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RESTORATION OF COASTAL RECREATIONAL PARK
AT TELUK BATIK, PERAK BY USING ECO-DESIGN APPROACH

This academic project is submitted in partial fulfilment of the
requirement for the Bachelor of Landscape Architecture (Hons.)

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ABSTRACTS

The coastal recreational park is defined as the outdoor activities at coastal area. The spaces are divided into active and passive recreation. The main focuses on activities are involving the coastal area, recreational park and natural forest. The conventional design gives negative effects include are loss of natural habitats, fragmented of green patch, compaction and sealing of soil. The design mostly failed cause of the design more aesthetic than functional. The challenged of the design recreational park near to the coastal area is the balance of the recreational park and coastal area. Hence, the aim of this study is a applying the eco-design approach to fulfill user needs, site functional and aesthetic aspects in enhancing the natural environment of the coastal recreational park. The objectives of this study are first, to identify the characteristic of the coastal recreational park for suitable public recreation activities by biological, physical and social. Next, the objective that is to create coastal recreational park by using the natural setting and natural environment. Last, the objective to propose a landscape master plan for coastal recreational park for Teluk Batik. The methodology was used in this project is made up of several stages, inventory analysis for collecting data, site synthesis for the sensitivity and suitability area of recreation and design solution to overcome the issues. The overall result will be used for masterplan development of Teluk Batik, Perak. Therefore, Teluk Batik is very suitable and strategic site study to enhance the natural environment that related with coastal recreational area because of is surrounding by natural forest. All the developments should be referring to the method that established by Ian McHarg in "Design with Nature" guide books. The reason is to create the development with most consideration to the environmental issue at coastal recreational park area. The design guidelines are preserving the natural ecology to sustain the existing biodiversity. As a result, Teluk Batik will bring a new experience for outdoor recreational activities at coastal area and will able to generate a source of income for economy in our country.

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CHAPTER 1:

TOPIC INTRODUCTION

1.1 INTRODUCTION

The coast is tourism and recreation for most every country in the world. In addition, the coastal is valued for a variety of commercial, cultural uses and social. The current design of Teluk Batik is to conventional coastal recreation park which failure to take uniqueness surrounding local ecological landscape. Thus, it's caused ecological function damage that used to exist in the area. One of the effort to minimize the effect is by optimizing the ecological function of the coastal recreational park using eco-design approach. Implementation of an eco-design approach such as wildlife habitat, energy efficiency, eco-habitat, multipurpose space and accommodative design storm water management.

1.2 PREVALENT ISSUE

The conventional design gives some negative effects include are loss of natural habitats, fragmented of green patch, compaction and sealing of soil. The design mostly failed cause of the design more aesthetic than functional. The challenged of the design recreational park near to the coastal area is the balance of the recreational park and coastal area. Mostly coastal recreational park landscape focus to the scenic beauty and panoramic of the coastal area. Malaysia, the design of the recreational park not related with layout nature setting. Mostly coastal recreation park has usually been used as mono-used facilities which sometimes give a negative impression to the users in that area such as safety issue, water pollution and smell pollution that leads to the low quality of life there are because the coastal a has the own attraction.