Abstract

Mojokerto Regency is among regencies in province of East Java which has potential forest resource which consist protected forest covering area of 17,007,8 Ha and production forest covering area of 14,137,827 Ha. In addition to the forest potential, Mojokerto Regency has potency in nature tourism that exploit forest resources and cultural tourism. However, due to flash floods and landslides that have occurred in 2002 and claimed many victims, tourism activities especially in the District of Pacet was paralyzed and fail to thrive.

This study aims to identify determinants factors of nature tourism development and then formulate the appropriate development concepts for the nature tourism area in the Padusan Village District of Pacet. To achieve the goal, the first step is assess the environmental carrying capacity to the condition/characteristics of the area by using weighted overlay analysis. Futhermore identify determinants factors of nature tourism development with Likert analysis and the final stage triangulation analysis to formulate the concepts for the nature tourism area development in the Padusan Village District of Pacet.

The result from the environmental carrying capacity assessment are three development zone that is low environment carrying capacity, medium enviromental
carrying capacity and high environmental carrying capacity. From the factors of nature tourism development identification produced main factor determining the zone with the category of environmental carrying capacity. As for the final result is the concept of nature tourism area development in Padusan Village District of Pacet, which is functioning low environmental carrying capacity as conservation zone that still allows the special interest tourism activities such as eco-education, functioning medium environmental carrying capacity as a semi-intensive tourism zone that can motivate tourists to come and enjoy the tourist facilities that is available, functioning high environmental carrying capacity as an intensive zone with active tourism activity but still emphasizes nature tourism activities such as enjoying nature scenery and tourist attractions and activities in the area of farm and agriculture.

**Keyword : Tourism, Tourism Area Development, Environmental Carrying Capacity**