

Residents' Perceptions towards the Application of Vertical Landscape in Cairo, Egypt

Authors : Yomna Amr Ahmed Lotfi Koraim, Dalia Moati Rasmi Elkhateeb

Abstract : Vertical landscape is introduced in this study as an alternative innovative technology for urban sustainable developments for its diverse environmental, economic, and psycho-social advantages. The main aim is to investigate the social acceptance of vertical landscape in Cairo, Egypt. The study objectives were to explore the perceptions of residents concerning this certain phenomenon and their opinions about its implementation. Survey questionnaires were administrated to 60 male and female residents from the Greater Cairo area. Despite the various concerns expressed about the application of vertical landscape, there was a clear majority of approval about its suitability. This is quite encouraging for the prospect of vertical landscape implementation in Cairo, Egypt.

Keywords : vertical landscape, green facades, vertical greening, social acceptance, sustainable urban development

Conference Title : ICAPE 2017 : International Conference on Architectural Planning and Environment

Conference Location : Rome, Italy

Conference Dates : July 17-18, 2017