

# The Role of Ornamental Plants in Urban Green Spaces

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**Abstract:** *Ornamental plants, with their diverse and aesthetic qualities, play a pivotal role in enhancing the functionality and appeal of these urban green areas. This research explores the multifaceted contributions of ornamental plants to urban environments, focusing on their aesthetic, ecological, and socio-economic significance. The aesthetic value of ornamental plants is evident in their ability to create visually pleasing landscapes within cities, providing a respite from the concrete jungle and positively influencing the psychological well-being of urban inhabitants. Their vibrant colors, diverse shapes, and seasonal variations add vibrancy to cityscapes. Ecologically, ornamental plants support biodiversity, offering vital habitats for pollinators and other wildlife, and contributing to the overall health of urban ecosystems. They also aid in mitigating environmental challenges, such as air pollution, the urban heat island effect, and storm water management. Furthermore, ornamental plants in urban green spaces have a significant socio-economic impact. They enhance property values, attract tourism, and encourage community engagement and social interaction, thereby strengthening the social fabric of urban communities. The economic benefits associated with ornamental plants underscore their role in urban planning and design.*

**Keywords:** Ornamental plants, Urban green spaces, Aesthetic value, Psychological well-being, Biodiversity, Ecosystem services, Urban heat island effect, Air quality, Social interaction, Economic benefits, Sustainable landscaping, Community engagement, Climate resilience, Urban planning, Sustainability, Urban aesthetics, Landscape design, Ecological impact, Urban ecosystems, Property values

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