

Penentuan kesesuaian lahan site selection budidaya ikan kerapu dengan (KJA) menggunakan penginderaan jauh di Provinsi Lampung =
Zonation of the development of grouper aquaculture in floating net cages (KJA) in Lampung Province using remote sensing

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Abstrak

[ABSTRAK

Penelitian ini bertujuan untuk menentukan kesesuaian lahan (site selection) budidaya ikan kerapu dengan KJA dan memetakannya serta untuk mengidentifikasi dan menentukan lokasi existing KJA di Provinsi Lampung menggunakan penginderaan jauh. Metode pada penelitian ini yaitu komposit citra dan overlay objective analysis menggunakan ArcMap. Zona kesesuaian lahan untuk kegiatan budidaya Kerapu dengan KJA di Provinsi Lampung yaitu berada di perairan dekat pantai atau daratan yaitu di daerah sangat sesuai dan cukup sesuai seluas 10.860,03 km² atau 42,39% dari luas daerah penelitian. Citra ALOS hanya mampu mendeteksi KJA sebagai spectral pure water sehingga tidak dapat digunakan untuk pemetaan KJA.

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ABSTRACT

The aims of the study are to select the site selection for grouper fish culture in floating net cage (KJA) and mapped it; It also to identify and mapping of existing floating net cages (KJA) aquaculture in Lampung Province using remote sensing. Research methods were image composite and overlay objective analysis with ArcMap. Site selection for grouper aquaculture in Lampung province by KJA is located in waters near shore or land that is of 10.860,03 km² or 42.39% of the area being studied. ALOS image has detected KJA as spectral pure water which could not be used for floating net cages area mapping;The aims of the study are to select the site selection for grouper fish culture in floating net cage (KJA) and mapped it; It also to identify and mapping of existing floating net cages (KJA) aquaculture in Lampung Province using remote sensing. Research methods were image composite and overlay objective analysis with ArcMap. Site selection for grouper aquaculture in Lampung province by KJA is located in waters near shore or land that is of 10.860,03 km² or 42.39% of the area being studied. ALOS image has detected KJA as spectral pure water which could not be used for floating net cages area mapping;The aims of the study are to select the site selection for grouper fish culture in floating net cage (KJA) and mapped it; It also to identify and mapping of existing floating net cages (KJA) aquaculture in Lampung Province using remote sensing. Research methods were image composite and overlay objective analysis

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