

**ABDULMOHSEN ALRASHED**  
Glasgow Caledonian University, United Kingdom

**IBRAHIM ALRASHED**  
University of Wales Trinity Saint David, Swansea, United Kingdom

## **RISK ASSESSMENTS FOR CONSTRUCTION PROJECTS IN THE KSA**

### **Abstract:**

The construction market of Kingdom of Saudi Arabia (KSA) is significantly huge in the Middle East, which is currently estimates to be >\$122 Billion per year (in recent times) and this is anticipated to reach >\$610 Billion in next five years. Construction projects in residential sector is too positive than commercial sector. However, data on the actual percentage of success rate and vital risk factors in aforementioned projects are still limited. Accordingly, this study estimates risk evaluation of recent construction projects in the KSA. Consequently, this paper presents a new risk evaluation method for recent construction projects: this analysis constructed on new liner decision-making model. Whilst, this study also investigates the practical applications of risk management in the trade of construction projects of both national and international companies.

### **Keywords:**

Risk Appraisal, Liner decision- making model, KSA, Construction Projects.

**JEL Classification:** D79, A10, A12