

Review Report

Research Paper Title: *Unmanned Aerial Geographical Remote Sensing: A Survey*

This research paper comprehensively reviews the state-of-the-art UAV-based geophysical methods, encompassing magnetometry, gravimetry, and gamma-ray spectrometer radiometry. The authors provide a detailed account of modern technology applications in geophysics, which are crucial for contemporary research and relevant to current technological advancements.

However, there are some observations that I believe the authors should address. The authors need to revise the structure of the research paper. The methodology and results sections should be separated. As it stands, the sections are somewhat cluttered, making the paper unclear and disrupting its flow.

The authors should also separate the discussion and conclusion sections for improved clarity.

Abstract

In the abstract, the authors need to review lines 11–12 and rephrase the research objective. In lines 16–20, the results section should be quantified as percentages against the parameters used in the study. These parameters or variables should be clearly defined in the methodology section.

Introduction

In the introduction, lines 69–76 require attention. The research gaps are not clearly defined, and rephrasing is necessary to clarify them.

Methodology

Research parameters and variables are not specified, which affects the presentation and interpretation of results. The authors should indicate whether qualitative or quantitative techniques were applied.

Results

The results are not well presented because the research parameters and variables were not clearly defined. This makes it difficult to interpret the results. The results section should be distinct from the methodology section.

Discussion and Conclusions

For clarity, the discussion and conclusion sections should be separate from each other.

Report recommendation

I feel the authors should attend to the issues ,that I have raised above. Revise the research and resubmit it