



Extended summary

**The space in contemporary City**  
*Human behavior in built environment*

*Curriculum: Analisi e progetto dell'architettura e del territorio*  
*Ingegneria delle strutture e delle infrastrutture*

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**Abstract:**

Sheikh Omar is one of 13 neighborhoods within the Rusafa District of Eastern Baghdad. Some parts of Sheikh Omar have evolved into low amenity industrial zones which do not make best use of such a central location and which are therefore to be relocated to new industrial locations nearer the city edge. Because this region suffered from a physical profound change as a result of the omission of Human Studies. These opportunities allow the redevelopment of the area of Sheikh Omar .

This thesis analyzes the possibility of re-development of the area of Sheikh Omar . It applies a set of urban design principles, based particularly on research concerning open space design and distribution and their effects on human behavior, to align the design of the new physical environment more closely to the needs and benefit of its users. In this way Human Studies, and when combined with the consideration of the physical design with urban space, can create a more sustainable urban model with long-term benefits for the residents and the city.

The case study is an analysis of the problems of the region, which led to the deterioration of the urban environment and to make suggestions for the development of the region Sheikh Omar, public areas of the design, in terms of the scale, function, connectivity and quality of the open space network, is a highly important part of master plan - rather than open space comprising the spaces left over after the buildings have been laid out.

**Keywords.** The space ,Human behavior, The fourth dimension, Built environment, Soft landscape ,Hard landscape, Dynamic Space, Static Space .

## 1 Problem statement and Aims :

The problem faced by the study is that the design and planning of urban areas new or prophylaxis in underdeveloped areas urban has focused on the physical side (the built environment) with the omission of the moral aspect (human behavior), that the omission of Humanities leads to the omission in the design of Urban Spaces, which affects negatively on human behavior which has had the effect in the emergence of a negative impact on the physical environment in the performance and economic functions (such as depression of trade) and social (such as the disappearance of activity and the emergence of new activities), recreational, cultural and aesthetic .

The aim for this study is , Identifying the correlation between the physical environment (built) and human behavior in the design of new urban space with particular reference to the re -development of Sheikh Omar district in Baghdad and assess the current status of the area and the need in the region to develop and revive Urban Spaces to draw attention to this kind of research such as the design and development of urban spaces in the areas of development .

## 2 Research planning and activities :

The focus of the study on the area of Sheikh Omar, one of the most important centers of hand Rusafa Although after the historic importance of large private currently in the creation of several large-scale projects where it was important to study this region and the relationship between human behavior and the physical environment because of its importance in the creation of those spaces .

Theoretical framework: The faithful definition for urban space and its forms and all the characteristics that are linked and relationship in the built environment and the wealth effects of social, cultural and entertainment on the population and to identify the overall outlook for the planning processes of tissue Urban for the formation of urban spaces in the dimensions of the physical three without ignoring the time factor as far as the fourth in design spaces in addition to the coordination sites, which aims to achieve the required level of environmental spaces .

The study process: choose the area of Sheikh Omar in the area of Rusafa as a case study of the importance of the creation and design of urban spaces and the relationship between the physical environment and human behavior for users of those areas and through monitoring the views of individuals to those areas and analyze the data to see the importance of creating spaces in those areas

### 3 Analysis and discussion of main results :

The urban environment in the area of Sheikh Omar has reflected on the Visualization of the place because of the problems of the region in terms of the streets and the lack of fields and the large number of entrances to the region from various quarters in addition to the lack of autism in the heights of buildings and the lack of the presence of elements of furniture, as well as to there are problems in the properties of Urban Spaces , all these affected the mental image for individual users of the area and how they treat the vacuum and activities and existing uses. This is reflected in human behavior , where the mental image of the vacuum makes the user know the behavior that is followed in this Space.

### 4 Conclusions :

Summarized the study reported that the relationship between urban space and the behavior of the human correlation and the presence of any deficiencies in the humanities (human behavior) impedes perform urban spaces on the functions of economic and social, recreational and aesthetic because Urban Spaces strongly associated with direct human being because is the only user of these spaces .

And the study of human behavior and the theories that explain this behavior in the urban environment considered is the human wave in these spaces, because the design of the built environment should not be handled at random there must be compatibility between the modes of behavior desired, the main objective of which must be available in Urban Spaces is formed after material complies with the social and cultural context and behavioral place .

And also resulted from this study to identify the area of Sheikh Omar and the reasons for their selection and analysis of the problems of this region , which is that studies have focused on the slit and one a notch physical ( built environment ) and created solutions to those problems but omitted studies for the second part which is at least as important as the first part which is notch moral ( human behavior ) and its relation to the physical environment and for this correlation of significant impact in solving problems with shed light on the current situation of the urban environment , through the identification of cases of buildings and the surrounding environment as well as that resulting from the development of design solutions spaces Urban in the study area that will help revive the region and the change in human behavior in this region in terms of the use and activities , whether the activities of the movement or extrapolation , which produces curse illustrate the mutual influence of the physical environment in Urban Spaces and human behavior for users of these spaces .

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