

عنوان مقاله:

Identify and Manage the Risks of Water Structures

محل انتشار:

ششمین کنفرانس بین المللی پژوهشهای نوین در عمران، معماری، مدیریت شهری و محیط زیست (سال: 1399)

تعداد صفحات اصل مقاله: 5

نویسندگان:

Abas Almasi - Ayandegan Institute of Higher Education, Tonekabon, Iran

Ali Hooshmand Aini - Department of Civil Engineering, Roudbar Branch, Islamic Azad University. Roudbar, Iran

Hossein Masomi - Ayandegan Institute of Higher Education, Tonekabon, Iran

خلاصه مقاله:

For a long time, in most construction projects, including hydraulic structures, the identification, evaluation and presentation of risk reduction methods have been done automatically and sometimes subconsciously by the project management and technical groups. But in recent years, systematizing the work of risk analysis and management, for various reasons, including comprehensive work on project risk identification, optimal use of collective wisdom, documenting the knowledge gained in the project and the possibility of evaluating the impact of risk sets on the whole project in terms of time And cost has become especially important and widespread. Risk management is one of the important phases of project management that is done with different quantitative and qualitative approaches. The purpose of implementing the project risk management process is to identify and root out the causes of each risk, analyze it as much as possible, plan and implement response methods and allocate risks to competent factors, in order to effectively control the preferred risks of each project. In this study, a large number of hydraulic structures projects were selected and then using pmbok method and questionnaire distribution, finally among the initial risks, a number of final risks that had a high quality grade were selected and classified into different risk groups. The results of this study showed that the implementation and management of various projects, including water structures projects, have many ambiguous and unknown cases. Among these cases, the risks of economic inflation and price increase the lack of comprehensive executive ,0/1271 the length of executive processes with a score of ,0/169 with a score of work ,0/0846 the existence of problems and ambiguity in the contract with a score of ,0/973 plans with a score of Malfunction of machinery and inappropriate technology with a , 0/0696 accidents due to high altitude with a score of became the ,0/0483 inefficiency and necessary skills and low manpower specialization with a score of ,0/064 score of .first priority of their groups, which are of special importance

کلمات کلیدی:

Hydraulic structures, risk identification, risk management

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1120073>



