

# Artificial Coastal Protection

Aminiya School

“ Artificial coastal protection can be simply defined as any man-made or human-manipulated method of preventing harm to the coastal communities. While it is true that global warming and sea level rise contribute to erosion, it accounts to only a small percentage.

The major causes of erosion are coastal modifications such as land reclamation, deepening lagoons and construction of harbors strike done without proper consideration to the geomorphology of the island and its lagoon. Therefore, proper coastal protection is called for to prevent the erosion of islands and thus the inhabitable area in an island.

This project aims to raise awareness among the public on the importance of coastal protection and to implement innovative solutions for the problems faced. Through research, we have mainly obtained information on the various methods of artificial coastal protection, and the impacts each individual element has.

In conclusion, we recommend the use of methods which are most feasible, and those which are also socioeconomically calculable and environmentally least impactful to the country.

## **Aim:**

To enlighten the public on ways to protect their coast and homes.

## **Objectives:**

- Conduct research on coastal protection methods, as well as their feasibility
- Obtaining public and professional view

## **Importance of the coast:**

- Supports industries such as fisheries and tourism
- Supports a large amount of endangered and migratory life

## **Recommendations:**

- Focus on maintaining the existing artificial protection methods
- Give proper consideration to environmental factors such as climate change, erosion, longshore drifts and their implications before executing new protective measures as well as other developmental projects.

”