

Abstract

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DOWNTOWN REDEVELOPMENT BY APPLYING NEW URBANISM PRINCIPLES. CASE STUDY: ALEXANDRIA DOWNTOWN, EGYPT

The New Urbanism has become a popular development strategy to reform the design of the built environment and to raise the quality of life by creating better places for people to live in. Its principles include the reduction of car-dependency rate and the creation of livable and walkable neighborhoods with a densely packed array of housing and commercial sites. Redevelopment is the act of increasing the value and renovation that improves the outward appearance, but usually does not involve major changes. Downtown is the main business and commercial section of a city. It is important to redevelop downtowns as they suffer damages throughout the years, for they present the image and character of the city and its history. Thus, maintaining its heritage is an important aspect. The main aim of the research is to achieve a set of guidelines to redevelop Alexandria downtown (El-Raml Station) which represents the vital heart of the city. To achieve this aim, the research studies New Urbanism and how to apply its principles through analytical examples. Finally the guidelines achieved will be applied on the case study. Key words: New Urbanism Redevelopment Downtown.