

■ 研究発表論文

神戸市における市民の植枘利用が街路樹の生育環境に与える影響とその認識に関する研究

The Study on the Influences of Citizens' Gardening Use in the Street Trees Planting Plots to the Street Trees' Growth and Citizens' Thoughts to these Influences in Kobe City

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Abstract : Street tree planting plots are used in various ways by citizens, because these spaces are precious for residents in urban area to enjoy gardening. However, these uses may influence the growth of street trees. Therefore, we investigated the growth conditions of street trees where gardening occurred in the planting plots, the neighborhood's awareness toward this use, and the user's interest in planting area. Consequently, the findings showed no serious influence upon growth, and gardening soil in the planting plots is better for plants than not. Moreover, some pedestrians are concerned about the street landscape rather than safety because insufficient maintenance and disrupts the streetscape design, and the plantings cause narrowing of the sidewalk. To resolve this, we recommend establishing rules on the use of street tree planting plots for gardening by citizens. For example sufficient watering, proper pruning, and keeping flowerpots inside of tree planting plots, will resolve these issues.

Keywords: *street trees, street tree planting areas, planting activity, street landscape, pedestrian safety*

キーワード：街路樹，植枘，緑化活動，街路景観，歩行者安全