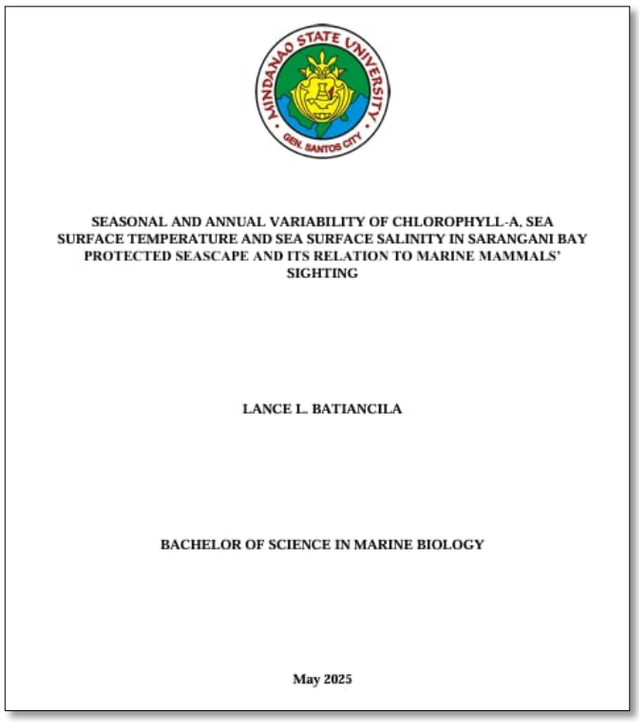
Cooperation on Water Security



SEASONAL AND ANNUAL VARIABILITY OF CHLOROPHYLL-A, SEA SURFACE TEMPERATURE AND SEA SURFACE SALINITY IN SARANGANI BAY PROTECTED SEASCAPE AND ITS RELATION TO MARINE MAMMALS' SIGHTING

LANCE L. BATIANCILA

BACHELOR OF SCIENCE IN MARINE BIOLOGY

May 2025

Yes. Holy Child Central Colleges, Inc. (HCCCI) supports a marine biology study by one of its employees. The May 2025 study at Mindanao State University–General Santos examines coastal water conditions in the Sarangani Bay Protected Seascape.

The study used Copernicus marine data to examine seasonal and annual variation in chlorophyll-a, sea surface temperature, and sea surface salinity in relation to marine mammal sightings from 2021 to 2023. Its findings can inform monitoring and conservation of Sarangani Bay's coastal waters.