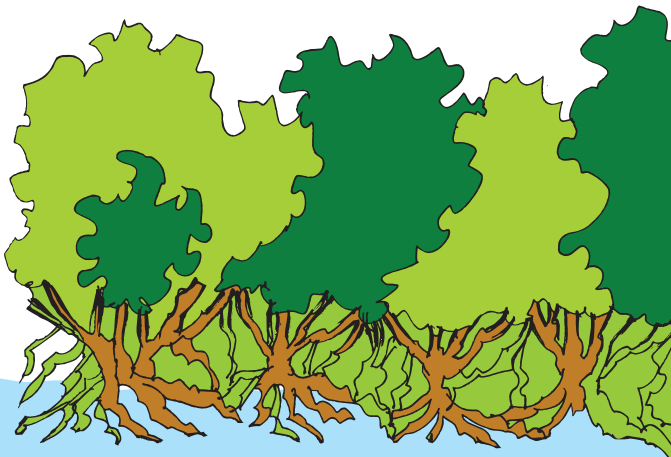


How to protect mangrove environment?

It is essential to conserve the mangrove ecosystem and manage them for the use of human beings in future. The management issues are categorized into two categories

a) Conservation of the Mangrove ecosystem

- Grow mangrove plants along the coastline to increase the nursery grounds for the marine organisms which comes for feeding and breeding.
- Help in formulating Government regulation for the protection of mangrove area. Mobilise community opinion on same platform for the management of mangroves.
- Help the conservation agencies involved in mangrove protection to continuously assess the area of mangrove to check the destruction.
- Mobilise your communities on the need to develop parks and reserve areas to protect Mangrove vegetation.



b) Sustainable use of Mangrove wealth

- Agriculture, Aquaculture, Capture Fisheries, Culture fisheries activities should be conducted without destroying the mangrove environment. For example wild collection of juveniles of prawns is practiced in some parts of the country in mangrove area serious deplete the prawn fishery.
- Mangrove plants should be used to obtain natural medicinal products by making sure that they will be available for future use also.
- Use of mangrove for timber, honey collection should be done at a level to get the same resources time after time.
- Traditional communities living around mangrove forest should take part in the activities like mangrove plantation, awareness campaign, and maintenance of mangrove canal to jointly manage the resources along with the government agency.
- Eco-Tourism in mangrove area should be popularised.



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MANGROVES

*Manage Mangroves,
to manage your fisheries*



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MPEDA

What are Mangroves?

Mangroves are trees and shrubs grow in salt water environment found mainly in hot climatic regions. In India Mangrove covers an area of 3566 km², found along the East and west coast. The largest mangrove cover is Sunderban in West Bengal, which hosts a variety of living organisms from tiger to turtle.

What are the importances of mangrove?

- Mangrove plants protect shore from wave action and erosion during rough seasons.
- Mangrove plants provide more nutrients to the adjoining coastal waters so that they serve as a breeding and feeding ground for a variety of marine organisms including fishes.
- Timber is obtained from mangrove trees and is used in furniture and handicrafts.
- Mangrove area serves as an important fishing ground for the traditional fishermen who live side by side with mangrove environment.
- Mangrove plants serve as a source for new medicine development and formulation.
- Act as the nursery grounds for fish and other organisms.

What are the threats to Mangroves ?

There are two kinds of threats

1. Natural
2. Man-made

The natural threats include Climatic changes and Cyclones. Pollution, cattle grazing, agriculture, aquaculture and human encroachment (including reclamation), etc., are considered to be the manmade threats to the ecosystem.

