THE CONCEPT OF DOWNTOWN GREEN OPEN SPACE IN PONOROGO CITY

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ABSTRACT

Urban Open Space (also known as Green Space) of a city is an important part of forming the structure of the city. This Green Open Space has three main functions which are Aesthetical Function, Ecological Function and Economical Function. Green Open Space of urban areas basically has a main function to maintain the sustainability of city’s life community. Therefore, the need of Green Open Space is important. However, major fast development of a city can cause rapid changes in the urban morphology. As a result, the city will encounter decreasing spaces that are aimed to be the Green Open Spaces which work as the urban lungs. The lack of proportion and distribution of Green Open Space is a problem that occurred in the city of Ponorogo. The proportion of Green Open Space in Ponorogo, especially in downtown area, only holds 10% of the overall area of Ponorogo. On the other hands, the remaining area is divided into developed and undeveloped area has not been used properly. In fact, the distribution of Green Open Space in downtown area of Ponorogo only concentrated in one area and does not spread evenly in other areas.

The objective of this research is to find out the composition of Green Open Spaces distribution and proportion, especially in downtown Ponorogo city. Finally, it will produce a draft of constructing the Green Open Space according to its function to support ecological quality of the city that works together with the typology of Ponorogo city. Qualitative research methods with the positivistic approach are used as the research metode. The factor analysis technique is used for analyzing the factors that cause the lack of green open spaces proportions and distributions within the Ponorogo City. To find the magnitude and the distribution of Ponorogo’s Green Open Space proportion, the Delphi technique analysis and triangulation of data in the analysis stage are used. This analysis will help to find out the concept of urban Green Open Spaces of Ponorogo according to its function to supports ecological quality of the city.

The results of this research is a major green open spaces concept that can be applied as guidelines in order to elaborate green open space in the downtown area of Ponorogo, that can functioned as an ecology base of the area and also consider as the aesthetic, social, economy and culture values from the green open spaces. The green open space concepts consist of five main concepts which is the concept of city’s square, city’s park, neighborhood park, streets median and separator, graveyards and also the green open space alongside of the river line which still holds the cultural values of Ponorogo by using local vegetations and reog ornaments. The proportions and distribution of green open spaces in Ponorogo’s downtown area will be maximally fullfiled by this green open space concepts.

Keywords: Downtown, Green Open Space, Ecological Factors, Aesthetethical Factors, Social Economical and Cultural Factors Proportion and Distribution.