

ABSTRACT

THE DISTRIBUTIONS AND ECONOMIC VALUE OF MANGROVE IN PAGAR JAYA VILLAGE, PUNDUH PIDADA DISTRICT, PESAWARAN REGENCY, LAMPUNG PROVINCE

By

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Mangrove ecosystem is an important ecosystem in coastal and marine areas. Mangrove ecosystems had economic and ecological functions. This study aimed to map the distribution of mangrove ecosystems and their density levels and analyzed the economic value of mangrove ecosystems in Pagar Jaya Village, Punduh Pidada District, Pesawaran Regency, Province of Lampung. Observation of stand potential was carried out by field observation method by making a transect measuring 10 x 10 m². Observations on the community were carried out through interviews with 51 respondents, and mapping of the distribution and density of mangrove forests was also carried out. The results showed that the distribution of mangroves in Pagar Jaya Village was dominated by dense and medium mangroves. The total economic value in 2021 with a mangrove area of 30 hectares (ha) was Rp4.052.541.639,00/year. The total economic value of mangroves could be considered if there was a largescale conversion of mangrove land in the future.

Keywords: *Mangrove, economic value, ecosystem, mangrove's distribution*

ABSTRAK

DISTRIBUSI MANGROVE DAN NILAI EKONOMINYA DI DESA PAGAR JAYA, KECAMATAN PUNDUH PIDADA, KABUPATEN PESAWARAN, PROVINSI LAMPUNG

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Ekosistem mangrove merupakan ekosistem penting di wilayah pesisir dan lautan. Ekosistem mangrove memiliki fungsi ekonomi dan ekologis. Penelitian ini bertujuan memetakan sebaran ekosistem mangrove beserta tingkat kerapatannya dan menganalisis nilai ekonomi ekosistem mangrove di Desa Pagar Jaya, Kecamatan Punduh Pidada, Kabupaten Pesawaran, Provinsi Lampung. Pengamatan potensi tegakan dilakukan dengan menggunakan metode observasi lapangan melalui pembuatan transek berukuran 10 x 10 m². Pengamatan pada masyarakat dilakukan melalui wawancara terhadap 51 responden, juga dilakukan pemetaan terhadap sebaran dan kerapatan hutan mangrove. Hasil penelitian menunjukkan bahwa sebaran mangrove di Desa Pagar Jaya didominasi oleh mangrove lebat dan sedang. Nilai total ekonomi pada tahun 2021 dengan luas mangrove 30 hektar (ha) sebesar Rp4.052.541.639,00 per tahun. Nilai total ekonomi mangrove dapat menjadi pertimbangan bila ada pengalihfungsian lahan mangrove skala besar dikemudian hari.

Kata kunci: Mangrove, nilai ekonomi, ekosistem, distribusi mangrove