

Paper (6)

Title	PERFORMANCE IMPROVEMENT FOR PUBLIC CONSTRUCTION PROJECTS USING RISK ANALYSIS
Author	Mohamed Said Meselhy
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Abstract	<p>In the last five years, many of the construction projects faced a lot of new variables which stopped or delayed in the commission some of this projects, Most of them its cost had been raised up or implemented with low quality and low performance not as it was planned. The new variables which faced the construction projects came as result of new changes on the international level which effected directly on our local level, The political term made new regulation and policies effected on the construction industry, Social term created negative behavior between the partnerships in the construction industry, Economic term made unexpected results on the construction projects and the investment projects on general that because the increasing in the building materials cost and the labor cost rates which led to raise up the total budget of this .projects not as it was planned</p> <p>The research aims to achieve the risk analysis job plan which is leading improve the performance of public construction projects with that new variable in the last five years through presenting a risk analysis job plan (risk planning, risk identification, qualitative analysis, quantitative analysis, risk treatment and risk monitoring and control) of a public construction project on the local level as a case study. The research will present the effect of the risk analysis on the public construction project's performance to be able to face the uncertainties events through the implementation stage.</p> <p>Keywords— Risk, New Variables, Probability, Impact, qualitative, quantitative.</p>