



AERIAL CONSULTING LIMITED  
Environmental, GIS & Earth Observation Consultants  
Providing Quality | Results | Consulting Services

## CAPABILITIES STATEMENT

# Spatial intelligence for smarter decisions

Environmental, GIS & Earth Observation consultancy serving power, water, mining, agriculture, and infrastructure clients across Zambia — from initial assessment to final delivery.

Environmental · GIS · Earth Observation Consultants

WHO WE ARE

# A science-driven consultancy

Geo Aerial Consulting Limited was founded and registered in 2022 to provide Environmental, Geographic Information Science (GIS), and Earth Observation services. We serve clients across the power, water, agriculture, mining, construction, and infrastructure sectors — combining GIS, remote sensing, and environmental data analysis to turn complex spatial information into decisions our clients can act on.

### OUR MISSION

Focusing on what we do best, our mission is to provide high-quality and reputable consulting services that cater to our clients' needs at every project stage — establishing enduring partnerships, fostering innovation, and contributing to sustainable development and responsible environmental stewardship.

### OUR VISION

To be the leading environmental, GIS, and Earth Observation consultancy in Zambia and the wider region — turning spatial data into decisions that build a sustainable future.

**13**

Projects delivered

**5**

Core specialists

**6**

Service areas

**4+**

Years in practice

## SECTORS WE SERVE

### Power & Energy

Transmission, generation, solar

### Mining & Extractives

Baseline, monitoring, compliance

### Agriculture & Forestry

Land cover, change detection

### Infrastructure & Roads

Surveys, site modelling

### Water & WASH

Hydrology, water quality

### Construction

Drone survey, 2D & 3D models

# End-to-end consultancy services

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## 1 GIS & Earth Observation

Drone surveys, topographic mapping, spatial data analysis, land use change detection, and 2D & 3D site modelling.

Drone Mapping

Remote Sensing

Change Detection

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## 2 Environmental Consultancy

ESIAs, Environmental Management Plans, baseline studies, audits, and air, water, soil, and noise monitoring programmes.

ESIA

EMP

Audits

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## 3 Ecological & Biodiversity

Protected species surveys, ecosystem mapping, biodiversity assessments, and ecological management plans.

Species Surveys

Ecosystem Mapping

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## 4 Socioeconomic Consultancy

Stakeholder engagement, resettlement action plans, livelihood restoration, and grievance redress mechanisms aligned with IFC standards.

RAP

GRM

Stakeholder Engagement

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## 5 Water Resources

Hydrological assessments, WASH services, water quality monitoring, and sustainable resource optimisation across urban and rural settings.

Hydrology

WASH

Water Quality

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## HOW WE WORK

# A transparent four-stage process

1

### Initial Consultation

We understand your scope, timeline, regulatory requirements, and budget.

2

### Scoping & Proposal

A detailed technical and cost proposal tailored to your site.

3

### Field & Data Work

ESRI field apps (Survey123, Field Maps), drone flights, remote sensing, and consultations.

4

### Reports & Delivery

Regulator-ready reports with ongoing support and revisions.

## OUR PEOPLE

### Specialists behind the work

**Gift Mulenga** Founder & Team Lead · GIS Specialist

**Brian Kashiwa** Co-Founder · Business Development

**Ivwananji Tembo** Natural Resources & Socioeconomic

**Jeffery Mwila** Wildlife Ecologist · Avifauna

**Pardon Kamawu** Geologist & Hydrogeologist

## Ready to start your next project?

Describe your challenge and we'll respond within one working day with a clear path forward.

### PHONE · WHATSAPP

+260 969 148 113

### EMAIL

[info@geoaerialconsulting.com](mailto:info@geoaerialconsulting.com)

### WEBSITE

[geoaerialconsulting.com](http://geoaerialconsulting.com)

### OFFICE

Kitwe, Copperbelt · Zambia