

Evaluating Factors Affecting Construction Safety Performance in Sharjah During Pandemic (Covid-19)

Maitha AlSuwaidi and Mohammad Khadem

Department of IEEM, University of Sharjah, Sharjah, UAE

mkhadem@sharjah.ac.ae

ABSTRACT

The coronavirus (COVID-19) has affected workers and workplaces across the world. Due to the outbreak of COVID-19 little attention is paid to construction safety. This paper studies the effects of factors on safety performance in the construction industry due to COVID-19 in Sharjah. The factors are identified by a literature search of previous studies. The factors are ranked based on their importance which helps managers to take into account employee exposure and the potential of safety consequences. The results of ranking indicated from highest to lowest in the order of; organizational, economic, psychological, individual, moderating and technical. The outcomes of this study will help construction workers and their managers to help stay safe during COVID-19, which improves the whole work environment. The limitation of this study is that one type of organization was only studied in Sharjah.