

## SUMMARY

GREEN SUNDYANTI, *Department of City and Regional Planning, Faculty of Engineering, University of Brawijaya, September 2016, Pedestrian Planning in the Public Open Space Swimming Makale, Supervisor: Imma Widyawati Agustin, ST., MT., Ph.D and Dadang Meru Utomo, ST., MURP*

*Kolam Makale which is a research site located in the District Makale which is the center of activity in Tana Toraja. Kolam Makale at the center of activities consisting of various types of land use that encourages high movement, including pedestrians. Pedestrian movement should be supported by the availability of pedestrian way as an alternative link. The purpose of the study to determine the direction of the arrangement of pedestrian way in Kolam Makale that can support pedestrian activity. The study used the Pedoman Perencanaan, Penyediaan dan Pemanfaatan Prasarana dan Sarana Jaringan Pejalan Kaki di Kawasan Perkotaan Tahun 2014 to determine the performance of pedestrian way, Importance Performance Analysis to determine the level of importance and satisfaction of users as well as the Analytical Hierarchy Process to determine the priority of the alternative arrangement of pedestrian paths.*

*The results showed the level of service to the movement of pedestrian way are highest on weekdays E whereas the highest weekend is D. The level of interest and user satisfaction by Importance Performance Analysis showed improvement priorities pedestrian way consists of the addition of supporting facilities such as seating, vegetation, ramp and markings, lighting, etc. Referrals to the arrangement of pedestrians way in Kolam Makale consists of six alternatives of improvement of pedestrian way that are not continuous (uninterrupted), fixes the width and height of pedestrian way, addition of complementary facilities walking trails, repair facility layout pedestrian paths, as well as increased activities and social interaction between users of pedestrian way. Alternative arrangement of pedestrian way most priority is the improvement of the width and height of a pedestrian way with a geometric mean value of 0241.*

*Improvement wide pedestrian lane performed in all segments in accordance with characteristics of each segment. In general, the width of pedestrian improvements done by providing effective pedestrian way for pedestrians and lane placement support facilities pedestrian way. The arrangement of pedestrian way in public open space Kolam Makale also performed with the addition of complementary facilities pedestrian way consisting of seating, vegetation, ramp and markings, lighting, separation between pedestrian and vehicle lanes, and crossing paths. The addition of complementary facilities pedestrian way performed in all segments.*

**Keywords:** *Pedestrian-Way, Importance-Perfomance-Analysis, Analytical-Hierarchy-Process, Kolam-Makale*