

عنوان مقاله:

Study of green architecture and its impact on sustainable urban planning

محل انتشار:

دومین کنفرانس بین المللی علوم، مهندسی و نقش تکنولوژی در کسب و کارهای نوین (سال: 1401)

تعداد صفحات اصل مقاله: 15

نویسندگان:

,Amin Azadi - Master of Urban Planning, Urban Design Trend, Islamic Azad University, Beyza Branch, Fars, Iran

,Nahid Tabebordbar - Master of Architectural Engineering, Islamic Azad University, Larestan Branch, Fars, Iran

خلاصه مقاله:

Green architecture or sustainable architecture is one of the new trends and approaches of architecture that has been considered by many contemporary designers and architects in recent years. This architecture, which arises from the concepts of sustainable development, seeks to adapt and harmonize with the environment is one of the basic human needs in today's world. The purpose of creating green buildings is to improve the climate, prevent the loss of energy used for cooling and heating, and prevent the negative effects of construction on the environment. In recent years, sustainability concept has become the common interest of numerous disciplines. The reason for this popularity is to perform the sustainable development. The Concept of Green Architecture, also known as "sustainable architecture" or "green building," is the theory, science and style of buildings designed and constructed in accordance with environmentally friendly principles. Green architecture strives to minimize the number of resources consumed in the building's construction, use and operation, as well as curtailing the harm done to the environment through the emission, pollution and waste of its components. To design, construct, operate and maintain buildings energy, water and new materials are utilized as well as amounts of waste causing negative effects to health and environment is generated. In order to limit these effects and design environmentally sound and resource efficient buildings; "green building systems" must be introduced, clarified, understood and practiced. This paper aims at highlighting these difficult and complex issues of sustainability which encompass the scope of almost every aspect of human life

کلمات کلیدی:

.Green-building systems, sustainable buildings, natural buildings, living architecture, renewable resources

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1506656>

