The Evaluation of Effectiveness at Green Master Plan

A perspective of conservation and enlargement of Green Space

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1. OBJECTIVE AND BACKGROUND

The global environmental issue has been taken seriously in the twenty-first century, "the eco-age". "The green" should play important roles in cities to achieve safe, clean and energy efficient environment and to conserve various species. The function of "the green" will be more appreciated by synthetic and deliberate promotion of a policy on conservation, creation and management for "the green". "The Green Master Plan" has a vital role in this century. Ten years has already passed since a system based on the plan was built, and it is moving onto the next stage by the implementation of the master plan. A system such as PDCA cycle which confirms, assesses and reviews an outcome will be essential in order to manage the plan. However, only a few outcomes of limited cases on autonomies have been announced, and there is no existing document that deals with the effectiveness of the plan. Therefore effectiveness of the Green Master Plan is evaluated from the point of conservation and enhancement of green space in this study. Moreover this study takes aim at expanding our knowledge to enhance effectiveness of the master plan by investigating into influence factors on the growth of the green.

2. METHODOLOGY

The Green Master Plan (as of 2003) is now set and/or considering in 743 cities. The research stratified 80 samples, and then, examined on three following points.

1. Understanding the actual situation how municipalities implemented the Plan by extracting the elements from researches that has done already on this topic on effective implementation of the Plan.
2. Assessing the effective implementation of using two criteria "practical result"and "status of its progress" by interviewing to targeted 80 municipalities. The interviews were mainly focused on finding data of "value when the Plan was set", "value of actual situation" and "value of the target" and these three topic were examined by on each following topic: greenery area in designated for urbanization", "greenery area in urban planning", "are of park in urban area for per capita" and "area of park in urban area and so on for per capita".
3. Examining the relation of 1and 2, to find out the elements that causes the increase of greenery area.

3. RESULT AND CONSIDERATION

As for the actual condition about enhancement effectiveness of the master plan, we can see the device which requires the reflection of inhabitant opinion with law but there are few cities like that substantial citizen participation was done. And the result of the evaluation of effectiveness of Green Master Plan, favorable cities are the whole 1/3, the evaluation of effectiveness at Green master plan is not implemented. And as the result of inspecting the correlation with the growth of green land and influence factor, there is almost no interrelation between effectiveness of the plan and plan decision process or planned contents. The strong factors are target value and review of the plan. Content-making that can understand the advancement condition of the plan, and its review are important to improve its effectiveness. To do so, following changes are necessary : increase the number items of numerical target ,embody contents of the plan, and systematize the policies.