PROJECT INFORMATION OVERLOAD &ROLE OF PMIS IN MANAGERIAL DECISION-MAKING: A STUDY IN CONSTRUCTION COMPANIES OF OMAN

[1]AL YA'QOUBI BALQEES EID HAMOOD, [2]SIVADASS A/L THIRUCHELVAM

[1-2]School of Business Administration, Tenga Nasional Universiti (Uniten) Malaysia
E-mail: ma.dritresearch@gmai.com[1]; b.3id@hotmail.com[2]

Abstract - Most projects fail due to information overload. However, project management information systems (PMIS) and other technological support help project managers (PM) arrive at better decisions. This study looks at the issues of over loaded project information in Omani construction companies which must be dealt with by the project managers. The study was based on quantitative data. The data is based on a survey through a structured questionnaire adopted from previous studies. The target population was the project managers (PMs)leading construction companies in Oman, and about 296 PMs were approached. Two-stage sampling approach was adopted to collect the data and use SPSS software to analyze the data. The findings indicated that project managers could benefit from using a project management information system (PMIS), and project information overload had no adverse effects. The information system for project management influences decisions in a good way. This research benefit project manager, especially in handling complex construction projects. Multiple factors affect the decision-making process in construction companies; therefore, the research recommends exploring the context of the construction industry in Oman and assessing their impact on decision-making processes and project performance.

Keywords - Construction Management; Project Management Information System (PMIS); Information Overload; Decision Making; Resource-based View