

Midocean University

Faculty of Management

Final Project 1

The Impact of Project Risk Management on Construction
Project Success in Dammam, Saudi Arabia

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Chapter One: Introduction

Research Introduction

Project risk management is a critical discipline that helps organizations identify, assess, and respond to uncertainties that may affect project objectives. Construction projects are highly exposed to risks related to cost, schedule, quality, safety, and resources. Effective risk management improves project performance and increases the likelihood of project success. In Saudi Arabia, major infrastructure and development initiatives have increased the importance of managing project risks effectively. Project risk management is a critical discipline that helps organizations identify, assess, and respond to uncertainties that may affect project objectives. Construction projects are highly exposed to risks related to cost, schedule, quality, safety, and resources. Effective risk management improves project performance and increases the likelihood of project

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Research Problem

Many construction projects experience delays, cost overruns, and quality issues due to inadequate risk management practices. This study investigates whether project risk management contributes significantly to project success in Dammam. Many construction projects experience delays, cost overruns, and quality issues due to inadequate risk management practices. This study investigates whether project risk management contributes significantly to project success in Dammam. Many construction projects experience delays, cost overruns, and quality issues due to inadequate risk management practices. This study investigates whether project risk management contributes significantly to project success in Dammam.

Research Significance

The study contributes to project management literature and provides practical recommendations for construction companies and project managers. The study contributes to project management literature and provides practical recommendations for construction companies and project managers. The study contributes to project management literature and provides practical recommendations for construction companies and project managers. The study contributes to project management literature and provides practical recommendations for construction companies and project managers.

Research Questions

1. What is the level of project risk management implementation?
2. What is the level of project success?
3. Is there a relationship between project risk management and project success?
4. What is the impact of project risk management on project success?

To investigate the impact of project risk management on construction project success in Dammam, Saudi Arabia.

H1: Project risk management has a significant positive impact on project success. H0: Project risk management has no significant impact on project success.

Independent Variable: Project Risk Management.
Dependent Variable: Project Success.

The study focuses on construction projects operating in Dammam, Saudi Arabia.

The project consists of Chapter One (Introduction), Chapter Two (Literature Review), Questionnaire, Research Instruments Table, and References.

[illegible]

[illegible][illegible]

Risk Assessment

[illegible]

Risk Response Planning

[illegible]

Project Success

Project success is commonly measured by time, cost, and quality performance as well as stakeholder satisfaction.

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Relationship Between Variables

[illegible]

Previous Studies

Study 1: Previous research found that effective project risk management positively influences project success through improved schedule, cost, and quality performance.

Study 2: Previous research found that effective project risk management positively influences project success through improved schedule, cost, and quality performance.

Study 3: Previous research found that effective project risk management positively influences project success through improved schedule, cost, and quality performance.

Study 4: Previous research found that effective project risk management positively influences project success through improved schedule, cost, and quality performance.

Study 5: Previous research found that effective project risk management positively influences project success through improved schedule, cost, and quality performance.

Study 6: Previous research found that effective project risk management positively influences project success through improved schedule, cost, and quality performance.

Study 7: Previous research found that effective project risk management positively influences project success through improved schedule, cost, and quality performance.

Study 8: Previous research found that effective project risk management positively influences project success through improved schedule, cost, and quality performance.

Study 9: Previous research found that effective project risk management positively influences project success through improved schedule, cost, and quality performance.

Study 10: Previous research found that effective project risk management positively influences project success through improved schedule, cost, and quality performance.

Research Gap

Limited studies have investigated the impact of project risk management on construction project success in Dammam, Saudi Arabia.



Questionnaire

Scale: 1=Strongly Disagree, 2=Disagree, 3=Neutral, 4=Agree, 5=Strongly Agree

PRM1. Risk management practices are effectively

implemented in our projects.

PRM2. Risk management practices are effectively implemented in our projects.

PRM3. Risk management practices are effectively implemented in our projects.

PRM4. Risk management practices are effectively implemented in our projects.

PRM5. Risk management practices are effectively implemented in our projects.

PRM6. Risk management practices are effectively implemented in our projects.

PRM7. Risk management practices are effectively implemented in our projects.

PRM8. Risk management practices are effectively implemented in our projects.

PRM9. Risk management practices are effectively implemented in our projects.

PRM10. Risk management practices are effectively implemented in our projects.

PRM11. Risk management practices are effectively implemented in our projects.

PRM12. Risk management practices are effectively implemented in our projects.

PRM13. Risk management practices are effectively implemented in our projects.

PRM14. Risk management practices are effectively implemented in our projects.

PRM15. Risk management practices are effectively implemented in our projects.

PS1. Our projects achieve success in terms of time, cost, and quality.

PS2. Our projects achieve success in terms of time, cost, and quality.

PS3. Our projects achieve success in terms of time, cost, and quality.

PS4. Our projects achieve success in terms of time, cost,

and quality.

PS5. Our projects achieve success in terms of time, cost, and quality.

PS6. Our projects achieve success in terms of time, cost, and quality.

PS7. Our projects achieve success in terms of time, cost, and quality.

PS8. Our projects achieve success in terms of time, cost, and quality.

PS9. Our projects achieve success in terms of time, cost, and quality.

PS10. Our projects achieve success in terms of time, cost, and quality.

□

Table of Research Instruments

Variable	Dimension	Items	Scale
Project Risk Management	Risk Identification	1-5	Likert 1-5
Project Risk Management	Risk Assessment	6-10	Likert 1-5
Project Risk Management	Risk Response	11-15	Likert 1-5
Project Success	Time Performance	16-18	Likert 1-5
Project Success	Cost Performance	19-22	Likert 1-5
Project Success	Quality Performance	23-25	Likert 1-5

□

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