Pendekatan spasial untuk menentukan wilayah potensial keberadaan ikan pelagis besar di perairan banggai Provinsi Sulawesi Tengah = Spatial approach for determine of potential the big palagic fish in banggai island ocean center of Sulawesi Province / Hari Priyadi

Hari Priyadi, author

Abstrak

[ABSTRAK
Kabupaten Banggai memiliki potensi unggulan daerah dari sector maritime berupa perikanan tangkap, tetapi implementasi manajeman penangkapannya belum optimal. Ikan pelagis besar merupakan salah satu potensi unggulan di kabupaten ini. Tujuan dari penelitian ini adalah untuk mengetahui sebaran daerah potensial keberadaan ikan pelagis besar di perairan Kabuaten Banggai dengan menggabungkan teknologi knowledge base dan teknologi Geographic Information System (GIS). Penelitian ini dilakukan dengan mengidentifikasi klorofil-a dan suhu permukaan laut yang bersumber dari data citra aqua modis selama kurun waktu 7 (tujuh) tahun. Hasil dari penelitian ini adalah sebaran potensial ikan pelagis besar di perairan Kabupaten Banggai. Umumnya sebaran potensi ikan pelagis besar di perairan Kabupetan Banggai memiliki kelas kerapatan rendah, sedang, dan tinggi pada wilayah Kecamatan Boalemo dan Kecamatan Masama pada bulan Juli dan Agustus dengan wilayah cukup luas, dan wilayah dengan kelas kerapatan rendah, sedang dan tinggi yang selalu ada sepanjang tahun pada wilayah Kabupaten Morowali dan Kabupaten Banggai Kepulauan.
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ABSTRACT
Banggai district has excellent potential areas of fisheries maritime sectors, but the implementation is not yet optimal for fisheries management, the big pelagic fish are one of the excellent potential in this district (Banggai District). The purpose of this study was to determine the distribution of potential areas where the big pelagic fish in the ocean of the Banggai District by integrated technology knowledge base and Geographic Information System (GIS). The study was conducted by identifying chlorophyll-a and sea surface temperature derived from the fashionable aqua image data over a period of 7 (seven) years. Results from this study is the potential distribution of big pelagic fish in the ocean of the Banggai district. Generally the potential distribution of big pelagic fish in the ocean of the Banggai island have low, medium, and high density grade in the District of Boalemo and the District Masama in July and August with a fairly wide area, and areas with a low density grade, medium and high are always there along year in the area Morowali and Banggai Kepulauan, Banggai district has excellent potential areas of fisheries maritime sectors, but the

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