

## **An archaeological study of traditional architecture in the Arabian Peninsula (Building of Sadous area - Asir region - Al-Okhdood city) And make use of them in the design of local architecture**

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### **The research abstract:**

The historians and the archaeologists didn't care about studying the history of the traditional architecture. While it is considered to be a heritage, that means the history depth, that is inherited from generation to another, and should be preserved and revealing the factors that are affecting its formation, formulation and the technical level that it was executed by

The study value increases if we help to discover archaeological buildings that belong to earlier eras, especially that the traditional architecture in the Arabian world is established within a frame where all environmental factors, raw materials, and social circumstances are similar

### **The research result:**

If all the previous factors were utilized in the modern construction process with the use of advanced technology with the environmental materials, we can come up with international local architecture. The study is concerned with the Arabian Peninsula area where there is a direction to reveal some of the architectural archaeology at several cities and paying attention to them especially the architecture at Sidos area, Asseer area and the groove city, that the research is handling them by studying their history with technical and scientific analysis

### **The research problem:**

1-The absence of any study about the traditional architecture in the Arabian Peninsula, that can clarify the solutions and the material that reflect the environmental circumstances, the civilization reality and the designing solutions that matched the needs of the society as well as its costumes and traditions.

2-Confirming the construction and preservation methods of the archaeological buildings that belong to the traditional architecture.

- Studying the used materials and how they are matching with the advanced technology to revive those systems of the traditional architecture in a way that suits this modern era.

### **The research aim:**

Identification of the most significant features and characteristics of the archaeological traditional architecture in the Arabian Peninsula, (areas of Sidos, Asseer and the groove city), their styles and their history. Also what can we present by benefiting from the construction, keeping and preservation methods, and what they include as solutions that are matching with the development in the environmental architecture.

### **Keywords:**

Traditional architecture; Local architecture; Arabian island.