



ACTIVITY REPORT ON THE MAINTENANCE OF BUILDING AND OTHER FACILITIES OF SNAKE ISLAND – NCMCR FOR CY 2023

As part of the commitment to ensuring the effective management of Snake Island National Coastal and Marine Center for Research, major repair and maintenance of facilities and machineries on the Island such as Snake Island Administrative building, speed boat, Helipad, Mangrove boardwalk, and other structures and machineries is one of the primary concerns for CY 2023.

For the Snake Island Administrative building, the team was occupied with regular maintenance and general cleaning activities in the main admin building and kitchen area. Reconstruction of the breakwater damaged by the strong tidal flow was also conducted. In the month of September, the team was able to rebuild and renovate the riprap and foundational support of the Snake Island Administrative Building that was damaged by Typhoon Odette in 2021, also, all debris of the broken riprap was removed and disposed of properly.

On the other hand, the team conducted regular maintenance on the speedboat including engine checks, change oil, hull inspections, and propeller cleaning to ensure optimal performance and longevity of the speedboat. On the month of November, a new 50-horsepower diesel engine for the speedboat was purchased and installed to enhance reliability, efficiency, and safe and trouble-free seafaring activities.

Furthermore, repainting of the Mangrove boardwalk and helipad was done in the 1st quarter of 2023 followed by rewiring and replacement of new light bulbs in the mangrove boardwalk from main building going to the helipad, also, regular cleaning in the mangrove boardwalk and the helipad was conducted.

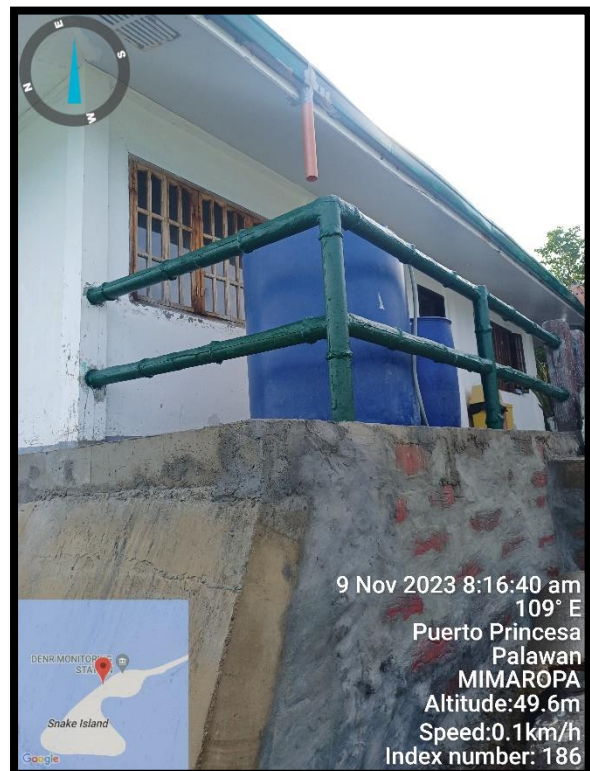
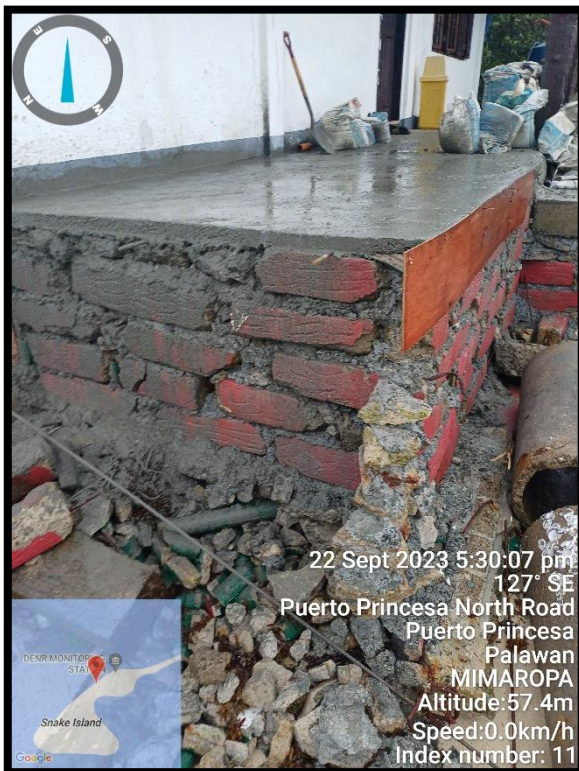
In addition, installing and re-wiring the solar charger controller and electrical system for a more environmentally friendly energy source on the island was conducted. Also, a new generator set was purchased and installed as an alternative power source in cases of emergency. Regular maintenance, checking and necessary repairs of power source such as solar and generator was done ensuring a reliable and uninterrupted flow of energy to support various activities on the island.

The maintenance initiatives conducted in Snake Island NCMCR have significantly contributed to the overall effective administration of the Island and the safety, efficiency, and durability of the facilities therein. By addressing identified issues promptly and implementing proactive measures, the facilities on the island are better prepared for any research activities, educational visits, collaborative works, and operational challenges and ensure a safe and conducive working environment for the Snake Island NCMCR Staff, DENR personnel, and other partner agencies.



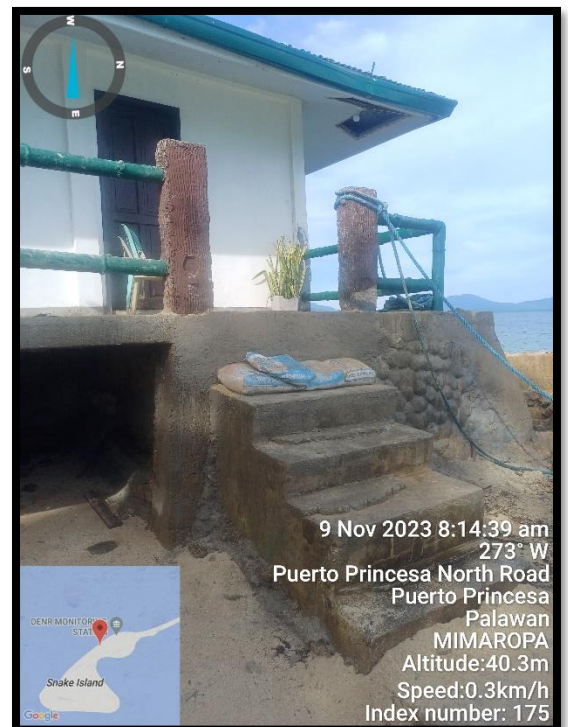
Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
Provincial Environment and Natural Resources Office
Bgy. Sta. Monica, Puerto Princesa City, Palawan
E-mail: penropalawan@denr.gov.ph
Telfax No. (048) 433-5638

REINFORCEMENT/ REPAIR OF SNAKE ISLAND ADMINISTRATIVE BUILDING





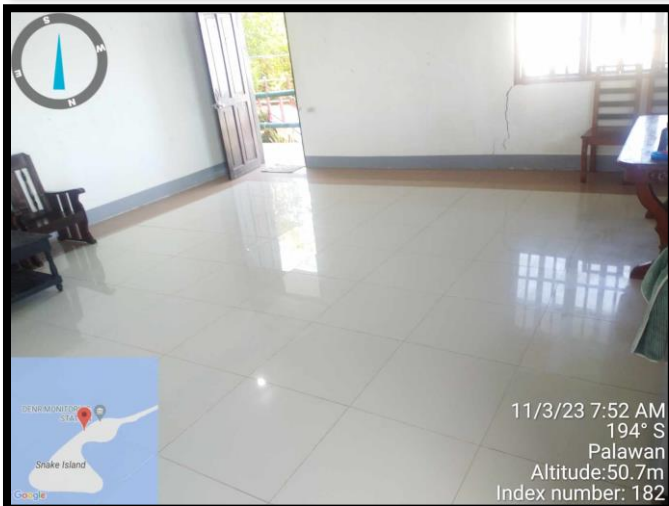
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MAINTENANCE AND REPAINTING OF KITCHEN AREA AND
ADMINISTRATIVE BUILDING





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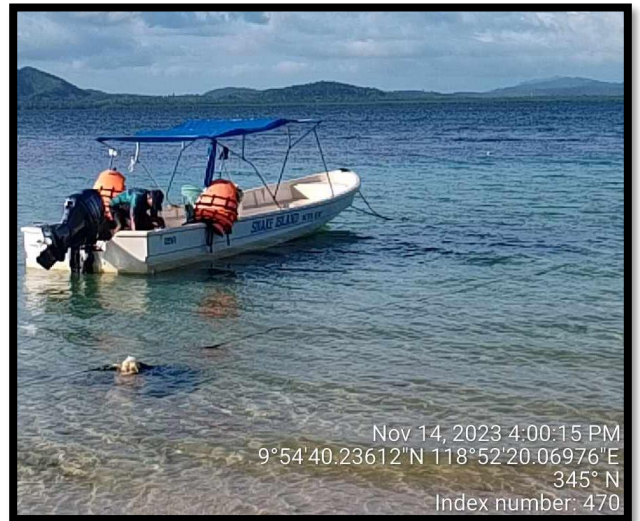
SPEED BOAT MAINTENANCE





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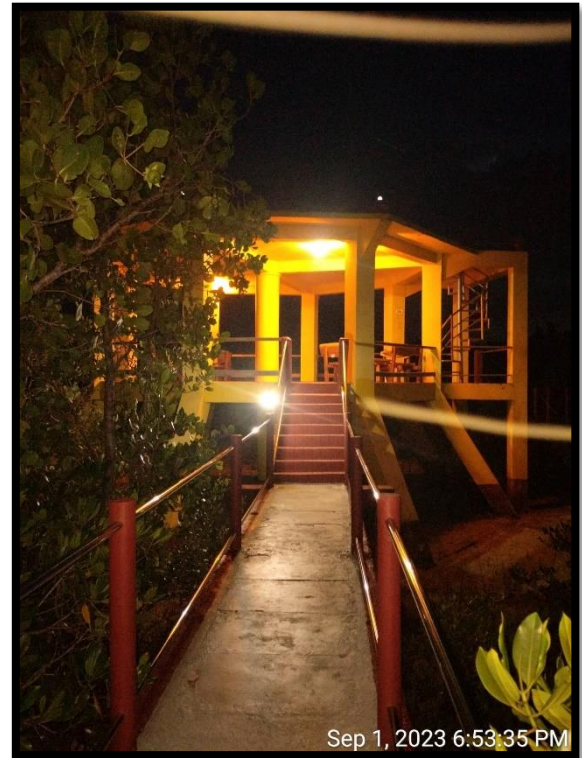
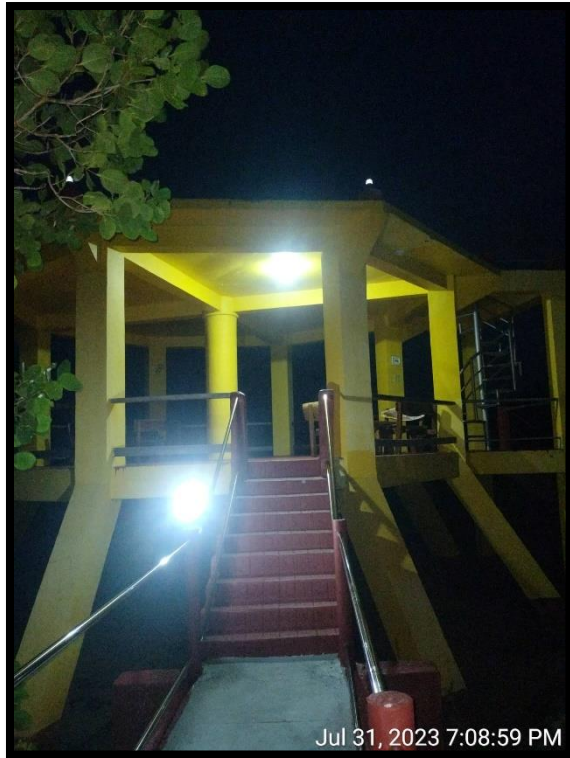
NEWLY PURCHASED SPEEDBOAT 50HP YAMAHA ENGINE



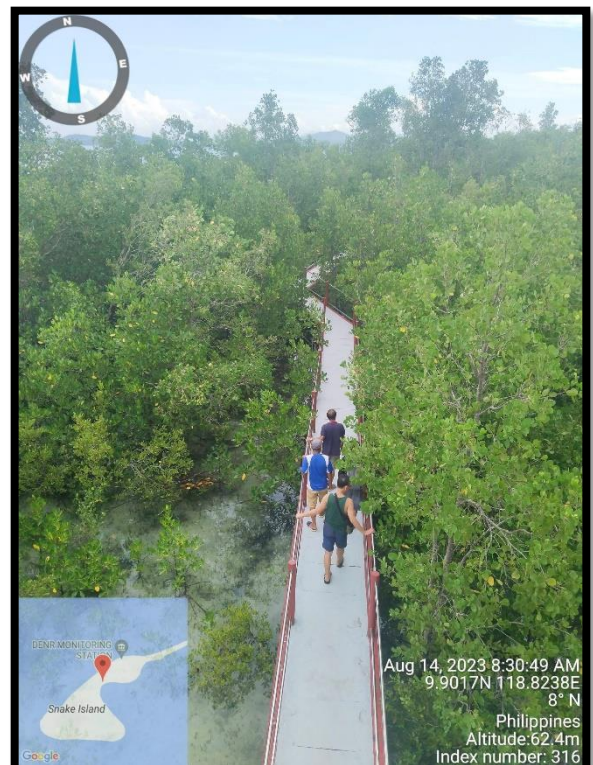
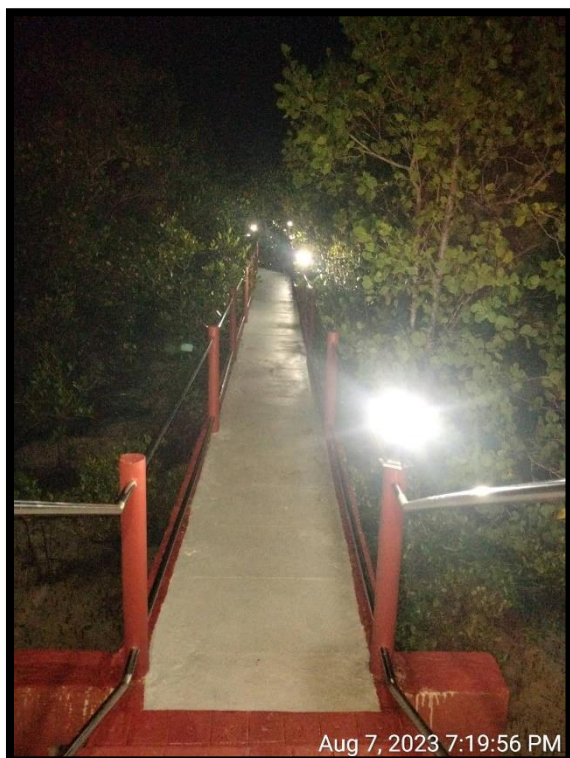


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REPAINTING AND REWIRING OF HELIPAD

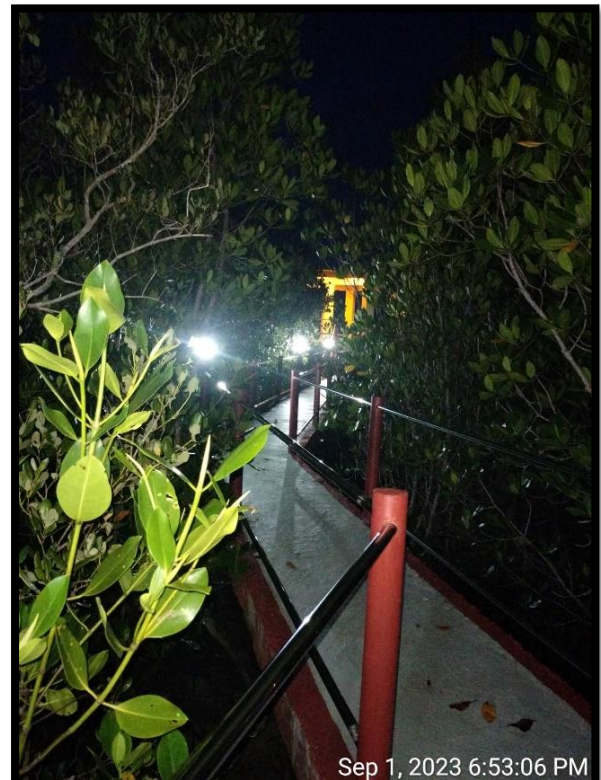
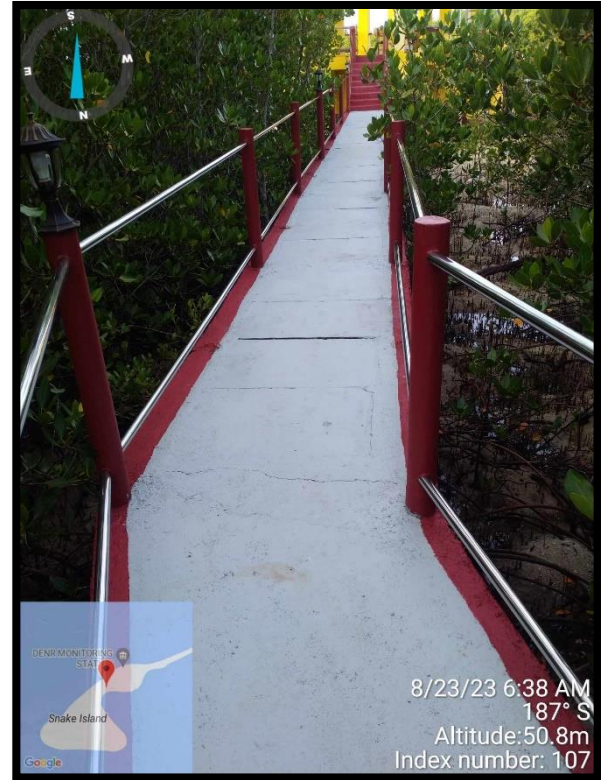
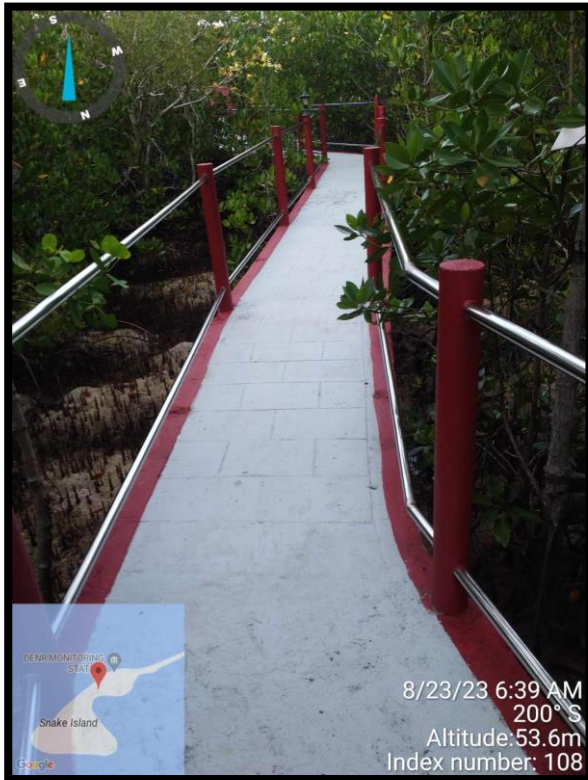


REPAIR AND REPAINTING OF MANGROVE BOARDWALK AND ELECTRIC WIRINGS





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OTHER MACHINERIES/ FACILITIES





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MAINTENANCE OF SOLAR POWER/ MACHINERIES

