

A Study on slope land space in Tokyo Yamanote region, viewed from urban planning

Ch. Yasuo Matsumoto

(Assistant Professor, Faculty of Science and Engineering, Waseda University)

[SYNOPSIS]

In the uptown area of Tokyo's 23 wards, modern era, urbanization has progressed in rural areas outside of built-up area. In the relatively flat location on Musashino plateau, land development have been made on the basis of modern city planning. Even at the periphery of slope areas, urbanization is gradually progressing. On the other hand, with this, forest and green areas of the slope ground gradually decreases, also the various environments of the areas is changing.

Research representatives, clarified for the spatial transformation of slope land in central Tokyo in the PhD thesis. Since then, he has continued to study the slope area of Yamanote area of Tokyo's 23 wards. This study is intended also be useful for application to Tokyo's city planning and urban landscape planning of the future. And to clarify the spatial transformation and the current state of landscape of slope land in Tokyo Yamanote region, and it was discussed.

City of central Tokyo has been formed in the easternmost part of the Musashino Plateau. In Chapter 2, formation process of Musashino Plateau the and its topographical features, also transition of slope area from the Edo period to the present, were outlined.

Chapter 3, to select the case district from the western part of Tokyo's 23 wards, land use, natural environment, the residential area landscape, were investigated the evolution and current state. As a result, in regions near the city, it was found that it is in the situation where the high density housing built in the slope areas. On the other hand, the region of the outside, residential land use of slope land has been a partial ones. In addition, before the development of slope land to proceed, protection and preservation of green space has been made. For this reason, suburbs of residential areas have been maintained at a relatively favorable environment.

Heat island reduction, risk of flooding and landslides and fire, conservation of view and landscape, considering these, maintenance and preservation of the natural environment of the slope land increasingly important. From such a position, In Chapter 5, to organize the current problems, in Chapter 6 was subjected to some of the proposals for the application to urban landscape planning of the future in Tokyo.