

Abstract

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URBAN CORRIDORS AS AN APPROACH FOR THE URBAN GROWTH OF CITIES: CASE STUDY: ALEXANDRIA COASTAL CORRIDOR, EGYPT

In recent decades, high population growth has caused congestion in Alexandria. The city's infrastructure can't handle this high population. The new urban corridors lack both appropriate planning and urban design they are used as means of transportation without any land use planning access management. The poor planning of transportation corridors has had a negative impact on the quality of the residents' lives. The importance of developing urban corridors is explained through this paper. In addition to, the role of urban development and types of corridors. Also it defines key elements of a comprehensive corridor plan and considers possible ways of its implementation. Expansion of the city has to be put into consideration as there are many vacant lands that are unused and unplanned. The objective of this paper is to decrease congestion in the city by using proper urban corridor planning as an approach to control the urban growth of the city. In order to achieve this aim successfully, the paper will highlight the characteristics of development corridors, especially the coastal corridor, emphasises the role of development corridors during planning and the desired criteria for developing physical and humanitarian aspects. In addition, the paper will study and analyse successful coastal corridors as relevant analytical example. A set of guidelines, derived from this example, will be applied to the case study of the coastal corridor of Alexandria, Egypt. Key words: Coastal corridor urban growth urban corridors development corridors.