

عنوان مقاله:

(Density in Relation to Patterns of Built-forms (Case Study: Addis Ababa, Ethiopia)

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خلاصه مقاله:

Density is a critical typology in determining sustainable urban built-form patterns. Built-form refers to the assemblage and arrangement of the building masses in a city reflecting the spatial layout of spaces. The relationship between density and urban character is also based on at certain densities (thresholds). In a wider sense, sustainable cities are a matter of density. Recent debates about the creation of more sustainable urban form, compact cities have led to a renewed focus on issues of density. The argument is that high density high-rise with low ground coverage or compact city form can offer a high quality of life while minimizing crime, possibility to provide adequate amenities, green and open spaces, accessibility and space consumption. However, the relationships of density and patterns built-form are not reasonably well developed and integrated into the urban design-planning processes in developing countries cities like Addis Ababa. On the hand, not many studies have been undertaken with regard to density in relation to patterns of built-forms. Therefore, this study aims to explore density in relation to patterns of built-form in the process of planning & design of urban spaces². The analysis is based on the primary sources as well as secondary documents collected from the concerned agencies and related references. The findings illustrate that high density high-rise with low ground coverage patterns of built-forms can offer better possibilities for installing good spatial quality³ of urban spaces. It concludes with an overview of emerging thinking/implications where further efforts are required in the future

کلمات کلیدی:

density, ground coverage, floor area ratio, Built-Forms, High-Density high-rise and low-rise, Spatial-Quality, urban-spaces, built-environment, Addis-Ababa

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