

Chapter 17

EVALUATION OF A CAMPUS OPEN SPACES FOR WINTER LANDSCAPE

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INTRODUCTION

Urbanization, population growth and industrialization brought about many problems (Güneroğlu, 2017; Güneroğlu & Bekar 2017; Bekar, Gülpınar Sekban & Acar, 2018; Dihkan, Karsli, Güneroğlu & Güneroğlu, 2018; Gülpınar Sekban, Bekar & Acar, 2019). However, as a solution to the problems caused by daily life and stress, people have started to prefer various activities in their leisure time (Bekar, Sekban 2018a).

While landscape can be defined as a person's thought and emotion structure, another definition is the cognitive structure created by what is observed (Özhancı & Yılmaz 2013). The word a habitability is explained by the sub-meanings of "suitable for living", "worth living", where it is possible to live or responding to the needs of people for living. Livability is a set of parameters related to the assessment and measurement of all conditions conducive to living in a residential area. The level of meeting the basic and higher-level needs of people constitutes the meaning of the concept of livability (Tandoğan & Şişman 2018).

Climate is an important factor in the plantation works to be done (Pulatkan, Bekar & Güneroğlu, 2018; Bekar & Sekban 2018b).

It is one of the important factors that affect the design of the structure and settlement as well as the climate conditions, forus and population. In the design of a building, first of all climatic conditions should be controlled and the desired internal climatic comfort conditions must be ensured, while in a residential area, the climatic conditions should also be taken into consideration in the design of outdoor and public spaces in order to create more livable urban spaces (Tandoğan & Şişman 2018).

On university campuses, open and green areas have some important functions. These; ensure the integrity between the buildings and the campus; Provide space for the circulation system; To enable the organization of outdoor spaces to meet

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Table 7. The result of users select which area in snowfall

Which area of the campus do you prefer the most during snowfall?		
Variables	Frequency	Percent %
Gate C and its surroundings	57	57
The rector office's enviroment	6	6
Social facilities and environment	4	4
Forestry faculty and environment	12	12
Faculty of architecture and its environment	10	10
Engineering faculty and its environment	-	-
Canteen of Forestry Faculty and its surroundings	10	10
	100	100

CONCLUSION

In this study, plant taxa, which can be evaluated in the winter landscape are examined. When it snows on the campus of the Black Sea Technical University, there are many difficulties. The planting works to be carried out should address the seasons. Therefore, the study is important. Plant taxa selected within the scope of the study are exemplary. There are other taxa like this one too. At the same time, when we look at the results of the survey conducted with campus users, 65% do not find the campus area useful while under the snow (Table 2). At the same time, while 75% of the users stated that the campus plantation was partially suitable, 17% said that they do not find it appropriate (Table 3). In the surveys, 85% of the users saw the campus under snow (Table 4). 92% of users enjoy activity under snow. On the other hand, they like to use around campus c gate under snow (57%) (Table 5). In the Ankat study, "Do you enjoy walking among the plants in the snow during snowfall? 78 was answered with" yes (78%) (Table 6).

As a result, plant taxa that can withstand the effect of snow should be included in the plantation studies to be carried out. The most important factor in this stage is the climate. The number of snowy days should be taken into consideration, especially in the provinces called winter cities..

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