

**23<sup>RD</sup> INAP CONFERENCE**

OCTOBER 16-17, 2024

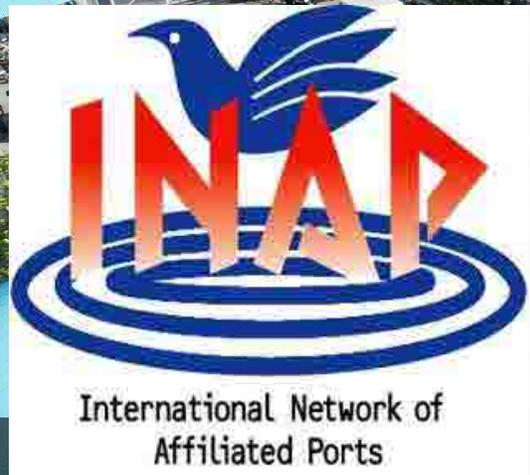
RESILIENT PORTS:  
INNOVATING BEST PRACTICES FOR ENVIRONMENTAL  
PROTECTION AND DISASTER MANAGEMENT

# Port of Cebu

## MR. GLENN S. SARADOR

DEPARTMENT MANAGER, PORT SECURITY,  
SAFETY & ENVIRONMENT MANAGEMENT DEPARTMENT





***“Resilient Ports: Innovating Best Practices for Environmental Protection and Disaster Management”***



# History and Overview



**TRADING HUB**



### Current Ports of Linkage

With port linkages to Taiwan, Hong Kong, Vietnam, Malaysia, Singapore and Indonesia.



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## Legal Authority

The Cebu Port Authority (CPA) was created through the enactment of Republic Act No. 7621 signed on June 26, 1992 to specifically administer all ports located in Cebu Province, thus, effectively separating these ports from the Philippine Ports Authority (PPA) system. CPA began operations and officially took over all Cebu ports on January 1, 1996.

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## Mandate of CPA Section 2 of Republic Act 7621

To produce an efficient, safe, economical and coordinated system of movement of goods and persons through the port, consistent with the constitutional mandate of the State to give all regions of the country optimum opportunity to develop.



## VISION

By 2030, to become a world-class port that is financially sound, economically profitable, and self-sustaining with a passion to deliver safe, efficient and effective port services, responsible environmental stewardship, exemplary public service, and promoting regional commerce through the port.



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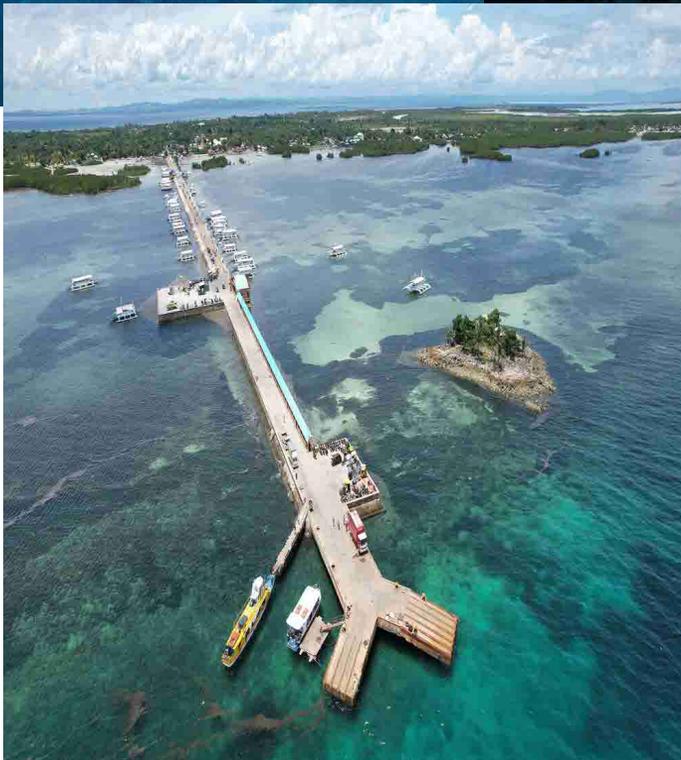
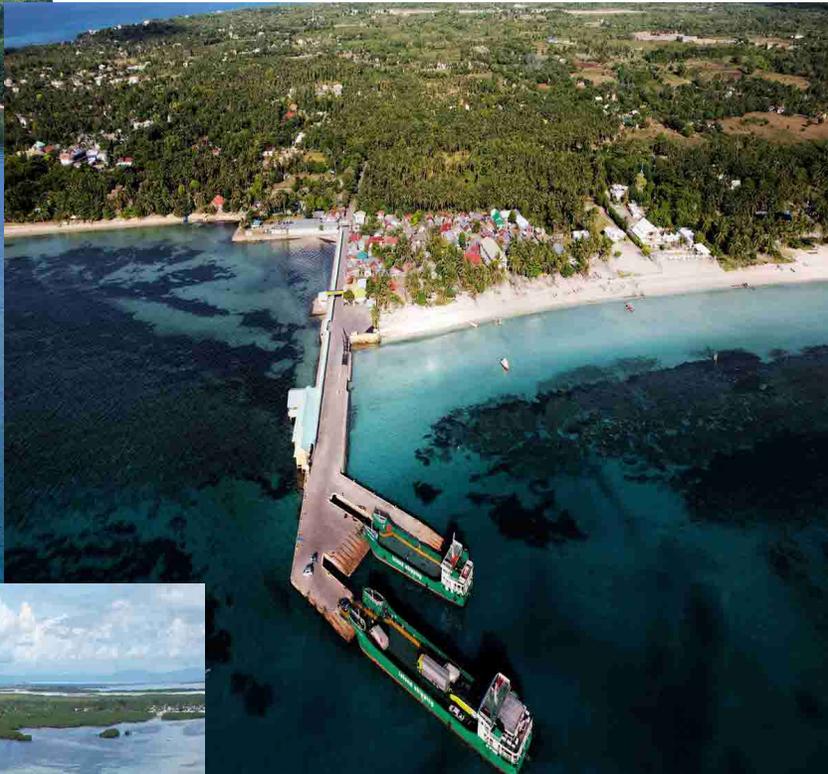


# **BEST PRACTICES ON ENVIROMENTAL PROTECTION**





Designation of a Pollution Control Officers (PCOs) to monitor compliance with regulations, monitoring pollution levels, and promoting effective pollution control practices.



## Environmental Compliance Certificate

Compliance with environmental regulations by securing an Environmental Compliance Certificate (ECC) from the Department of Environment and Natural Resources (DENR), as mandated by the 1987 Constitution.



# National Greening Program



# Port Greening Initiatives





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## Solid Waste Management

The CPA has engaged a Solid Waste Services Provider and entered into a contract through Public Bidding for daily collection, transportation, segregation and disposal of residual waste to permitted sanitary landfill.

Further, the Authority has implemented a waste reduction program.



# Daily Ports Clean-up

# Hazardous Waste Management





Accreditation of Waste Services Providers for Ships Generated Wastes in compliance with the International Convention for the Prevention of Pollution from Ships (MARPOL 73/78)



# Wastewater Management



# Rainwater Harvesting



# Solar Powered Navigational Buoys





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# **BEST PRACTICES ON DISASTER** **MANAGEMENT**



## BACKGROUND

Cebu, an island province in the Philippines, is situated in a region highly vulnerable to natural disasters, making it one of the most at-risk areas in the country. The province is frequently exposed to the impact of super typhoons, which can bring severe weather conditions and significant damage.

Additionally, Cebu City, the metropolitan hub of the province, is located near three major fault lines, heightening its susceptibility to seismic activity. The region is also in proximity to several active volcanoes, including Mount Kanlaon in the neighboring province of Negros Oriental, as well as other volcanoes such as Biliran and Cabali-an.

This combination of factors underscores the critical need for robust disaster preparedness and resilience strategies to protect the communities and infrastructure of Cebu.





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## Formulation of Emergency, Crisis and Disaster Guidelines and Contingency Plans

- CPA Memorandum Circular No. 05 Series of 2022 with Subject: Enhanced Port Protocol During Tropical Cyclones
- CPA Memorandum Circular No. 07 Series of 2020 with Subject: Guidelines on Explosive Cargoes at Port



# Incident, Crisis and Disaster Management Group

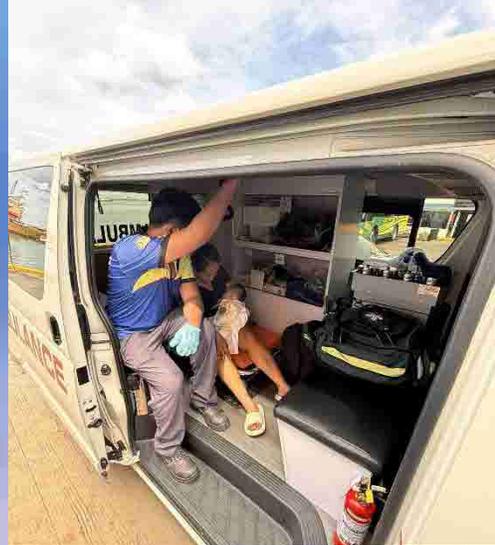


# Fire Safety Awareness Seminar and Fire Drill





# CPA Quick Response Team



# Generator Sets

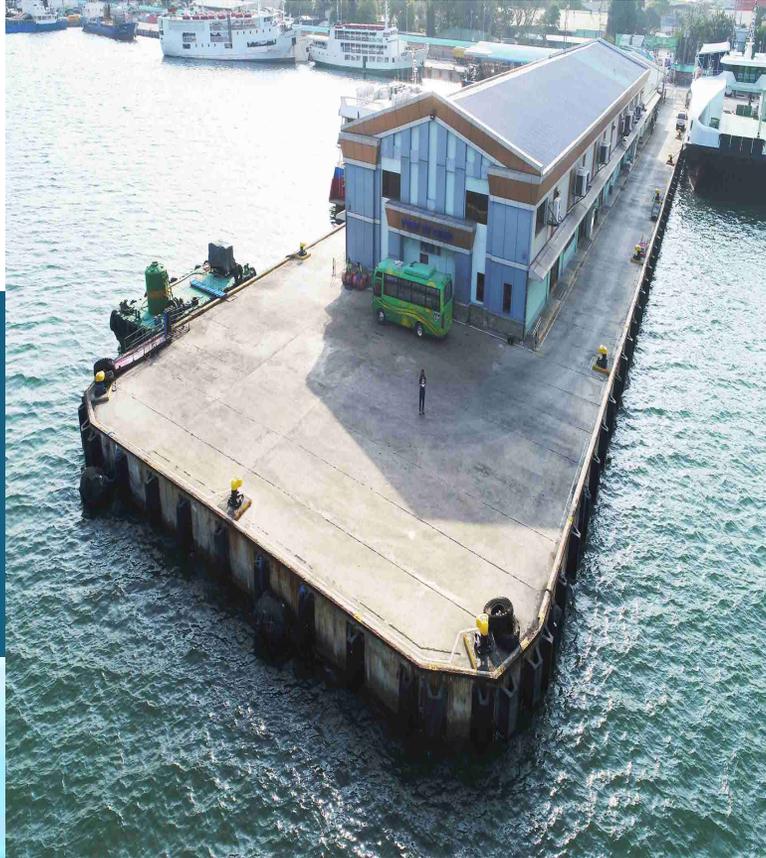


For port service efficiency, CPA also procured brand-new generator sets amounting to PhP64.3 million to ensure uninterrupted power supply and immediate restoration of port services in case of power outage.

# Increased port elevation

Climate Change Adaptation Measures

- Protection Against Flooding
- Enhanced Resilience
- Reduced Coastal Erosion
- Infrastructure Longevity





# Water Search and Rescue (WASAR) Training



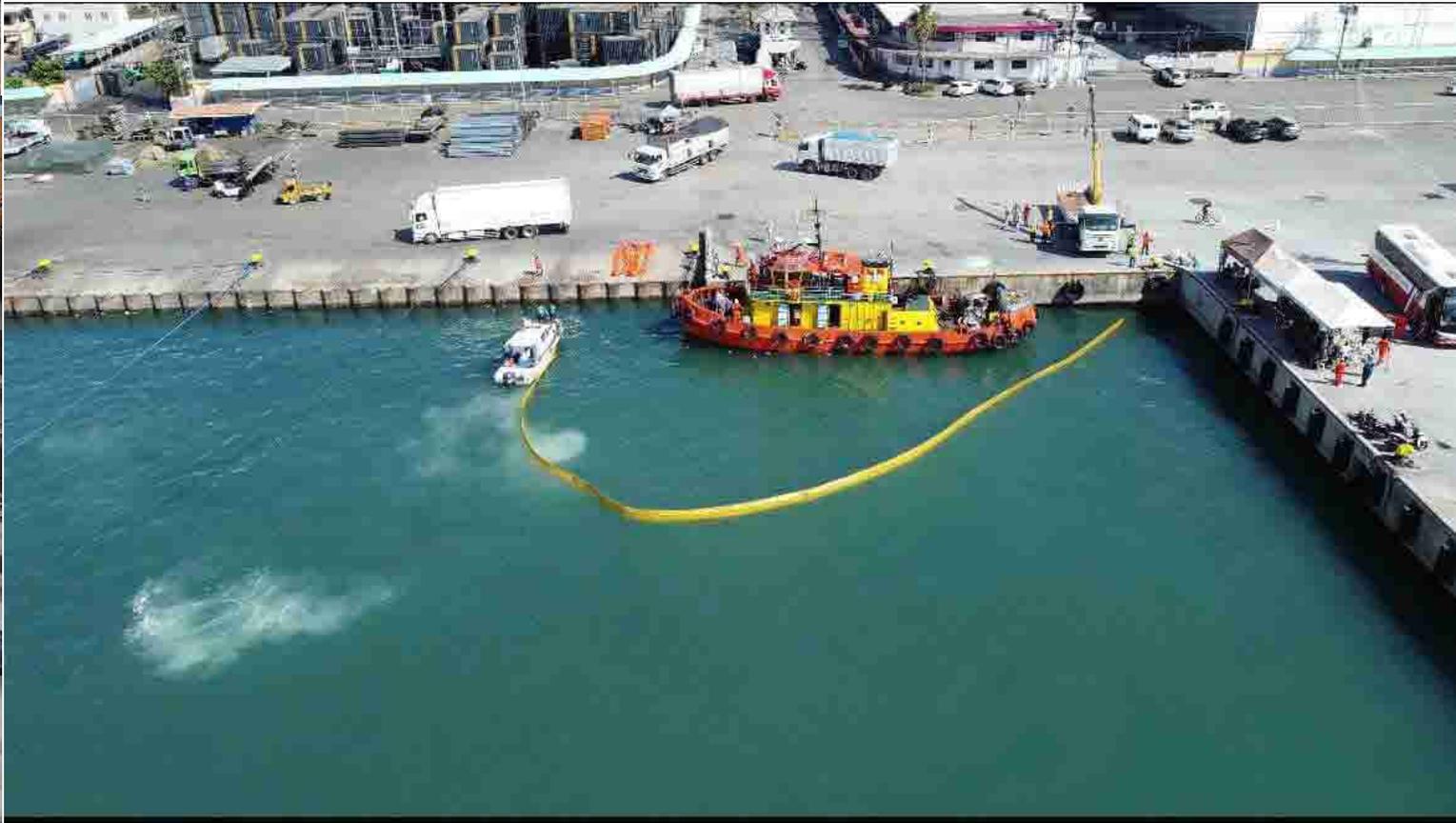
Conduct of coordinated table-top exercises and periodic drills for familiarization during times of emergency, crisis and disaster.

Conduct table-top exercise and drill evaluation to assess the effectiveness and for enhancement of the plan.





# Oil Spill Response Exercise





***The Port of Cebu is one with INAP in developing and maintaining resilient ports for a stronger Network...***



*Thank you!*