

عنوان مقاله:

Assessment and Ranking of Occupational Health and Safety Risks in the Machinery Maintenance Unit of Dam
(Construction Projects Using the Combined Approach of Methods (FMEA and Fuzzy TOPSIS

محل انتشار:

هفتمین کنفرانس بین المللی پژوهش در علوم و مهندسی و چهارمین کنگره بین المللی عمران، معماری و شهرسازی آسیا (سال: 1401)

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خلاصه مقاله:

A dam construction project is exposed to various risks due to the amount of investment, duration of implementation, the complexity of design and implementation, etc., and these risks will lead to human and financial losses. Thus, based on three principles, including (i) time, (ii) quality, and (iii) cost, identifying, assessing, ranking risks, and Occupational Safety and Health (OSH) can have a significant impact on project objectives. The machinery maintenance unit has the largest share of the organization's cost model. Manpower, tools, spare parts, and working standards of planning and scheduling are the most important elements of the implementation of the maintenance process in these organizations.

کلمات کلیدی:

.Risk assessment, Fuzzy analytical hierarchy process, Occupational health and safety

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