







Mangroves are **coastal tropical forests** that grow in calm waters along the coastlines. They are composed of trees perfectly adapted to this **salty** and **oxygen-poor environment**. In the **Caribbean**, mangroves cover about 22,000 km², making up 15% of the world's mangrove surface.

Between land and sea, mangroves shelter a **high diversity of species**: fish, mollusks, sponges, insects, gastropods, crabs, birds, bats...





Coastal protection

- Their dense network of roots and branches forms **physical barriers** which reduces the **energy of the waves**;
- During floodings, they act like sponges by capturing large volumes of water;
- The dense canopy of branches and leaves act as a windbreak.



Mitigation of erosion

80% of the sediments coming from the coast are captured by the mangrove. This natural filter ensures the healthy development of seagrass beds and corals nearby.



Climate regulation

Mangroves are important carbon sinks: one hectare can store nearly 4000 tons of carbon... the annual emissions of 2600 cars! They help mitigate climate change.

