

**Assessment of Mangrove Species in Lapus-Lapus Integrated Marine Protected
Area in Dumangas, Iloilo**

A Special Paper

Presented to

The Faculty of the College of Agriculture, Resources and Environmental Sciences

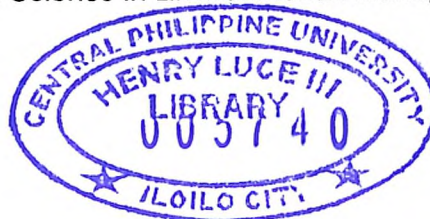
Central Philippine University

Jaro, Iloilo City

In Partial Fulfillment of the

Requirements for the Degree

Bachelor of Science in Environmental Management



by

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May 2024

**Assessment of Mangroves Species in Lapus-Lapus Integrated Marine Protected
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Abstract

Mangroves are one of the most important natural resources in the Philippines. Mangrove forests have been recognized as a source of natural resources for thousands of years. This study aimed to evaluate the mangrove tree species in Lapus-Lapus Integrated Marine Protected Area of Dumangas, Iloilo. This field study was conducted using a descriptive ocular survey method and a geographical information system to map the Mangrove Trees in the area. It was found out that there are four mangrove species in the area. This include *Rhizophoraceae* species, *Avicenniaceae* specie, and *Sonneratiaceae*. A total of 3,135 mangrove trees were identified in Lapus-Lapus Integrated Marine Protected Area in Dumangas, Iloilo. The dominant species includes *Rhizophora mucronata* (41.02%), followed by *Avicennia marina* (22.17%), *Rhizophora apiculata* (20.19%), and *Sonneratia alba* (16.62%). The *Rhizophora* family are the most dominant mangrove species thriving in Lapus-Lapus Integrated Marine Protected Area in Dumangas, Iloilo.

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