The implementation of sustainability principles and solid waste management through public art field

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Abstract:  
The research represents an overview of the forms of environmental pollution that we are currently experiencing and the leftovers of many forms of waste, which has become a major burden on the components of the environment due to the difficulty of disposal, and its growth, into various urban societies as a result of the high limit of human consumption and life requirements which led to explore modern methods to safely get rid of them through exploitation of solid environmental waste resulting from human life activities and industrial waste to decrease the side effects on the surrounding environment and human health, through spreading concept of environmental culture as a part of visual and aesthetic values that represented in art forms. Many artists and designers seek to find solutions that helps to reduce the quantity of this waste by following types of recycling and reusing method (within the basic principles of sustainable waste management) in the form of various types of visual arts that are implemented in public places by extracting different materials from Solid waste that found in certain environment, then categorizing and separating it according to the material, color, way of installation for each material to make a contemporary public art forms in the urban areas where people movement circulation and interaction with them on social, cultural, intellectual and psychological levels in residential areas and cities, promoting the process of visual culture/education by vision and perceiving artworks, spreading environmental awareness by introducing the principles of recycling and encouraging finding ways to exploit solid waste that the individual dispenses technically and functionally, which will lead to a change policies of dealing with waste, reducing its percentage and preserving The environment.

Keywords:  
eco public art, Recycling, Solid waste, environmental culture

References:  
4. Salem, R., (2010) "the impact of environmental conditions on the aesthetics of architectural facades " Faculty of applied arts, PhD thesis  
5. Hosni, I., “sustainability of waste management ”, research study on the global trend to localize sustainability  
6. Ababsi, S., Sayed, T., (2017)" The reality of environmental pollution in urban areas - MA's thesis, Social Sciences department, Faculty of Social Sciences and Humanities, University of Martyr Hama Lakhdar  
9. Englefield, J., (2021), Breakwater in Jamestown is both a public playground and a sculpture  
12. 27th Festival of Ecological Theatre for Children and Youth Assitej,  
emergence-of-ecological-art/

Paper History:

Paper received 7th April 2021, Accepted 5th June 2022, Published 1st of July 2022