

عنوان مقاله:

Selection of the best strategy for Iran's quarries: SWOT-FAHP method

محل انتشار:

مجله معدن و محیط زیست, دوره 3, شماره 1 (سال: 1391)

تعداد صفحات اصل مقاله: 13

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خلاصه مقاله:

Iran has high potential and unique stone reserves in terms of variety of color, texture, quality, and economic value; nevertheless, in spite of growing mine production during the past decade, in many instances this potential has been overlooked. Therefore it is necessary to investigate strategic factors of these mines. The purpose of this study is to evaluate and determine the best strategies for Iran's quarries. To this end, the mines were analyzed using the Strengths, Weaknesses, Opportunities and Threats (SWOT) approach in combination with Fuzzy Analytic Hierarchy Process (FAHP). Firstly, an environmental analysis was performed and then the SWOT factors were identified. In this way, the sub-factors which have very significant effects on the mines were determined. Using the SWOT matrix, alternative strategies were developed. Subsequently, the strategies were prioritized and the best strategies for these mines were determined. The results show that conservative strategies are the best strategy group for Iran's quarries

کلمات کلیدی:

SWOT; fuzzy AHP; Decision factors; Strategy; Quarry

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