عنوان مقاله:

Study of Environmental Sustainability & Green Building in South of Iran Using LEED System

محل انتشار:

سومین کنگره بین المللی عمران ، معماری و توسعه شهری (سال: 1394)

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خلاصه مقاله:

In the past few years, the Iranian Green Management Association has attempted to import the latest modern knowledge with a green approach to Iran. In this regard, the board decided to develop the international building rating systems in Iran to achieve green buildings and sustainable environment in the country. Among these systems, LEED rating system could be noted that provide seven items for rating a building. Among the items are sustainable sites subsets of which include: erosion and sediment control, site selection, development density, redevelopment of contaminated sites, alternative transportation, reduced site disturbance, storm-water management, and heat island effect and light pollution reduction. The purpose of this paper was to draw architects' attention to the use of this type of rating systems for sustainability and preservation of the environment. The analogic-analytical method was applied and subsets of sustainable sites were analyzed and compared with the current situation in the region and how these systems help the urban order and sustainability. The results of this paper showed that the use of this type of rating systems, however little, is very important for environmental and building sustainability. Moreover, given the Iranian climate and population differences compared to the LEED founding countries, the importance of alternative transportation is far more than development density .

کلمات کلیدی:

LEED, Sustainable Site, Alternative Transportation, Environmental Sustainability

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