# Project Monitoring and Evaluation Practices and Project Performance: The Mediating Role of Management Support

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### Abstract

This study examines the relationship among project monotoring and evaluation practice, management support, and project performance using scavey statis from 236 projects leaders. To best the direct and indirect effects of project monitoring and evaluation project monotoring and evaluation practices and project monitoring and evaluation project monotoring and evaluation practices and project performance is explained using management support as modeling with a evalue, typic formations; and evaluation practice are project performance. Stells and a security, typic temportary and practice are project project performance, with management support serving as a modulow using.

Keywords: Monitoring and Evaluation. Performance. Management

## 1. Introduction

Project Monitoring and Schulaton (PMAE) is a project management tool, which mesource utilization to inform management for course concession and planning (ba. 8. Hodgson, 2014). Scholars have explained participation in schogenador, evenemental participation of the scholar scholar of point participation of the scholar scholar of the participation of the scholar scholar of the participation of the scholar scholar of the participation of the scholar scholar scholar participation of the scholar scholar scholar & Andam, 2019; Ermett & GMEP Team, 3030; Adhieven Wakiba, & Sakawa, 2020; Hange, 2000; Laezh 2001; Laezh 2001; Alaraka Scholar correction and planning. However, the empirical research results might contradict each other. This raises whether PMAE is always an appropriate tool or whether its relationship with project performance is more complex. There could be different PMAE tools and different perspectives may view differently the appropriateness of PMAE is a subject management tool.

The Utilization-Focused Evaluation (UFE) views PM&E as a project management tool that should be judged on its usefulness to its intended users (Franke, Christie & Parra, 2002; Patton, 2003). The PM&E practices require managerial support such accommunication, managerial commitment, laadership role, and motivation (Laima & Storkaimer, 2000; Nearus & Suneau, 2004; Kumar, 2009; Kamau & Mohamed, 2015). Thom the UFE perspective, management support commitmer in the text helping According to the Dalialo and Thuttillier (2010), management support becomes a strength of the PMAE team.

Using UFE Theory, I develop and test hypothesis on two metaloding effects development project implementing organizations associated with the ASO of this study is to exemine how PMAE practices affect project performance through management support. The case of the instantiate professional study of while the profession of the study of an apple performance by summing the would be profession of the study of the study performance by the analysis of the study of management support. This rest of the followed by the mesotim behaviour, study presents the results. Discussion and consultant projects are study profession of the study performance through the study presents the results. Discussion and consultant projects and the study presents the results. Discussion and consultant and the study performance through the study presents the results. Discussion and consultant and the study performance through the study presents the results. Discussion and consultant and the study performance through the study presents the results. Discussion and consultant and the study performance through the study performance through the study presents the results. Discussion and consultant and the study performance through the study performance throug

### 2. Hypotheses Setting 2.1 PM&E and Project Performance

The importance of MAE to project performance has been acknowledged in the project management literature (formel), 2013; Khithingacha, 2018; Doki, 2012) I distinguished five dimensions of PMAE, Including MAE Planning (MEP), Baseline Study (BS), MAE Budget (MEB), MAE Schedung (MES), and Midtem and End term Pralation (MEE) as suggested by Kisi, Apykum, Baiden, Tannor, Asamosh and Andam (2019), and Cavaderd and Bryce (2003), All these dimensionis laid to project performance. Thus, PM&E practices may be a good predictor of project performance. These arguments lead to the following hypothesis given in the next section.

Hypothesis 1: PM&E practice will be positively related to Project performance.

#### 2.2 PM&E Practice and Management Support

MAIE practices are ortical for the property time in achieves the property and property and 2205, Likewise, menagement apportunity 2205, Likewise, menagement apportunity 2205, Likewise, menagement apportunity supplication for propert access a famile. A transmission was appresent to apport to a second second second second second to a second second second second second properts menagement support to a second second second second second properts menagement second second second properts menagement second second second and propert performance and these and delite and propert performance and these second second and property performance and the second second second second second second second second and property performance and the second sec

Hypothesis 2: PM&E practice will be positively related to management support.

### 2.3 Management Support and Project Performance

It is important to note that management support is a critical factor in achieving project success. The UFE theory recognizes management support as a strategic resource of project management (Patton, 2003). Previous studies have uncovered the critical relos of management support in PM&E practice (Kamak & Mohamed, 2015). Exthermore, a project team the receives management support can deliver project promises in new and distinctive ways. From the UFE perspective, management support is essential for cost control methodologies (Patton, 2003). Therefore, when PMAE practice receives management support, the projectament is more include to achieve cost, scheduli, and quality parformances. It is believed that management support of rollical because of its positive relationship with project performance. Thus, is propose the following hypothesis.

Hypothesis 3: Management support will be positively related to project performance.

#### 2.4 The Mediating Effect of Management Support

Mach & Luderen (2017) have suggested pactors and projects proformance may be more complexition and any close proformance may be processing and the second second second second to the project performance and programs to the project performance. Any programs to the project performance and programs and the project performance and programs project performance. This means that the indexing performance is high performance to project performance and inpopulation to the project performance and inpopulation to the performance and independent variables performance and independent variables and performance and periferent and performance and perfo

Hypothesis 4: Management support will mediate the relationship between PM&E and project performance.

### 3. Research Methods

Lemployed a questionnaire survey approach to collect data, and all terms required sevenpoint Likert-cale responses ranging from 1= "strongly disagree" through 4= "neither Agree nor disagree," to 7= "strongly arree." The population in the study wais Organizations (NGOs) listed in the NGO Federation of Nenal, Of 330 questionnaires emailed 301 responses were received and 296 valid and complete questionnaires were Communication | Manaperial Commitment (MC) Learlership Role (LR) and Motivation (M) (Lämsä & Savolainen, 2000; Kumar, 2009; Kamau & Mohamed, 2015; Belout & Gauvreau, 2004). Project performance dimensions: Cost Performance (CP). Project Scherkile Performance (PSP) and Project Quality Performance (QPP) (Kissi, Agyekum, Bairten Tannor Asamoah & Andam 20190 The study employed Cronbach alphas each dimension, and reliability measures and Yi (1988). In this study both measures

This study used LISERE Landpills to test the sectors are project performance. The analysis provides a chi-signer value and manysis provides a chi-signer value and performance. The analysis provides a chi-signer value and chi-signer value of the chi-signer value of the analysis active of the chi-signer value of the analysis active of the chi-signer value of the analysis active of the chi-signer value of adiagonate to excellent for project PMEE protocol, Chi-signer Value, performance of the Analysis of the chisic of the chi-signer value of the chisic of the chisic of the chi-signer value of the chisic of the chitor of the chisic of the chisic of the chitor of the chisic of the chisic of the chitor of the chisic of the chisic of the chitor of the chisic of the chitor of the chisic of the chisic of the chitor of the chisic of the chisic of the chitor of the chisic of the chisic of the chitor of the chisic of the chitor of the chisic of chi-squares less than three times their degrees of freedom, 137.52/59=2.34, 212.58/98=2.16, and 65.29/25=2.61, respectively. The confirmatory factor analysis results suggested that the models of project PM&E, management support, and project PM&E, management support, and project performance provided a good fill for the data (Anderson & Gerbing (598).

Furthermore, convergent validly usa part coefficients for the latert variable to the related term. This study found to the related term. This study found to the related term. This study found to the related term measuring program MEE particles 94 and the lowest value 2005. These values accord the student requirement of t-value 2 (Andersen E 2005) and the study of the study of the study employed the confidence interval table of the study of the study of the study employed the confidence interval tables and the study of the study of the include 1. The standard energy based on include 1. The study of constant, the study is the study of the study of the standard time explore to the study of the discussion.

Table 1

stafstide all pairvise correlations in three measurement models, the percentage of waince estatactide enceeded the constructs, shared entries with every other construct, shared entries with every other construct, of constructs, one at a time, is equite to 1. The ch-square difference in all cases was significant at pcDO11evel of significance, So, each measurement model satisfies discriminary validity between all pairs of constructs. This should have some instalows. Because of the coses sectional name of the socialized between my variables.

### 4. Analysis and Results

LISREL 8.52 was used to analyze the hypothesized relationship. Each path between constructs was evaluated for statistical significance of the path coefficient. The hypothesized relationship was tasked with a complete model, and the result of LISREL maybis supposed that the model is a partient it with OFA-0439, AMRP-0479, NPA-0469, CFI-049, RMRP-0475, NPA-0499, CFI-0499, RMRP-0475, twee presented to be table 1 below, and the figure 1 showed the path coefficientship. Unlaw, and controlled in vibitoriship.

Standardized path estimates Hypothesized relationship				
HI	Project PMSE will be positively re- lated to Project performance.	0.48	7.42	Supported
H2	Project PM&E will be positively re- lated to Management Support.	1.2	11.9	Supported
H3	Management support will be posi- tively related to project performance.	0.52	8.37	Supported

p<0.05, p<0.01. n+296 (two-tailed test).

As hypothesized, all three hypothesises of H1, H2, and H3 are supported. It means, three is a positive relationship between project PM&E and project performance ( $\Pi = 0.48$ , t= 7.43), a positive relationship between project PM&E practices and management support ( $\Omega = 1.20$ , t= 1.81), and a positive relationship between management support and project performance ( $\Pi = 4.05$ , t= 8.37).



Figure 1. The results of this study

The three conditions must propose in an empirical study with the mediator (Bagozzi & Y17968).

- the independent variable has a significant impact on the mediating variable.
- the independent variable has a significant impact on the dependent variable without a mediating variable, and
- the use of a mediator decreases the relationship between the independent and dependent variables while presenting a significant relationship between the mediating and dependent variables.

In this study, the independent variable was the project PMEE practices, the modaling variable was management support, and the dependent variable was project performance. I sold three conditions by employing LSREL analysis. Results show that the project PMEE practices significantly positively affect management support (p2) = 109, sr 54M, The first condition is met. The result also shows that the project PMLE practices significantly positively affect project performance (h1 = 133, 1+ 130)(ii), satisfies the second condition. In the third condition, the PMSE practice significantly positively affects firm performance (h1 068, 1+ 9.24), and management support has a significantly positive relationship with project performance (b12-065, 1+ 928).

after entering the management support value had substantial change after entering 44.66 Adfe 1 ob0.00% The significance of the direct effort of project PM&E practices is reduced when the indirect effect of project PMSE through management support is included in a total effect model. These results show the mediating effect of management support. Therefore, H4 is supported Based on H4 this model demonstrates that management support PM&E practices and project performance Itotal effect =109 indirect effect = 0.62 ns0.001 direct effect = 0.48 ns0.05). Here the indirect effect is significant, and the direct path remains significant (although reduced) in the presence of management support. The direct effect also remains of the total effect of the independent variable on the dependent variable, with the

### 5. Discussion and Conclusion

This study provides a conceptual model to examine the mediating role of management support in the relationship between PM&E and project performance. The result shows that PM&E practices can positively contribute to project performance. However, If management support is added as a mediator, the direct positive relationship between PM&E and project performance will reduce. It is proved that PM&E practices influence project performance indirectly by influencing management support. Therefore, management support plays a mediating role.

A longitudinal investigation will shed more light on the management support. Further researchers may use a longitudinal delign to investigate may model's causal inference. This study needs to go further in examining a potential medication in the relationship batween PM&E and project performance. In likely hull, a badditor, in likely that liadearchip changed or changes, the PM&E practices and project performance might be analyzed or changes, the PM&E practices and project performance might be cousted or the analyze is to located on thintered. Since the analyze is to located on the society of the paragraphic society on the analyzed or the society on thintered. Since the analyze is to located on the society of the socie self-report results, there is a risk of common method bias. However, in this analysis, the test of common method biased reveals that it is not a significant issue. Multiple measures, such as Cronbach alphas, composite reliability, and convergent and discriminant validity were used to support the consistency of the data and the outcome.

In conclusion, PMAE practices are crucial to project success. When expellening the relationship between PMAE activities and project performance, my research emphasizes the critical importance of the modulity order of management support. In today's complex climate, the paragectives proposed in this study have significant implications for project implementation orbanizations.

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(Life Pratic) Rej Gastem, was a Ph.D. Scholar at University of the Cumberlands Williamsburg, KY 40762, USA. He died in an automobile accident in the first week of Aume a few days after uberhitting that articles for review. The comments made by reviewer could not be reflected, so the article might raise technical questions and comments. MEMM published this article as blocke to itse Pablis Rei Gastem. Mer the descated source on oneset