ORGANIZATION OF GREEN OPEN SPACE IN DOWNTOWN LAMONGAN BASED SUSTAINABLE URBAN LANDSCAPE

Name: Aruna Dwitya Putra
NRP: 3211.203.006
Supervisor: Ir. Muhammad Faqih, MSA, Ph.D
Co-Supervisor: Dr. Ing. Ir. Bambang Soemardiono

ABSTRACT

At the center of Lamongan, green space has potential as a sustainable green open space. Potential can be seen from the green open space function is currently not only emphasizes the ecological side, but also the socio-cultural elements of the locality preserving Lamongan as maintain existing historic buildings in the green open spaces and also the informal economy with activity in the green open space. But behind this potential, the green open space functions in the sustainability function will interfere with each other if not offset by green open space arrangement was watching equality of each function.

This study uses qualitative and quantitative research methods with post positivistic approach. Analysis techniques are used the technique tipo morphology and descriptive qualitative analysis to analyze the pattern and distribution of green open space as well as triangulation analysis techniques to identify criteria for sustainable urban landscape.

The results of this research is the design of green open space arrangement based on sustainable urban landscape downtown Lamongan. The arrangement can improve the quality and quantity of green open space with includes physical and non-physical aspects, which includes aspects of ecological, socio-cultural and economy in the form of the green line, the town square, a garden city, grave area, urban forests and riverbanks.

Keywords: Downtown, Green Open Space, Sustainable Urban Landscape