

# 街路樹の樹形が損なわれる要因と 景観評価に与える影響

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本研究では街路景観において街路樹の樹形が損なわれる要因とその樹形が景観の印象にどの程度影響するかに焦点をあてたものである。調査方法としては心理学的な手法を用いた2種類の印象評価実験および、造園事業者へのヒアリング調査を実施した。印象評価実験で得られたデータはプロフィール分析と SPSS を使用し主成分分析を実施し、景観と樹形の相関を検証した。その結果、樹形の損なわれた街路樹の植栽される街路は総じて評価が低くなり、自然樹形が維持された街路樹の植栽される街路は街路の印象に関わらず高い評価を受けることが明らかになった。造園事業者へのヒアリング調査では、樹木医へのヒアリングを実施し、損なわれた樹形が発生する要因を調査した。その結果、行政の知識不足や造園事業者の人材不足と技術不足に加え近隣住民から理解を得られていない現状などが伺えた。以上より、街路樹の樹形が損なわれる要因と景観評価に与える影響としては街路樹の維持、管理に関わる行政および造園事業者の管理体制に課題があることが明らかになった。

## Factors that cause roadside trees to lose their shape and and their impact on landscape assessment

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This study focused on the factors that cause the loss of street tree form in the streetscape and the extent to which the form of the trees affects the impression of the landscape. Two types of impression evaluation experiments using psychological methods and interviews with landscapers were conducted as research methods. The data obtained from the impression evaluation experiments were subjected to profile analysis and principal component analysis using SPSS to verify the correlation between landscape and tree shape. As a result, it was found that streets planted with damaged trees generally received lower evaluations, while streets planted with trees that maintained their natural

shape received higher evaluations regardless of the impression of the street. Interviews with arborists were conducted with landscape architects to investigate the factors that cause impaired tree form. As a result, it was found that there is a lack of knowledge by the government, a lack of human resources and skills by landscapers, and a lack of understanding by neighborhood residents.

The results of the survey revealed that the factors that cause the loss of roadside trees and their impact on landscape evaluation include issues related to the management system of the government and landscaping companies involved in the maintenance and management of roadside trees.