

## **The Effects of Climate Design in the Formation of Traditional Libyan Houses**



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### **ABSTRACT**

Climatic design has been promoted as an essential approach to achieve sustainable built environment. Traditional builders had to design with respect to nature and local climate. Libyan Traditional houses provide important examples of climatic solutions. On the other hand, Contemporary Libyan architecture is typical of number of Middle Eastern countries, which now rarely recognised local climate, tradition, culture, or environment, and issues related to these subjects are usually neglected or rarely studied.

Thus, an important aspect in understanding how to live in the present and future is learning from heritage. However, although traditional buildings used the best techniques of the time, these are not necessarily the best solutions to current needs. The aim of this research is to understand how the different climatic conditions have influenced the design of Libyan Tradition homes. To achieve the aim, an overview of climatic design and the traditional solutions for different climatic zones will be studied in three cases selected from different regions of Libya In order to make a comparison.

### **KEY WORDS :**

Architecture, Climatic design, Traditional architecture, Libya.