

Identify and Prioritize the Sustainable Development of Sports Venues Using New and Degradable Energies with a Hierarchical Analysis Approach

Authors : Mahsaossadat Pourrahmati Khelejan

Abstract : The purpose of this research was to identify and prioritize the sustainable development of sports venues using new and degradable energies with using the AHP Hierarchical Analysis approach. The research method is a descriptive strategy with regard to the direction of implementation and is a hierarchical research with a practical purpose. In this study, 30 experts (physical education faculty members, geography professors, accredited sports venues managers, and renewable energy engineers) were selected using purposeful sampling method as the research population. The research tool was a researcher-made questionnaire on the factors affecting the sustainable development of sports venues by using new technologies and degradable energy. Finally, the research questionnaire was designed with four components and 21 items. All steps were performed by using Expert Choice software. The importance of indicators that influence the sustainable development of sports venues is highlighted by the use of clean and degradable energy, for example: 1. Economic factor, weighing 0.420 2. Environmental index, weighing 0.320 3. Physical index, weighing 0.148 4. Social index, weighing 0.122.

Keywords : Sports Venues, Sustainable Development, Degradable Energies, Prioritize

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