

SUMMARY

PENENTUAN LOKASI INDUSTRI PENGOLAHAN HASIL PERIKANAN DI KABUPATEN BELITUNG TIMUR

DETERMINING OF FISHERY MANUFACTURE INDUSTRY
LOCATION IN BELITUNG TIMUR REGENCY

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Subject : Perikanan, Tanah--penggunaan dan pemeliharaan

Keyword : Penentuan lokasi; industri pengolahan hasil perikanan

Description :

Kabupaten Belitung Timur memiliki potensi yang besar dalam sektor pengembangan perikanan. Dalam RTRW juga merencanakan pengembangan sektor perikanan, termasuk pembangunan industri pengolahan hasil perikanan. Namun, dalam RTRW belum ditentukan dimana lokasi untuk pengembangan industri pengolahan hasil perikanan tersebut, termasuk juga persyaratan lokasi dalam pembangunan industri pengolahan hasil perikanan.

Studi ini menentukan lokasi industri pengolahan hasil perikanan yang sesuai dan layak berdasarkan kriteria-kriteria penentuan lokasi industri pengolahan hasil perikanan (kriteria kesesuaian lahan, bahan baku, pasar, infrastruktur, tenaga kerja, dan lingkungan). Selanjutnya dengan tetap berpedoman pada keenam kriteria, dilakukan analisis kesesuaian lahan dengan menggunakan alat analisis Modelbuilder pada ArcView GIS 3.3 untuk mengidentifikasi alternatif lokasi, analisis pembobotan kriteria dengan menggunakan alat AHP (Analytical Hierarchy Process), dan analisis penentuan lokasi industri dengan penilaian dan pembobotan masing-masing alternatif lokasi.

Dari kriteria kesesuaian lahan diperoleh enam alternatif lokasi, yaitu lokasi 1 di Kelapa Kampit, lokasi 2 di Kelapa Kampit, lokasi 3 di Manggar, lokasi 4 di Gantung, lokasi 5 Gantung, dan lokasi 6 di Dendang. Prioritas kriteria penentuan lokasi industri pengolahan hasil perikanan, yaitu bahan baku (43.5%), lingkungan (16.3%), tenaga kerja (14.6%), infrastruktur (14%), dan pasar (11.6%). Pada Akhirnya, lokasi yang layak untuk pembangunan industri pengolahan hasil perikanan adalah lokasi 3 dan lokasi 6.

Description Alt:

Belitung Timur Regency is a potential region in fishery development sector. In Belitung Timur Landuse Planning, also had a planning of fishery development sector, include planning to build fishery manufacture industry. However, in Belitung Timur Landuse Planning isn't decided yet about where the location to build (develop) that fishery manufacture industry, also the term of where the location is being builded.

This study decide the fishery manufacture industry location which appropriate and suitable consider of criterias of fishery manufacture industry location appointment (land compatibility, materials, markets, infrastructures, labourers, and environments). Then with still depends on six criterias, being does analysis of land compatibility use Modelbuilder in ArcView GIS 3.3 device to identify the alternative location, the analysis of criteria integrity use AHP device (Analitical Hierarchy Process) and the analysis of industy location decide with estimation and integrity.

From land compatibility criterias being gotten six alternative locations. That is in location 1 in Kelapa Kampit, location 2 in Kelapa Kampit, location 3 in Manggar, location 4 in Gantung, location 5 in Gantung, and location 6 in Dendang. The criteria priority of location appointment of fishery manufacture industry decide criteria is material criteria (43.5%), environment (16.3%), larbourer (14.6%), infrastructure (14)%, and market (11.6%). So the most appropriate locations for development of fishery manufacture industry are location 3 and location 6.

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Thank You,

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