

Brief Explanation on Urban Design

Shuji Reiko*

Department of Building and Real Estate, The Hong Kong Polytechnic University, Hung Hom, Hong Kong, China

*Corresponding author: Dr Shuji Reiko, Department of Building and Real Estate, The Hong Kong Polytechnic University, Hung Hom, Hong Kong, China, Email: shuji_reiko895@dfci.harvard.cn

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Abstract

Urban design is the process of planning for the supply of municipal services to inhabitants and tourists, as well as creating and molding the physical characteristics of cities, towns, and villages. Urban design is concerned with the greater scale of buildings, infrastructure, streets, and public spaces, as well as entire neighborhoods and districts, and entire cities, with the objective of creating equitable, attractive, performativity, and sustainable urban environments. The techniques and features of architecture and other allied professions, such as landscape design, urban planning, civil engineering, and municipal engineering, used in urban design, which is multidisciplinary discipline.

Keywords

Allied professions; Infrastructure; Environment

About the Study

The Urban Design Principles reflect a set of principles that should be conveyed in the built environment and define a course for Los Angeles. These guidelines apply to the area between buildings as well as the space within property borders. They focus on improving links and transitions between buildings, means of transportation, and the public space. They're also about aiding the city's many departments and agencies in comprehending the city's goal.

Urban designers work alongside architects, landscape architects, transportation engineers, urban planners, and industrial designers to alter cities. To manage public places, it is important to collaborate with government agencies, authorities, and the interests of neighboring property owners. Users frequently compete for space and engage in cross-pollination. While some professionals call themselves urban designers, the bulk of them have credentials in urban planning, architecture, or landscape architecture. Many collegiate programs have urban design theory and design courses as part of their curriculum. At the post-graduate level, there are an increasing number of university programs providing degrees in urban design.

Considerations in Urban Planning

- Pedestrian zones
- Incorporation of nature within a city
- Aesthetics
- Urban structure
- Urban typology, density and sustainability
- Accessibility
- Legibility and way finding
- Animation
- Function and fit
- Mixed-use complements
- Meaning and personality

- The law and the event
- Change and continuity
- Civil society
- Engagement/participation

The art of building and shaping cities and communities is known as urban design. The process includes the construction of buildings, public spaces, transportation networks, services, and amenities. It is the process of giving structures, entire neighborhoods, and the city their shape, personality, and structure. It's a system for organizing the components into a network of streets, squares, and blocks.

- Obtaining high rates of return on investment (i.e. high rental yields and increased capital values) Making new locations more appealing than the competitors at a low cost
- Responding to the needs of the occupants
- lowering the expenses of management, maintenance, energy, and security
- assisting in the creation of more happy and productive workforces
- Supporting projects with dynamic mixed-use components
- Developing a market dividend for urban renewal and place making
- Creating distinction and elevating the status of locations
- Encouraging investment and boosting development confidence
- Possibilities for residents to generate money
- Reducing the expense of correcting urban design errors for the general population.

The advantages of excellent urban design

- Encouraging physical exercise and recreation to enhance physical and mental wellbeing
- Enhanced biodiversity and offer homes for birds, animals, and insects higher sense of wellness and happiness boosting children's cognitive development by encouraging play decreased car usage improved biodiversity and provide habitats for birds, animals, and insects

- To reduce the urban heat island effect, better air and storm water quality are being used to cool metropolitan areas
- A higher level of social capital and interconnectedness

Differences between urban design and urban planner

- The act of designing a city's structures, including laws, infrastructure, neighborhoods, construction standards, and regulations, is known as urban planning. The definition of urban planning is "the development of city tactics, buildings, and

policies." The concentration is on the strategy, organization, and policy level, and is more technical and political.

- Urban design, on the other hand, is the construction of city characteristics based on blueprints. Everything from public space to infrastructure, as well as transportation, landscapes, and community accommodations, is included. By definition, urban design is the "creation of city features." It acts at the feature and system level, with an emphasis on design and user experience.