

Causality between the Construction Industry and the GDP in the United Arab Emirates

Authors : Hasan S. Mahmoud, Salwa M. Beheiry, Vian Ahmed

Abstract : In light of the repercussions of the 2008 global economic crisis, the response of the United Arab Emirates economy and growth, and the vast construction activities that are undergoing, there is a need to investigate the relationship between construction activities and the Gross Domestic Product (GDP). This study aims to investigate the causality relationship between the construction industry in the United Arab Emirates and the GDP of the country in the last decade. For that, this study will investigate the relationship between the growth of the GDP and the growth of construction activities and their value addition to the economy. To ascertain this relationship, Granger Causality method is used to identify the causality between the time-dependent series.

Keywords : construction value addition, Granger causality, growth of gross domestic product, United Arab Emirates

Conference Title : ICCMC 2020 : International Conference on Creative Management in Construction

Conference Location : Tokyo, Japan

Conference Dates : May 28-29, 2020