

## **Recommending Appropriate Type of Green Roof Considering Urban Typology and Climatic Zoning in Iran**

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**Abstract :** Population growth in big cities of Iran has led to limitation of land resources, more consumption of non-renewable sources of energy and many environmental problems. Emerging of overbuilt urban areas and decreasing amount of green spaces cause the appearance of an undesirable landscape in the cities. Green roof technology is a solution to improve environmental concerns in urban areas which combines green spaces with buildings as the private or semi-private spaces. Successful implementation in different areas definitely depends on accommodation of green roof type with the environment and urban and building typology in Iran. This paper is aiming to provide some recommendation for selecting appropriate type of green roof and executive solutions considering to climatic zoning and urban situation in Iran. Two main aspects which have been considered are environmental and urban typology factors.

**Keywords :** green roof, urban typology, climate zone, landscape

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