

The impact of reusing glass wastes on public squares beautification in Egypt (Al Remaya Square- Haram – Giza)

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Abstract:

The problem of solid wastes is one of the greatest environmental problems that countries pay a great attention to it, nowadays; this because of its negative effects on health and environment. The main reason behind the growing of wastes in the latest period is the rising of living standards and the industrial and technical progress beside the culture of consumption in the Arab nations that led to great amount of food and products wastes, upon that, countries tried to get benefit from wastes and turn it form indignation to a treasure and resource of money, The environmental glass material wastes are very difficult to be eliminated after using it. Therefore, it is very important to adopt a way by which we can benefit from these wastes to reduce the environmental pollution resulting from it. This way can be done by recycling these wastes and reusing it in another function such as using it to beautify the public squares by a new design which commensurate with the square environmental nature and upon the user's desires, Thus, the current research will discuss the life cycle of product and its impact on the environment, environmental planning, its objectives and its benefits, in addition to designing and beautifying the squares through studying square's elements and a methodology applied to Al Remaya Square, with a view to determine the weaknesses and the square user's needs; in order to develop design solutions to beautify Al Remaya Square (Haram - Giza) by recycling the glass wastes.(11)

Research Problem:

Accumulation of various glass wastes and failure to make use of them in beautifying the Egyptian environment.

Research Importance: The current research is interested in studying the transformation of various glass wastes into various distinguished artworks that contribute to the beautification of the Egyptian environment and reduce the visual and environmental pollution resulting from the accumulation of glass waste.

Search Objectives: This research aims at using the glass waste to beautify the Egyptian environment and to reduce the environmental pollution.

Key words:

Glass-Recycling-Public squares