

The role of green architecture in improving the functional performance of a healthy dwelling

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Abstract:

Housing is one of the main pillars contributing to the formation of the family and the safety of its growth, and besides providing daily shelter for the family, it positively affects its psychological well-being and socio-economic stability, access to adequate housing that meets the needs of the family often consumes a large part From its income, therefore, saving and reducing its cost to facilitate the process of obtaining it and owning it is an important development goal in all countries of the world, and providing adequate housing for health, social and economic, and enabling the family to own it at a rate of expenditure commensurate with its financial capacity has always been one of its most prominent objectives.

In modern times, as a result of the industrial revolution, environmental pollution and population accumulation, small-scale, few-blank dwellings are not suitable for activities within them. Especially since the human being used to carry out his activities inside his home and permanently dispense with the natural environment, which increased this effect on his activities, which began to dwindle to suit the basic needs and dispense with some activities that are considered very important for his health, and some consider it secondary activities can Dispensing with them, which has had a negative impact on human health.

The green architecture, which is a design entrance after philosophy aimed at using energy conservation techniques and reducing the volume of material consumption, as well as the use of recycling techniques and reducing the volume of waste from the facilities and recycling and using clean and renewable energy sources to ensure human beings A healthy and safe life within his environment in general and within his home in particular.

Hence, the term 'Green Building' symbolizes a building that has been designed and implemented to achieve sustainability — from the exterior systems of the building and its exterior to the parameters and structure of the interior architecture and the interior furnishing of the vacuum – based on some international standards prepared by Before the competent institutions that measure the compatibility of the building with the environment and the possibility of classifying it among the green buildings.

Keywords:

Green Architecture - Quality of The Interior Environment - Health Housing