

A study of strategic plan for Forest Stand Conservation in the Nature Reserve of Taliabu Island

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ABSTRACT

Presently it perceived is increasingly difficult for the management of a nature reserve and other conservation areas because in general the area of forest is increasingly narrow in almost all countries in the world both developed and developing countries. One of the causes is the explosion of people in the world that has been pushing for greater infrastructure development in all countries such as for road construction and water installations, settlements, government and private offices, business or market centers, agriculture and livestock, opening of mining activities in the forest area, etc. This is further exacerbated by the rampant illegal logging activities in forest areas. This paper aims to develop the management strategy of Nature Reserve at Taliabu Island with SWOT, QSPM and the projection of the first and second 5 year activities. The GIS Management is also carried out with the help of GIS. Base on the results of research conducted it can be known priority strategy is determined by ranking the strategies based on the value of the TAS from the largest to the smallest. In addition, 3 zones of Taliabu Island Nature Reserve management are defined as: core zone, buffer zone and transition zone.

Keywords: SWOT, QSPM, TAS, nature preserve, natural resources, conflict resolution