

ABSTRACT

Ramadhani, Aprilia. 2012. Revitalization of Ecotourism & Mushroom Cultivation in Sumber Brantas - Batu. Advisors: (I) Agus Subaqin, MT, (II) Pudji Pratitis Wismantara, MT.

Keywords: Revitalization of Ecotourism & Mushroom Cultivation in Sumber Brantas - Batu, Agro-Tourism, Ecology Architecture, Design, Bioclimatic Design, Design Based on the Locality Climate, Low Energy Design.

Revitalization of Ecotourism & Mushroom Cultivation is one of tourist attractions which denoted to be the Agro-Tourism commodities in Sumber Brantas, Bumiaji Batu. Yet, the background of the plan is dealing with the potential for ecotourism in the Sumber Brantas which had been developed about same commodity but not developed well for its full potential that caused delay for its operations. Besides, there is same design in this area, it also considers about the government programs that has been existed in RDTRK BWK SUB III in Bumiaji Region, Batu, which wanted to use the area as an area of ecotourism industry and tourism in the sub-region of Cangar. Therefore, to raise the potential of ecotourism's facilities, there had to be balanced with the natural beauty of Cangar Tourism, it would require a form of pilot ecotourism facilities that are expected to provide knowledge for ecotourism by presenting the existing natural beauty around the location, as well as the present atmosphere of the natural beauty Sumber Brantas-plantation society in Bumiaji-Batu.

In accordance with the objects and themes that exist on these discussed material facilities, the design of the concept is "harmony-balance with nature" through 3 steps of respects: respect site, respect village's life and respect nature and resources with putting the emphasis on the sustainability of natural resources around so the damage of the natural environment can be minimized.

In planning an ecotourism, it should be really carefully planned and being adapted to the demands of today's modern society. Planning an ecotourism which combines learning, educational, recreational and creative as well as giving comfortable and modern facilities, in a unified scope of connected and supported each other that could create a well-mixed and be able to provide comfort for the visitors. In addition, planning an ecotourism structures which considering ecological aspect can support the strength and appearance of the building itself as well as able to give friendly environment impression as a reflection of a growing environmental consciousness among the nowadays people.

Last but not least, the planning and construction of an ecotourism facility that combine learning, educational, recreational and creative by providing comprehensive

facilities and environmentally friendly are expected to answer the demands of the progress in the development of natural resource, mainly in Batu as well as East Java in particular.