

Eighth research summary

The Optimal Design Solutions for the Reuse of Heritage Building in Old Cairo

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Summary:

Egypt's architectural heritage is eroding fast. Otherwise there is a huge attention from the civil society, heritage preservation and international organizations like UNESCO to protect these buildings. This paper discusses the design adaptation as an important stage for the and start with a historical buildings sustainability and its effect on the surrounded society desiccation about the criteria of a potential Historic building for Adaptive Reuse and the meaning of protection and reuse by adding a deducting to the historical building's spaces to adapt the new functions for the reused historical building as well this research includes some analysis for some of buildings with a very special types that had been reused in the old world and some conception designs to reusing of the historical buildings in old Cairo.

Research problem:

Egypt is considered one of the most reach countries by such buildings this amount of buildings caused a protection problem and showing the artistic and historical sides as these buildings face a lot of ignorance and misuse.

Research objective:

To point to the reuse and rehabilitation methodology for the valuable heritage buildings to be suitable for its new reuse purposes as a protection method and its sustainable development.

Conclusions:

Architectural heritage of spatial structure is linked to the design creativity, which calls the designer for innovation changes and developments on the objective reality of this heritage to liberate it from the traditional stalemate and confers new (subjective and objective) functions on its elements that saturates the new era's aesthetic and functional needs , and achieving this requires:

- Understanding the intellectual and philosophical visions that reflect the heritage core of the buildings on the way they will be reused.
- Changing the objective creative style through a self-developed vision as required by circumstances.