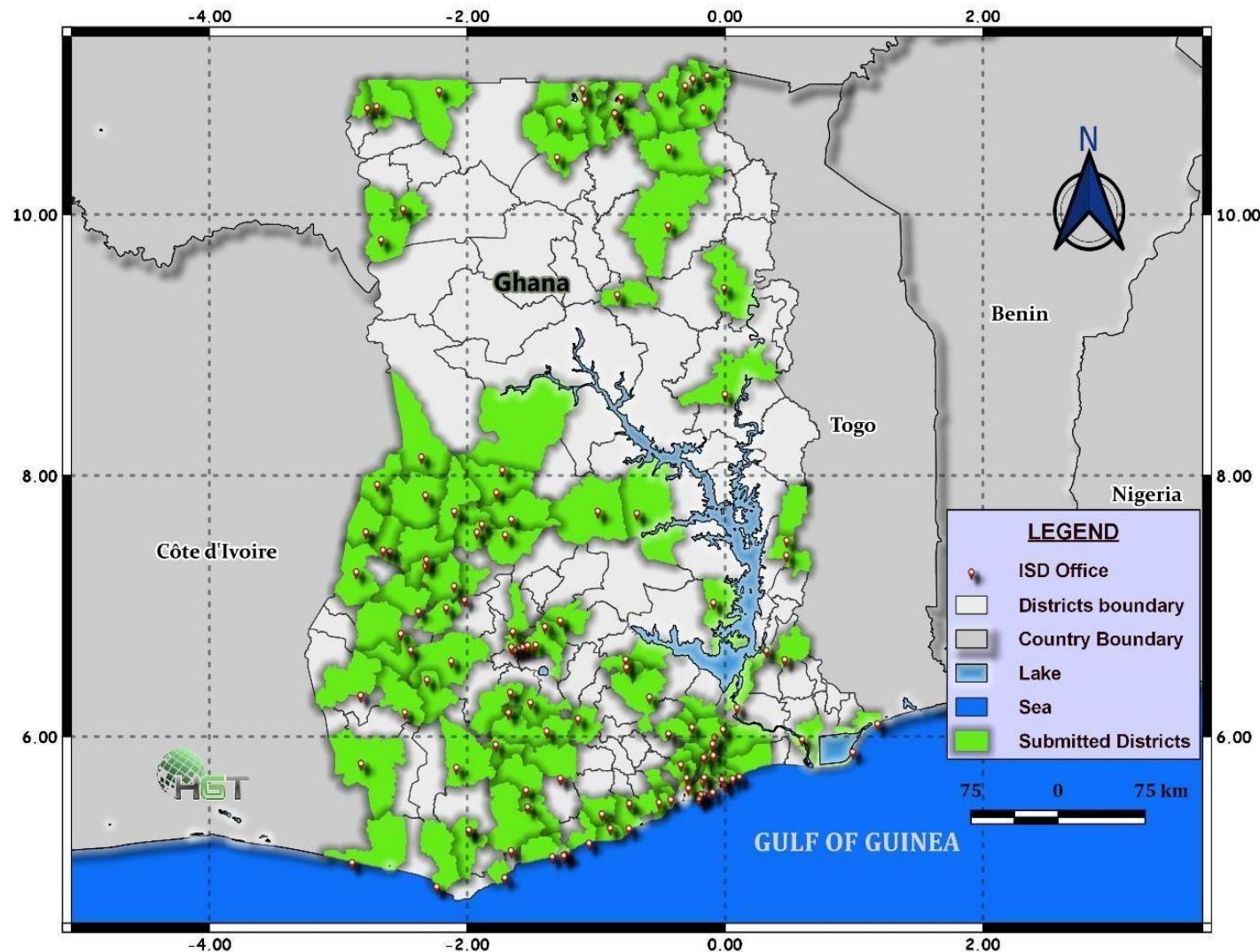


HILLSHADE ANALYSIS

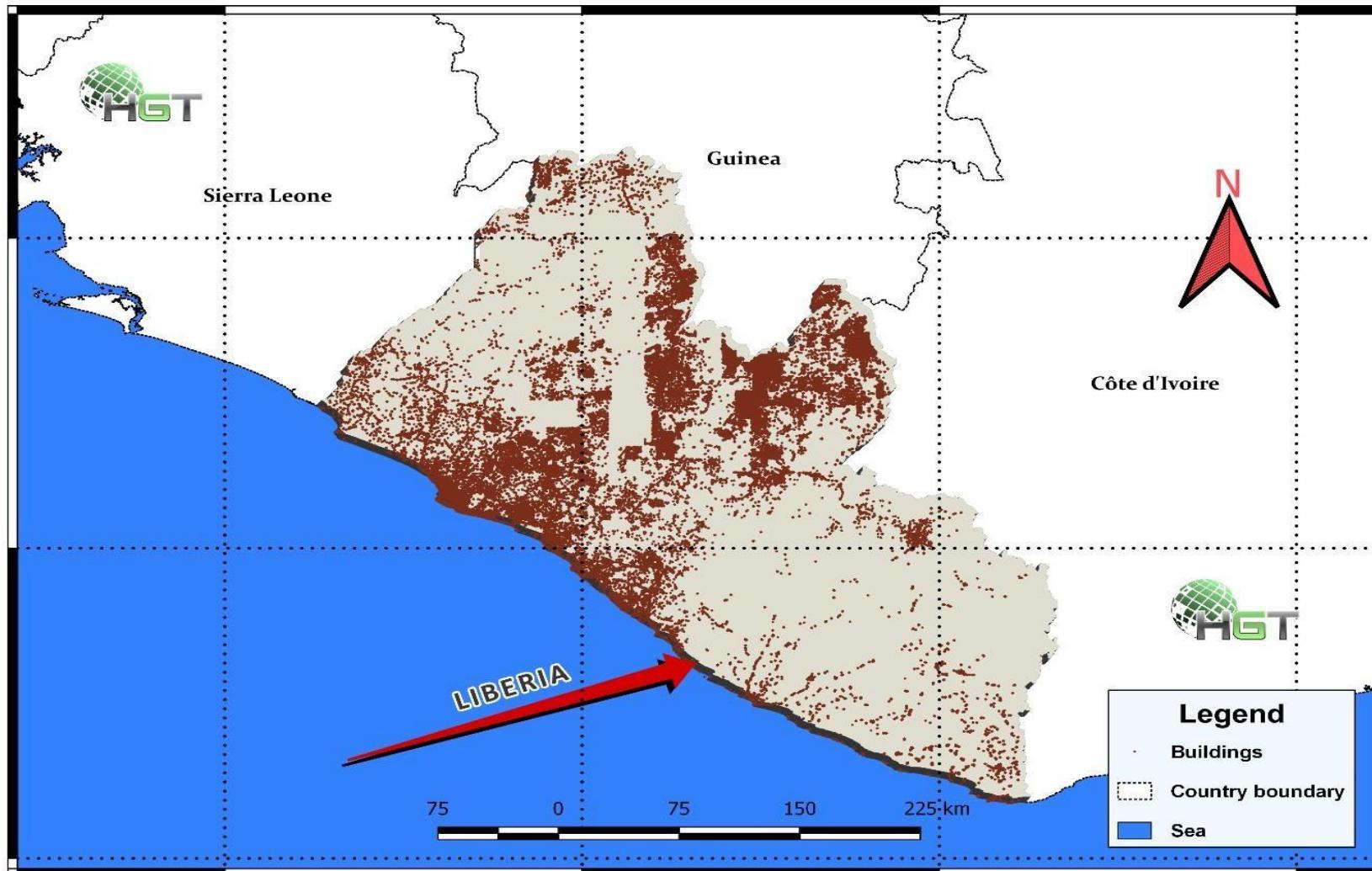
HILLSHADE EXTRACT FOR ASUOGYAMAN DISTRICT



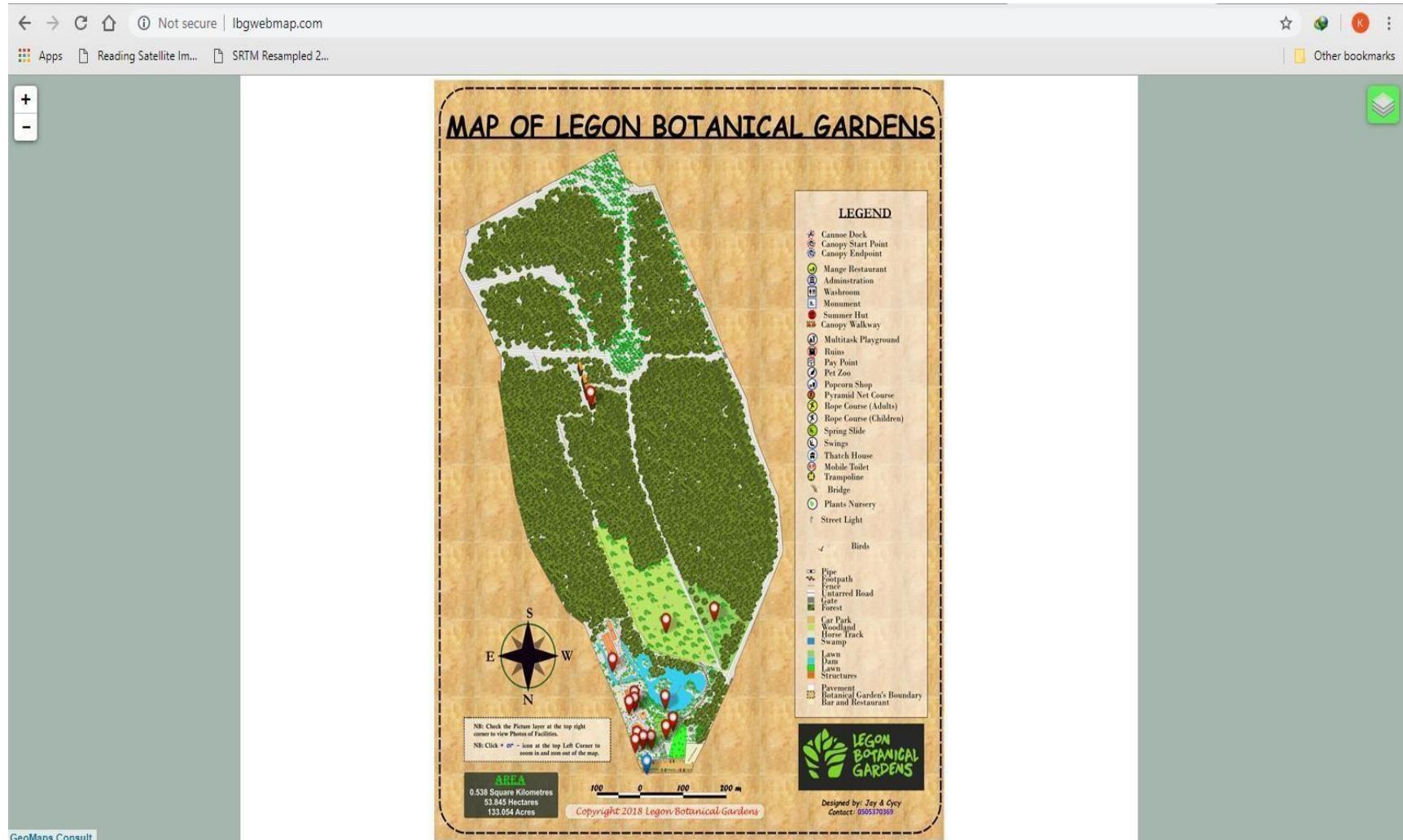
RESOURCE MAPPING FOR INFORMATION SERVICE DEPARTMENT



AUTHORITATIVE DIGITAL ADDRESSING SYSTEM FOR LIBERIA (ADASL)

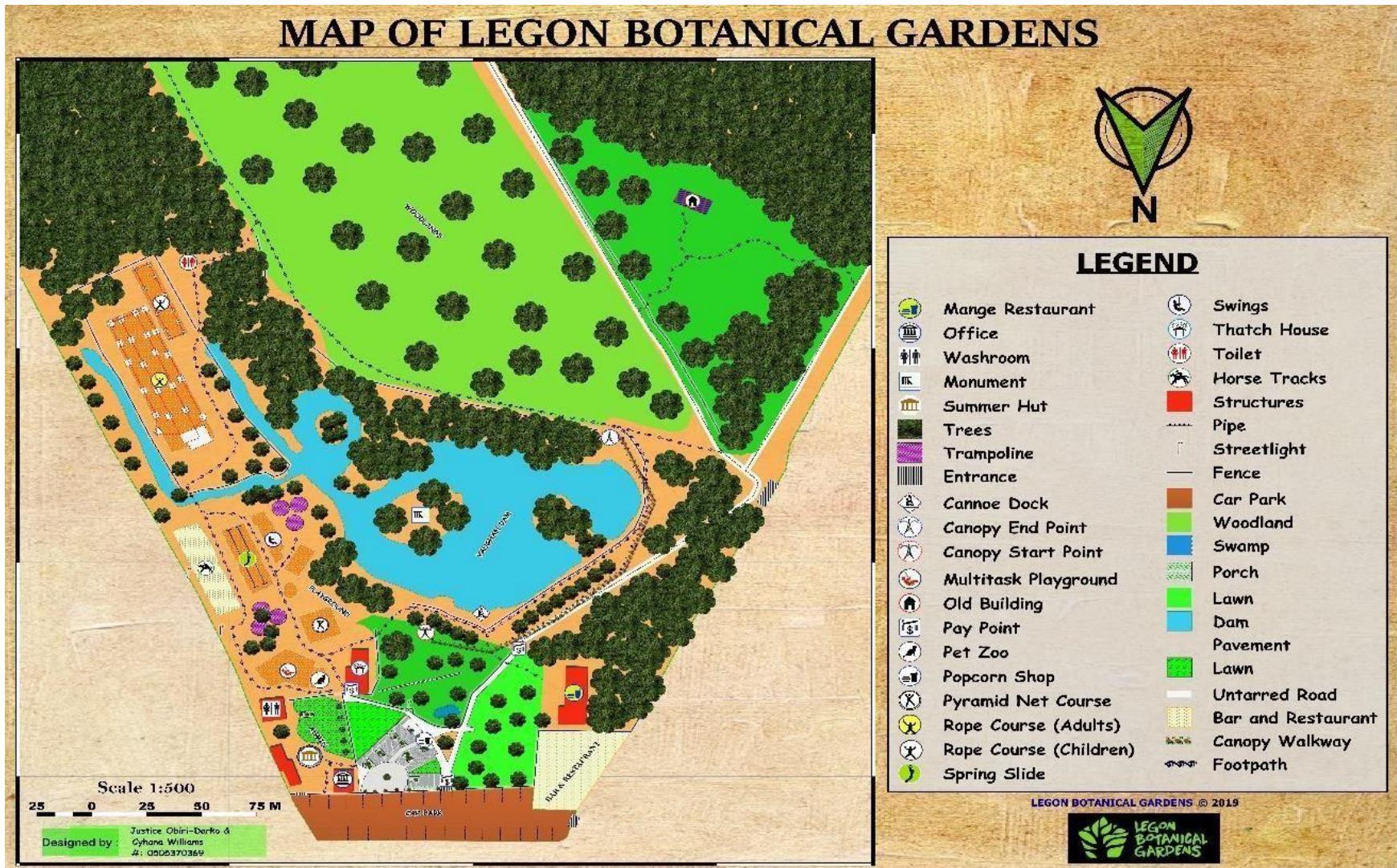


STATIC AND WEB LANDSCAPE MAP DESIGN FOR LEGON BOTANICAL GARDENS (MULCH COMPANY)



www.lbgwebmap.com

STATIC MAP OF LEGON BOTANICAL GARDENS



SILAPHA WEB MAP DESIGN

SILAPHA Webmap [About](#) [Tools](#) [Print Map](#)

Filter

Layer

Field

Operator

Value

[Remove filter](#) [Apply filter](#)

Basemaps Satellite Dumela map none

WMS/WFS layers African Towns (feature) Africa Districts Ghana Roads (WMS) World countries (WMS)

Field layers Survey Pillars Electric Poles

Arabian Sea

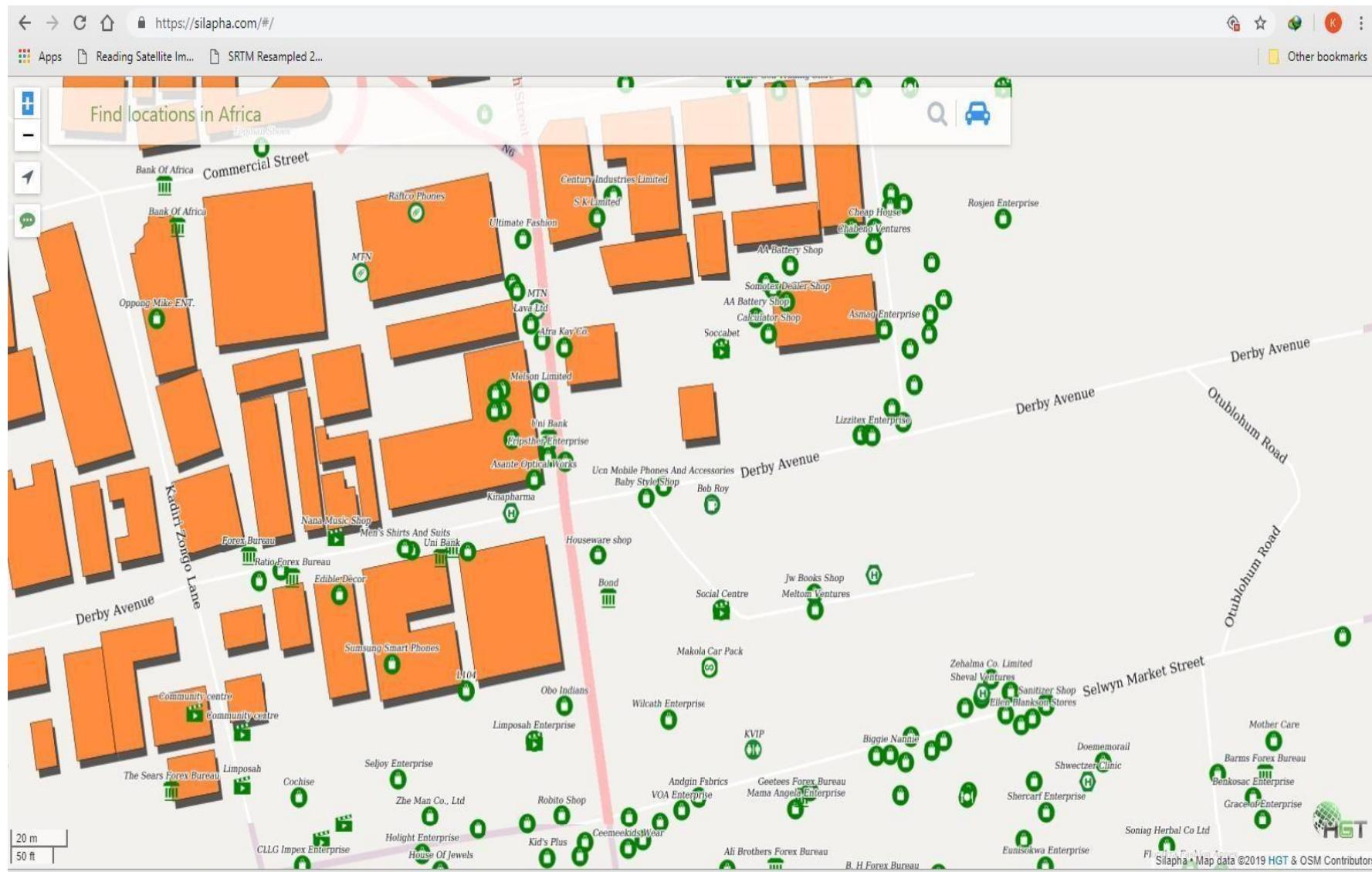
79°F Partly cloudy

LeaRet

8 ENG INTL 6:51 pm 02/10/2022

https://geo.silapha.com/silapha_map/

POINTS OF INTERESTS (POI) DATA COLLECTION



NIMA BLOCK MAP

