

Architecture Heritage in the United Arab Emirates as a springboard to the sustainability of local architecture

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Abstract– The research aims to try to link the vocabulary upon which the extent of the enrollment of any modern architectural methodology for green architecture-compliant and environmentally friendly, between the vocabulary upon which our inherited architecture and which are also rely heavily on environmental compatibility are beyond the ability and dedication of many models nearby modern and surpassed that stems from our environment, with all its uniqueness on many levels, which is considered here suit to refer to understand and accommodate this architecture in order to get out methodology help innovate architecture to concern us and to fit our environmental circumstances. Innovative architecture for Emirates belongs to what is known and called architecture green by reference to our inherited architecture orientation systematic anatomical order to accommodate the vocabulary of their own and which belong to the methodology of green architecture and studied in order to maintain or developed and then integrated into the vocabulary of contemporary architecture that emerged from the data the moment the current environmental situation and thus access to the contemporary architectural compatible with the environmental situation Al-emaratyah contemporary with its special particularity.

And by discussing the concepts of thermal comfort and thermal conditions that are supposed to be out of the building to bring it up to its inhabitants conditions of thermal comfort, as well as factors affecting the sense of comfort and thermal comfort.

And also this paper discusses climatic factors such as the intensity of solar energy and ambient temperature, wind speed and direction, relative humidity, and the factors of construction, including the specifications of thermal physics of building materials, thermal design, as well as how to use them and thus the ability to infer the thermal behavior of the building.

In the latter conclusion a small program on the computer proved the paper from which the extent of affiliation architecture inherited to green architecture, through study and conclude the amount of heat flowing into those models and compare the rates of humanity, and thus infer the thermal behavior of the building and its application to modeling the traditional and modern.