

# Review of: "Factors Affecting the Safety Management Practices of Road Construction in the Sidama Region Road Administration"

Muhammad Imran Malik<sup>1</sup>

<sup>1</sup> COMSATS University Islamabad

Potential competing interests: No potential competing interests to declare.

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I have received a manuscript to review titled "Factors Affecting the Safety Management Practices of Road Construction in the Sidama Region Road Administration". I appreciate the efforts of the authors. The review points are provided below;

1. Abstract is acceptable
2. There is severe scarcity of the relevant latest citations/references.
3. Arguments are not well-built for generating gaps for the study.
4. Throughout, the latest citations/references are missing to support the arguments.
5. There is no need to provide separate research questions.
6. Literature review is deficient in latest research support.
7. What I would suggest is that this paragraph should be placed in the introduction section rather than the literature review section, "The Sidama Region Road Administration plays a vital role in the construction and maintenance of road infrastructure in the region. However, little research has been conducted to evaluate the safety management practices of road construction in this specific context. Therefore, this study aims to fill this gap in the literature by assessing safety management practices in road construction projects conducted by the Sidama Region Road Administration, providing valuable insights and recommendations for enhancing safety levels."
8. Under section number 2.2.1, the authors have missed out providing citations/references to build the argument. What I have observed is that this is the major issue with the whole document, therefore, making it very difficult to consider it as research.
9. In the abstract section, the authors have written that they used qualitative and quantitative methods; however, they have missed out providing information about the qualitative methods used in the methodology section.
10. Methodology section needs attention. The methodology section must contain the following;
  - a. Information about the population and sampling, the research design used, the sampling procedure used, the sampling technique, sample size, justification for the sampling technique used. Also, add the justification for the sample size selected. Have other similar studies used a similar sampling technique?
  - b. The information about the data collection tool, i.e., questionnaire. From where you have selected the

questionnaires, have you adopted or adapted? How many items for each questionnaire were there? What was the reliability score of the questionnaire as stated by earlier studies?

- c. If the questionnaires were adapted, then how the authors treated the questionnaires and ensured the reliability and validity.
  - d. When (which time period) the questionnaires were used to collect data, how the authors have ensured the problem of common method bias.
  - e. Procedure to collect data also needs refinement.
  - f. Provide the details of the statistical tests used for analysis in the methodology section.
11. The results are fine. However, the coefficient of determination needs more explanation.
  12. There is no need to repeat the results by providing beta values and the values of significance in the discussion section; however, the results must be compared to existing studies in the same field.
  13. Implications section is missing.
  14. Limitations and future directions section is missing.
  15. The referencing style must comply with the requirements of the research journal.
  16. Ensuring the required limit of plagiarism is the responsibility of the authors.
  17. Overall, an interesting area selected to examine; however, the above-mentioned points will enable the researchers to enhance the quality of their manuscript.
  18. Major Changes.