REDESIGN OF RIVERBANK TOURISM AREA USING ECOTOURISM CONCEPT IN MOJOKERTO KAWASAN PARIWISATA (MKP) BRANTAS

Student Name: Jendy Yuliana Dewi  
Number: 3212203004  
Supervisor: Dr. Ing. Ir. Bambang Soemardiono  
Co-Supervisor: Ir. Purwanita Setijanti M.Sc.,Ph.D

ABSTRACT

Mojokerto is one of the areas that are in the path of the Brantas River. In each watershed there are riverbanks that should be protected. The riverside area commonly used as a tourism area and act of the protection is to make the area become an ecological tourism, to make it happen should note the rules of applicable legislation and ecotourism. Based on the above objectives, the process appears to be less fulfilled in regional planning Mojokerto Kawasan Pariwisata (MKP) Brantas which planned as a tourism area. Due to a decline in the quality of the footprint associated riverbanks area utilization and loss of green areas in the riverbanks area as erosion control element.

Having regard to the applicable rules and ecotourism regulations, this study aims to formulate a concept of planning and design proposed of the redesign riverbanks area based on ecotourism. Research began by examining the principles of ecologically ecotourism development and sustainable to obtain general design criteria. Then strengthen the data analysis process by conditions through facts and issues in the field of research using the Single Directional View to obtain the conclusion criteria according to the needs of the study area. Further supported by a design analysis method Low Impact Design to produce the ecological design proposed.

Based on the results obtained some conclusions of all analyzes factors that influence the design concept and the design proposed of MKP Brantas based on ecotourism, consisting of physical factors, non-physical and design. In each factor has a sub-factors that play into the parameters to get the output design to redesign of the area. These parameters on the physical factors consist of facilities and infrastructure, circulation and connecting system, a system of open space and green governance. For the non-physical factors consist of sub-social factors and environmental preservation, while the design factors, have 4 sub-factors that affect, its the unity and clarity, balance, emphasis and sequence.

Keywords: sustainable, ecological, eco-tourism, Low Impact Design, Directional Single View