

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

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Potential competing interests: No potential competing interests to declare.

The abstract effectively encapsulates the research objectives, methodology, key findings, and recommendations, offering valuable insights into the role of safety management in road construction for sustainable economic development in the Sidama region.

The introduction effectively sets the stage for the assessment, providing background information, highlighting the research gap, and outlining the research questions to be addressed.

Moreover, the research questions presented are clear, specific, and aligned with the objectives of the assessment. They address key aspects of safety management practices, such as safety training, traffic management, equipment maintenance, personal protective equipment, and communication and coordination, providing a structured framework for the analysis.

The explanation of the sampling design, including the rationale for sample size determination using the Yamane formula and the use of simple random sampling, enhances the transparency and validity of the study's sampling methodology.

Furthermore, the description of data collection methods, including self-administered questionnaires and direct personal interviews, demonstrates careful consideration of how to gather primary data effectively.

The utilization of the multiple linear regression model for data analysis and the discussion of reliability testing using Cronbach's Alpha further strengthen the rigor and validity of the study's findings.

Moreover, the section on ethical considerations underscores the importance of protecting participants' rights and ensuring research integrity throughout the study process.

The operational definitions of variables provide clarity and specificity regarding the key concepts under investigation, contributing to the overall coherence of the research methodology.

The Materials and Methods section exhibits a well-planned and systematic approach to conducting the research, enhancing the credibility and validity of the study's findings.

The results section provides a thorough analysis of the research findings, contributing to a deeper understanding of safety

management practices in road construction in the Sidama region.

Overall, the article makes a significant contribution to the literature on safety management in road construction, and its findings are likely to be of interest to both academics and practitioners in the field. With some minor revisions to address potential limitations and further contextualize the recommendations, the article has the potential to be a valuable resource for stakeholders involved in infrastructure development and safety management.