Abstract

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Smart Growth Strategies For Creating Highly Desirable Neighborhoods

Smart growth is the new trend that is followed for achieving an ideal community. It calls for a creating a harmonious built environment for citizens by promoting mixed land uses, establishing walking communities, using technologies to improve redefine how a city service is delivered and creating a sense of place and attractive communities. It is believed to solve most of urban problems based on negative impacts of urban sprawl. This paper addresses the cause and the extent of sprawl in Cairo, where Cairo is one of the cities that are facing a rapid urban transformation, the importance of dealing with sprawl and how to deal with it using smart growth. The research's main aim is to evaluate the implementation of smart growth in the design of new expansion areas and to help determine a vision of an ideal community. Given this broad aim, three key objectives of the research are targeted such as understanding the nature of the problems associated with urban congestion, lack of quality and safety investigating the potential of smart growth strategies and develop a conceptual framework, and proposing a set of guidelines and recommendations for the implementation of Smart Growth. The research is subdivided into six chapters. Chapter one gives an introduction about the research problem, the aims and objectives, and the methodology used during the research. A brief explanation of the problems of unplanned growth, the potential for Smart Growth to solve the problem, the definition of Smart Growth and the relation between Smart Growth and sustainability are illustrated in Chapter two. Chapter three then provides a review of the literature on the main Smart Growth principles. Afterwards, Chapter Four analyzes the evolution of the Smart Growth as a notion in relevant examples. Chapter Five then represents an analysis and evaluation of the adoption of Smart Growth principles in the case of Madinaty City, Cairo using qualitative analysis as methods for data collection. Finally, an overall recap of the work stages, the main findings and results, and a set of recommendations directed to the decision-making process were presented in Chapter six in order to enhance the implementation of Smart Growth both in existing neighborhoods and while planning new ones.