

## ABSTRAK

Abu Sofyan Albar. NPM 05181811056. Distribusi Mangrove Berdasarkan Variasi Substrat Di Kawasan Wisata Mangrove Guraping Kota Tidore Kepulauan. Dibimbing oleh Ikbal Marus S.P., M.Si dan Dr. Abdurrachman Baksir, S.Pi., M.Si.

---

Ekosistem Mangrove adalah ekosistem yang berada di daerah tepi pantai yang masih dipengaruhi oleh pasang surut air laut sehingga selalu tergenang air. Ekosistem mangrove berada di antara level pasang naik tertinggi sampai level di sekitar atau di atas permukaan laut rata-rata pada daerah pantai yang terlindungi. Penelitian ini bertujuan untuk menganalisis distribusi mangrove berdasarkan variasi substrat, identifikasi jenis mangrove, analisis karakteristik substrat, Kelurahan Guraping. Pengambilan data dengan menggunakan metode *line transect kuadran*, per zona, teknik pengambilan Untuk pengambilan Sampel substrat diambil 1 sampel pada masing-masing zona. Hasil penelitian menunjukkan bahwa Terdapat 8 jenis mangrove yang tersebar dengan karakteristik substat yang berbeda, pada stasiun I zona depan, Tengah, belakang memiliki substrat yang didominasi oleh kategori pasir sedang, stasiun II zona depan, Tengah, belakang dengan kategori substrat butiran (glanule) dan stasiun III zona depan, Tengah, dan belakang memiliki karakteristik yang sama yaitu, butiran (glanule) Kelurahan Guraping, Kota Tidore Kepulauan.

**Kata kunci:** penyebaran jenis mangrove, karakteristik substrat pada vegetasi mangrove, Kelurahan Guraping, Kota Tidore Kepulauan.

## **ABSTRACT**

Abu Sofyan Albar. NPM 05181811056. Distribution of Mangroves Based on Substrate Variations in the Guraping Mangrove Tourism Area, Tidore Islands City. Supervised by Ikbal Marus S.P., M.Si and Dr. Abdurrachman Baksir, S.Pi., M.Si.

---

The Mangrove Ecosystem is an ecosystem located in coastal areas which is still influenced by sea tides so that it is always flooded. The mangrove ecosystem is located between the highest sea level and sea level around or above average in protected coastal areas. This research aims to analyze the distribution of mangroves based on substrate variations, identify mangrove types, analyze substrate characteristics, Guraping Village. Data collection used the quadrant line transect method, a collection technique per zone. For substrate sampling, 1 sample was taken in each zone. The results of the research show that there are 8 types of mangroves distributed based on their substrate characteristics, at station I the front, middle and back zones have a substrate dominated by the medium sand category, at station II the front, middle and back zones have a substrate dominated by the medium sand category, at station II the front zone , middle and back have a substrate dominated by the medium sand category, station II front, middle and back zones have a granular substrate category (granule) and station III front, middle and back zones have the same characteristics, namely granules (granule) Guraping Village, Tidore Islands City .

**Key words:** distribution of mangrove types, characteristics of mangrove vegetation substrate, Guraping Village, Tidore Islands City.