

SUMMARY

Bagus Artandio, Department of Urban and Regional Planning, Faculty of Engineering Brawijaya University, July 2018, *Prioritization of Location for Land Provision in Malang City Urban Green Open Space Fulfillment*, Academic Supervisor: Deni Agus Setyono, ST., M.Eng. and Eddi Basuki Kurniawan, ST., MT

Malang listed as one of the Indonesia's pioneers in developing Green Cities. Whereas, Green Open Space (RTH) is one of the main attributes. Green Open Space functions as an ecological balancer of the city. Based on Indonesian Law no. 26 in 2007, Green Open Space should cover 30% of urban area, divided into 20% public green open space and 10% private green open space. Despite that, green open space in Malang has not reached these requirements. The inability to meet the ideal conditions will affect the condition of the environment, and socio-cultural conditions.

The Government of Malang City has realized the urgency to develop green open space area. The government developed Green City Development Program (P2KH), a collaborative program to realized the green city commitment. However, the Green City Action Plan Document which is expected to solve the problem, has not contain specific plans to meet the 20% green open space.

Therefore, this study aims to formulate the priority of potential land locations that can be developed as a green open space public. This research uses descriptive method of area potential analysis, Analytic Hierarchy Process, and scoring analysis.

From the analysis results, this study note that the green open space in Malang City currently has reached 14.71% (1,634.35 Ha) of the total city area. In order to meet the provisions of Public Spaces by 20% of urban area, Malang City required additional green open space equal to 587,25 Ha. Similarly, if the green open space fulfillment standard is measured through per capita needs, Malang City still has a green open space shortage of 668.99 ha.

In the Status Quo, Malang City has a total land area of 264.94 hectares of vacant land. Coupled with the land assets of the Government of Malang City that can be developed area of 46.87 Ha. If calculated, there are 4.15% of the area required to achieve the standard urban public transport requirement, covering an area of 461.15 Ha. The identified potential land area has not been able to answer the shortage of public urban green space in Malang City.

From the results of the analysis, it is known that the land with the category I for the development of green space is TA-A-Tlogomas and TA-A Pandanwangi. In Priority 2 there are 8 lands, namely MTG-Bumiayu-2, MTL-Arjosari-2, MU-Dinoyo-1, TA-Merjosari, TA-Tungulwulung, TA-B-Lesanpuro, TA-C-Tlogowaru and TA- Tlogowaru. In addition, 56 other vacant land at 6 BWP scattered in various part Malang Raya.

Keywords: *Public-Green-Open-Space, Land, Priority*