OP380

Valuation of the Plant Compositions at the Spatial Level: A Case of Göztepe 60th Year Park

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Aim of the study: The most important feature of urban green spaces is that they offer this spaces to its users and the activities provided by these spaces. On the other side, one of the important elements of the spatial components is plants that they constitute urban parks. In this study, it is aimed that the Istanbul Göztepe 60th Year Park will shed light on the new urban landscape planning in addition to the status of plant species diversity at the spatial level and it is aimed to respond to the requests of the users within this scope.

Material and Methods: At the spatial level, it is examined how the plants are used in spaces. In which families the plants are examined to see how many species they have. These datas are used in the creation, evaluation and display of plant composition data via Geographical Information Systems (GIS) in Göztepe 60.Yıl Park located in the city of Istanbul. In this context the classification and density of plants were determined.

Results: As a result according to the analyzes, the types of plants are the main factor in the spaces. *Buxus sempervires* L., which is used as the border element in the determinations for the species in the park that it becomes the most widely used species. In addition, according to the results of density analysis. *Rosa* L. spp. is obtained the spatial density that is used in the rose garden that is the most popular with the mass use intensity.

Keywords: CBS, density analysis, spatial analysis, urban plants.