

## البحث الثامن

### **Slums Issues in Egypt An Approach to the Application of Green Building Concepts**

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#### **Authors**

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This paper constitutes an approach to resolving the problem of the spread of slums areas in Egypt. It attempts to identify and apply the concepts and principles of sustainability and green Buildings, define green building issues and objectives, describe environmental design methods and management, outline standard environmental design specifications, and examine green building costs and environmental requirements.

The paper reviews the development stages, general characteristics, and architectural and operational aspects of self-built housing (slums), and looks into the implementation of climate and environmental design concepts as a means for resolving the slums problem.

The importance of the paper is to investigate the sustainability as a solution to the problem of housing in Egypt, including putting this vision in the orientations of the State toward a solution to the problem of slums in Egypt and suggest developing strategies to solve that problem.

The paper reviews the development of slum housing and defines sustainability concepts in order to formulate an approach to resolving the slums problem in Egypt based on the implementation of sustainability concepts.