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## ABSTRACT

*Experts and specialists may consent that transferring a technique from external environment i.e. east/west to be applied and settled in a local environment will lead to many difficulties and requires tremendous efforts to accommodate such technique with imported environment.*

*Accordingly, this paper aims at highlighting challenges and impediments facing the application of VE in civil projects in the Saudi environment; big challenges caused by various technical, administrative, moral and social reasons.*

*Also, focusing on efforts exerted to accommodate the new environment, enhancing opportunities for success, mentioning different experiments and applications of such techniques on civil projects in the Kingdom, presenting a real case study by which economical benefit is achieved through applying VE. Furthermore, the paper includes outstanding results that accomplished after the progressive step of the Higher Economical Council to adopt VE application on projects which is followed by the circular of Ministry of Finance & National Economy relevant to the application of VE in governmental projects.*

*The paper concludes a number of useful lessons generated from such short and rich trial that will certainly help those who concern about the application of this methodology, therefore, attaining the ultimate benefits.*

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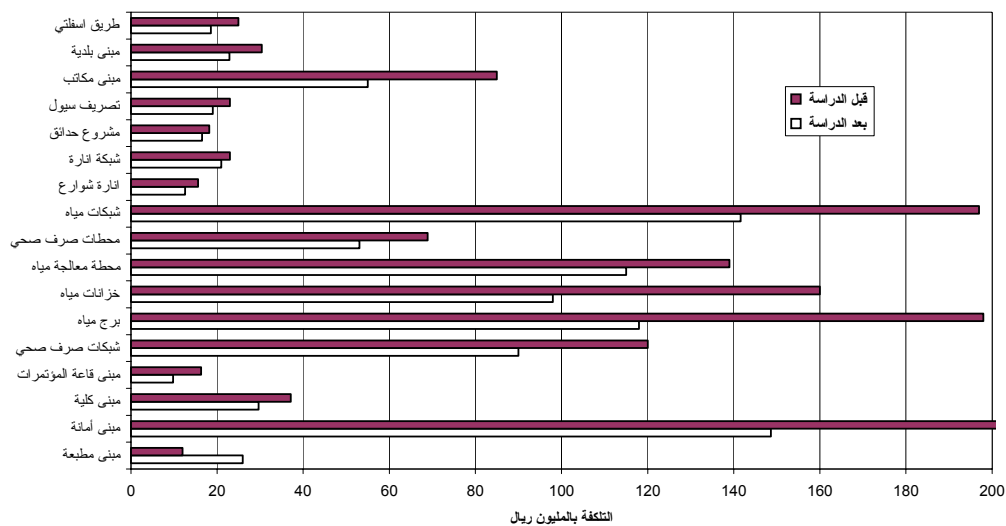
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