

Responding of Vertical Gardens and Green Facades in Urban Design to the Global Environmental Impacts and the Call for Greening in Urban Spaces

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Abstract : Vertical lawn is crucial for the development of the constructed surroundings' sustainability. Their implementation is also ecologically and aesthetically ideal as a good enough architectural characteristic that enhancements facades. Furthermore, their exploitation ends in a power-conscious design that prevents densely populated city areas in Cairo from transforming right into a deteriorated natural environment. After collaborative studies and analysis, it concluded that installing the vertical garden will not simply enhance urban spaces and informal settlements' homes aesthetically but also offer an excellent role version to the metropolis in how future buildings can be constructed with vertical gardens established. Most significantly, it will enhance the general public consciousness of the inexperienced functions of the vertical garden to the constructing customers and visitors.

Keywords : vertical gardens, green facades, urban rehabilitation, urban spaces

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