

Visualization of the diversity of the trees in a city park and a street tree at Ginza area

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In recent years, it is an important subject how to live with various environmental issues such as global warming. Tokyo was blessed with a rich ecosystem before modern industrialization. But by the extension of urbanized area, the green space was changed into a city park or a street tree, which is difficult to maintain ecosystem existed before. Diversity of trees is essential for the visualization of urban green space structure.

Chuo-ku in Tokyo has made a map of green coverage following the green survey in 2005. This map that shows the green space morphology is usable for open space planning. But as for the map cannot show the internal structure of vegetation, it is desirable to include the distribution of vegetation.

This study investigates the vegetation of city parks and street trees at Ginza area in Chuo-ku, and described every distribution of trees inside the green space as a thematic map.

Keywords: Ginza, urban green space, spatial structure, diversity of trees, visualization