LAND COVER ANALYSIS OF INVESTMENT PLANS IN SUB LABANG, DISTRICT BANGKALAN
POST-CONSTRUCTION OF SURAMADU WITH SPOT-5

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Abstract

Labang Sub-district, district Bangkalan represent the district passed by access the main road from bridge Suramadu. With this bridge the government's efforts to increase the local economy. Condition of land that has high potential able to attract investors from within and outside, for example, that industry is a very promising field for economic improvement quickly.

Use of SPOT-5 imagery with a resolution of 2.5 m to produce land cover classification. Classification method obtained guided classes of land cover such as, fields, gardens, roads, irrigated rice, rainfed rice fields, rivers, vacant land, sand beach.

The result shows that using the method of scoring and weighting assessments to produce land suitability industrial designation, with 3 variables, namely the slope of the land, access to roads, and access to water sources. After that done with a map overlay Spatial Planning Sub Labang, obtained 79.23% of the Spatial Plan for the industrial park is an area that is suitable for industries based on the results of the assessment scoring and weighting.

Keywords : Image SPOT-5, Industrial Area, assessment and Weighted scoring.