

Review of: "Ancient Trails of the Surigao Gold District: A Preliminary Baseline Predictive Model"

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Potential competing interests: No potential competing interests to declare.

Below are my comments;

- 1- Introduction is way too short and needs a thorough revision. Literature review is also very poorly done.
- 2- Expand the literature review to clearly present the research gap and problem statement. See some recent works.
- 3- The main contribution and novelty of the work should be presented in the last paragraph of the introduction section.
- 4- We suggest the authors to add a workflow chart of image pre-processing and processing techniques applied in this study.
- 5- Because the image can replace thousands of word, the figures need more attention. We recommend the authors to rework the layout of all images presented in this paper and they can take other papers as example.
- 6- The Discussion also needs rewriting with a full in-depth discussion of the comparison results that is related back to the new section of the Introduction where the choice of the various methods tested has been justified.
- 7- Rewrite the manuscript following the classic structure:
Introduction (include the motivation)
Area of Study
Data and Method
Results
Discussion (covering at least 2 pages by giving some scientific insight to the result rather than simply stating a figure/value)
Conclusion.