

Site Analysis' Importance as a Valid Factor in Building Design

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Abstract : The act of evaluating a particular site physically and socially in order to create a good design solution that will address the physical and interior environment of the location is known as architectural site analysis. This essay will describe site analysis as a useful design component. According to the introduction and supporting research, site evaluation and analysis are crucial to good design in terms of topography, orientation, site size, accessibility, rainfall, wind direction, and times of sunrise and sunset. Methodology: Both quantitative and qualitative analyses are used in this paper. The primary and secondary types of data collection are as follows. This information was gathered via the case study approach, already published literature, journals, the internet, a local poll, oral interviews, inquiries, and in-person interviews. The purpose of this is to clarify the benefits of site analysis for the design process and its implications for the working or building stage. Results: Each site's criteria are unique in terms of things like soil, plants, trees, accessibility, topography, and security. This will make it easier for the architect and environmentalist to decide on the idea, shape, and supporting structures of the design. It is crucial because before any design work is done, the nature of the target location will be determined through site visits and research. The location, contours, site features, and accessibility are just a few of the topics included in this site study. In order for students and working architects to understand the nature of the site they will be working on, site analysis is a key component of architectural education. The building's orientation, the site's circulation, and the sustainability of the site may all be determined with thorough research of the site's features.

Keywords : analysis, climate, statistics, design

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