

## STUDY OF CONSTRUCTION SAFETY MANAGEMENT ON THE PERFORMANCE OF CONSTRUCTION PROJECTS (CASE STUDY AT THE NATIONAL ROAD IMPLEMENTATION CENTRAL SULAWESI)

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## ABSTRACT

Construction safety is all engineering activities to support construction work in realizing the fulfilment of security, safety, health, and sustainability standards that ensure construction engineering safety, labour safety and health, public safety, and the environment. The author's initial review found that the performance of construction projects at the Central Sulawesi National Road Implementation Centre was not optimal. The purpose of the study was to determine the application and influence of construction safety management elements in improving construction project performance. Descriptive research conducted data collection on Project Owners, Consultants, and Construction Service Providers with a sample of 40 respondents and then performed multiple linear regression analyses of the data. The results of the analysis show simultaneously that the variables in CSMS are Leadership and Workers Participation in Construction Safety (X1), Construction Safety Planning (X2), Construction Safety Support (X3), Construction Safety Operations (X4), and Construction Project Performance Improvement. It also shows that the implementation of construction safety management can improve the performance of construction projects from the perspective of cost, quality, and time of a construction project.

**KEYWORDS:** Construction Safety, Project Performance, Construction Projects

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