ABSTRACT

Surabaya City is one of major cities in Indonesia, which has a highest dynamic and activity of the city that spurred the growth of an increasingly dense population. With the rapid growth of the population, supply of land as a source for housing development into the needs of each individual are becoming increasingly limited. The transformation of urban land use conducted to meet the needs of the home for people should always pay attention to aspects of the construction site in accordance with spatial planning, land suitability based on physical parameters, and the policy of the local stakeholders to make a balanced environment and provision of efficient infrastructure. Planning housing development can using spatial analysis methods to determine location with the spatial planning and land suitability, also using Analytical Hierarchy Process (AHP) to determine location of the priority development of the residential area.

The result of residential land suitability analysis indicate the West Surabaya area is dominated by residential land suitability amounted 9399.550 hectares (81.17%) of the total area of west Surabaya amounted 11580,131 ha. The results of the analysis of the overlay and buffer between the residential area map, eksisitng West Surabaya map in 2012, and infrastructure is determination of the location of residential development map, which residential development can conducted in the district Lakarsantri, district Sambikerep, and district Sukomanunggal. Determination of the location priority of residential development district Sukomanunggal as the first priority with a weight amounted 1.32505, district Sambikerep as the second priority with a weight amounted 0.89620, and district Lakarsantri as the third priority with a weight amounted 0.77877.

Kata Kunci : Residential Area, Analytical Hierarchy Process (AHP), Spatial Analysis
“Halaman ini Sengaja dikosongkan”