



Final Project 1

Code: MGM 496-PMG496

Project Template

Faculty of Management
Midocean University

Midocean University

Faculty of Management

Department/ Specialization



Project title

**Impact of Risk Management on Project Performance in Saudi Construction:
Case of Nesma & Partners Co.**

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**Impact of Risk Management on Project Performance in Saudi Construction:
Case of Nesma & Partners Co.**

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1. Research Question

How do risk management practices influence project performance in the Saudi construction sector, specifically in Nesma & Partners Co.?

Sub-Questions:

- How does risk identification affect project cost and schedule performance?
- How does risk assessment improve schedule reliability and decision-making?
- How do risk mitigation strategies influence quality and project success?
- What challenges limit the effectiveness of risk management in construction projects?

2. Research Objectives

1. To examine the risk management practices used in construction projects at Nesma & Partners Co.
2. To identify the relationship between risk identification and project performance.
3. To evaluate the effect of risk assessment on schedule reliability.
4. To analyze the influence of risk mitigation on project quality and overall success.
5. To provide recommendations to improve risk governance in Saudi construction projects.

3. Research Hypotheses

H1: Effective risk identification has a positive effect on project cost and schedule performance.

H2: Risk assessment has a significant positive relationship with schedule reliability.

H3: Risk mitigation strategies positively influence project quality and overall project performance.

H4: Weak communication and incomplete risk identification negatively affect project performance.

4. Research Model

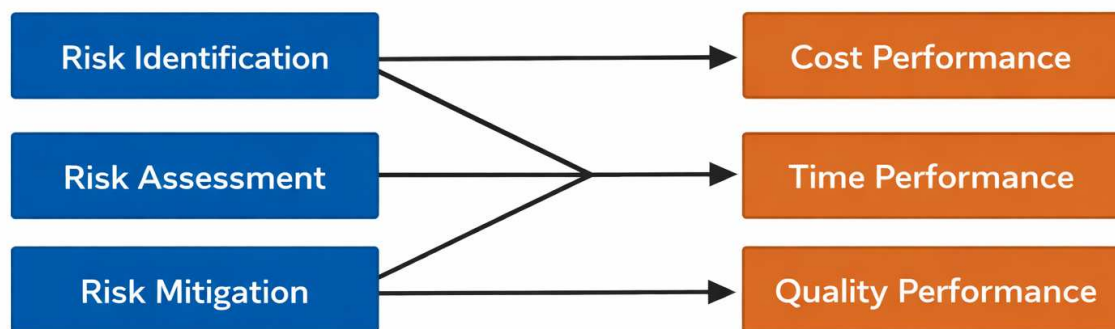
Independent Variable: Risk Management Practices

- Risk Identification
- Risk Assessment
- Risk Mitigation

Dependent Variable: Project Performance

- Cost Performance
- Time / Schedule Performance
- Quality Performance

The model assumes that effective risk management practices positively influence project performance outcomes.



Research Model

5. Suggested Industry / Organization for the Empirical Study

The empirical study will focus on Nesma & Partners Co., one of the leading construction companies in Saudi Arabia. The company is involved in major infrastructure, industrial, and building projects that support Saudi Vision 2030. Because the company manages complex projects with multiple stakeholders, it provides a suitable environment for studying risk management practices. The study will investigate how the company identifies, evaluates, and mitigates risks and how these practices affect project performance.

6. Research Methodology

The study will adopt a quantitative research approach supported by descriptive analysis. Primary data will be collected through a questionnaire distributed to project managers, engineers, supervisors, and other employees working at Nesma & Partners Co. The questionnaire will measure the extent of risk identification, risk assessment, and risk mitigation, as well as their effect on cost, time, and quality performance.

The sample will be selected using purposive sampling because the respondents must have direct experience in construction projects. The collected data will be analyzed using statistical methods such as descriptive statistics, correlation analysis, and regression analysis to test the hypotheses.

7. Suggested Structure of the Project

Chapter 1: Introduction

- Research background
- Problem statement
- Research questions and objectives
- Significance of the study

Chapter 2: Literature Review

- Concepts of risk management
- Types of construction risks
- Project performance indicators
- Previous studies and theoretical framework

Chapter 3: Research Methodology

- Research design
- Population and sample
- Data collection tools
- Data analysis methods

Chapter 4: Data Analysis and Findings

- Presentation of results
- Hypothesis testing
- Discussion of findings

Chapter 5: Conclusion and Recommendations

- Summary of findings

- Recommendations
- Limitations and future research

8. Detailed Table of Contents

Chapter 1: Introduction

- 1.1 Research Background
- 1.2 Problem Statement
- 1.3 Research Questions
- 1.4 Research Objectives
- 1.5 Research Hypotheses
- 1.6 Significance of the Study

Chapter 2: Literature Review

- 2.1 Concept of Risk Management
- 2.2 Types of Construction Risks
- 2.3 Project Performance
- 2.4 Previous Studies
- 2.5 Research Model

Chapter 3: Research Methodology

- 3.1 Research Design
- 3.2 Population and Sample
- 3.3 Data Collection
- 3.4 Data Analysis
- 3.5 Ethical Considerations

Chapter 4: Data Analysis and Discussion

- 4.1 Descriptive Analysis
- 4.2 Hypothesis Testing

4.3 Discussion of Results

Chapter 5: Conclusion and Recommendations

5.1 Conclusion

5.2 Recommendations

5.3 Future Research

9. References

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