

Guess!!!!!!

What are we going to talk?



**Oceanology**, also known as **oceanography**, is the study of the **ocean**. It involves **exploring** and understanding everything about the ocean, including its physical **properties** like waves and currents as well as the creatures and ecosystems that live within it. Oceanographers also **investigate** human **interactions** with the ocean, such as pollution and its **impact** on **marine** life. In simple terms, oceanology is all about learning about the big blue sea and everything in it.



Explore = search

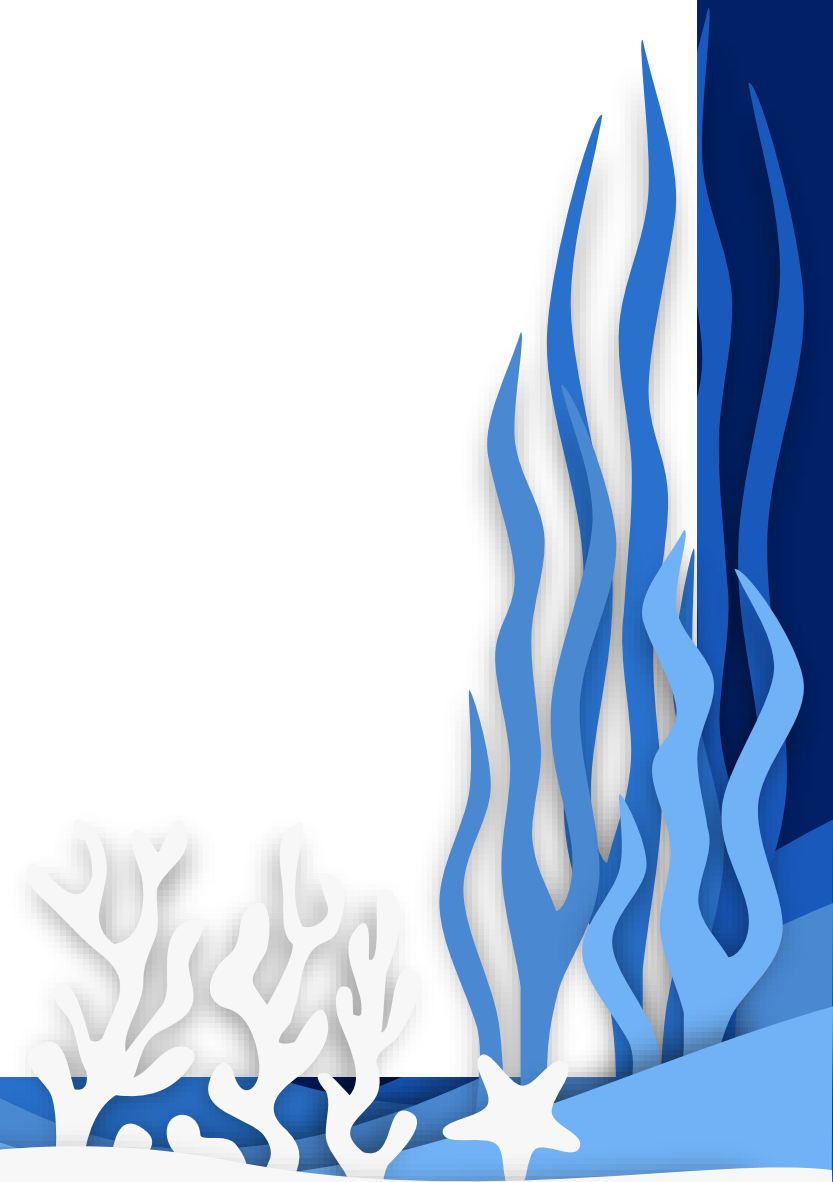
Property = characteristic

Investigate = examine the facts

Interaction = action and reaction

Impact = effect

Marine = of the ocean



**Arctic ocean**

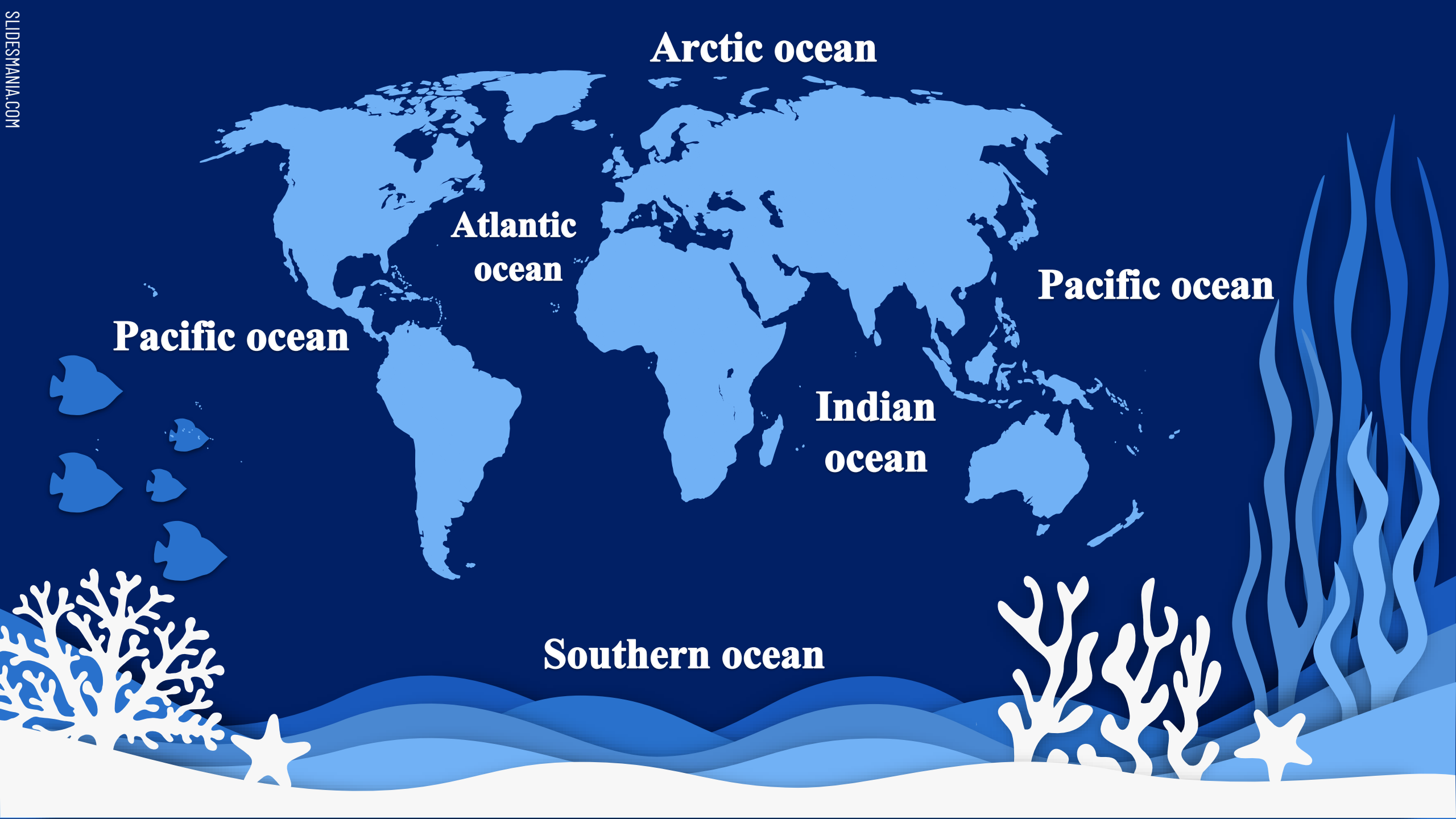
**Atlantic ocean**

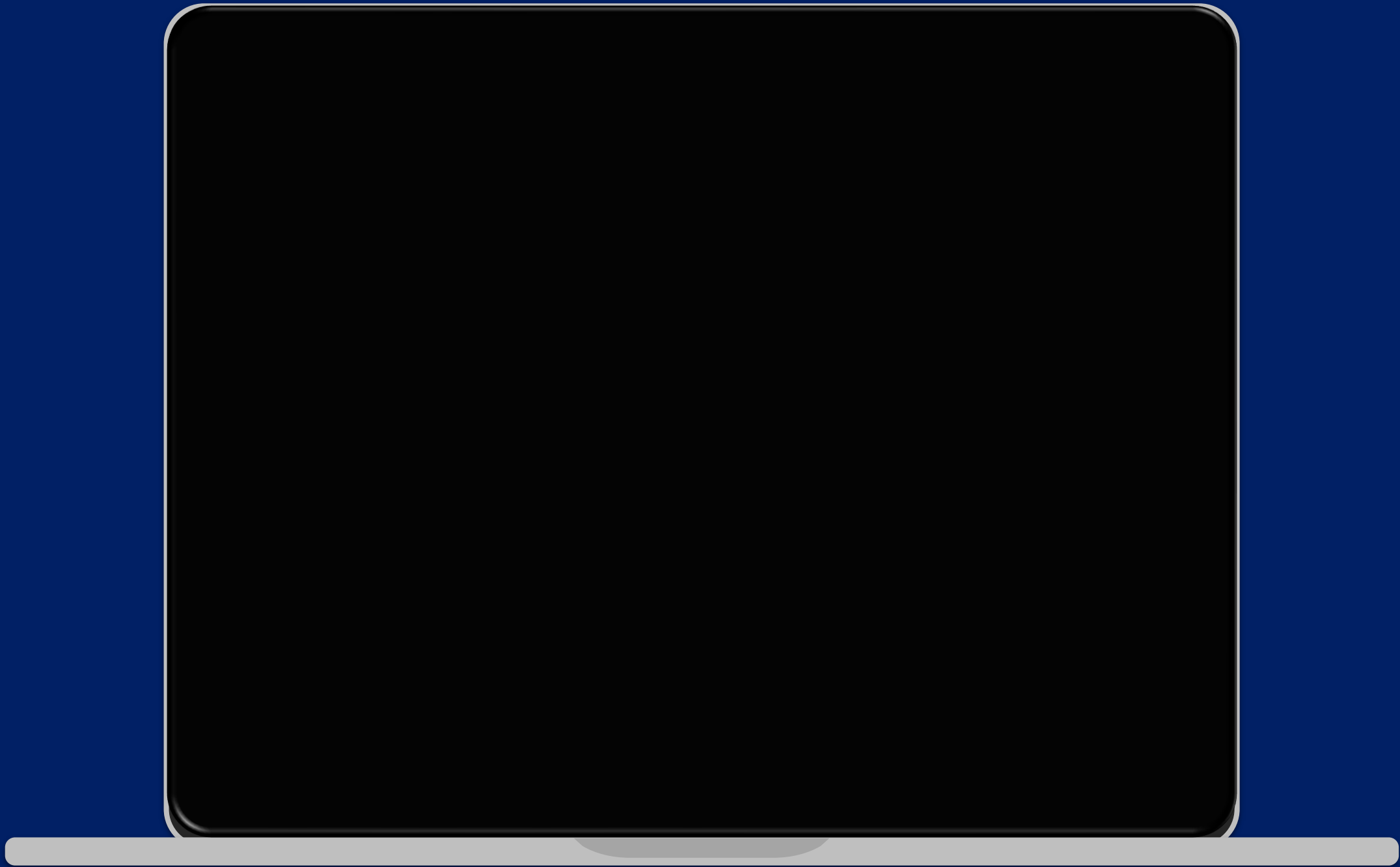
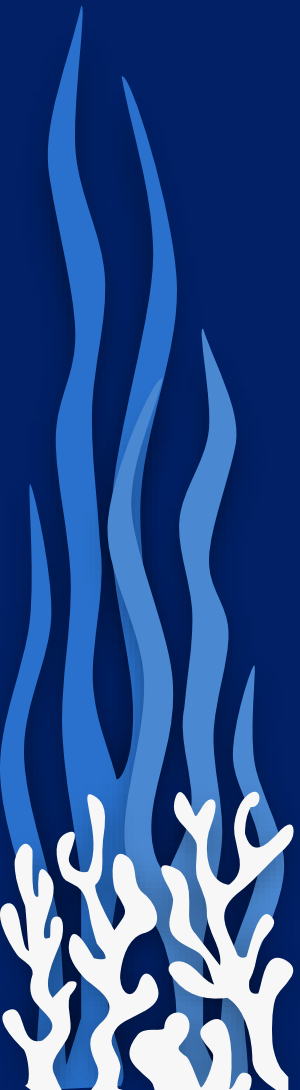
**Pacific ocean**

**Pacific ocean**

**Indian ocean**

**Southern ocean**







The Pacific Ocean is the largest ocean and is located between the continents of Asia and Australia to the west, and the Americas to the east.



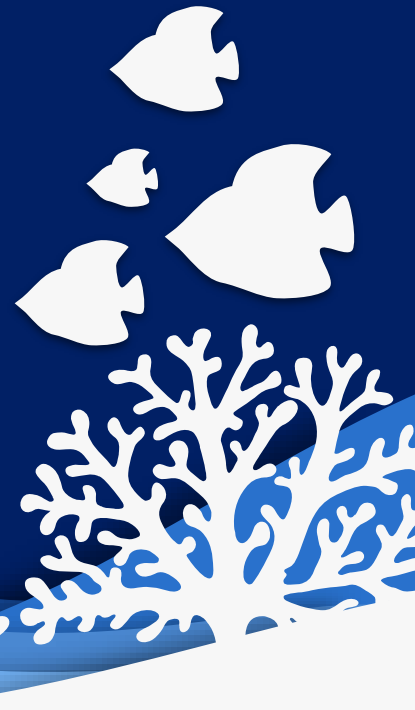
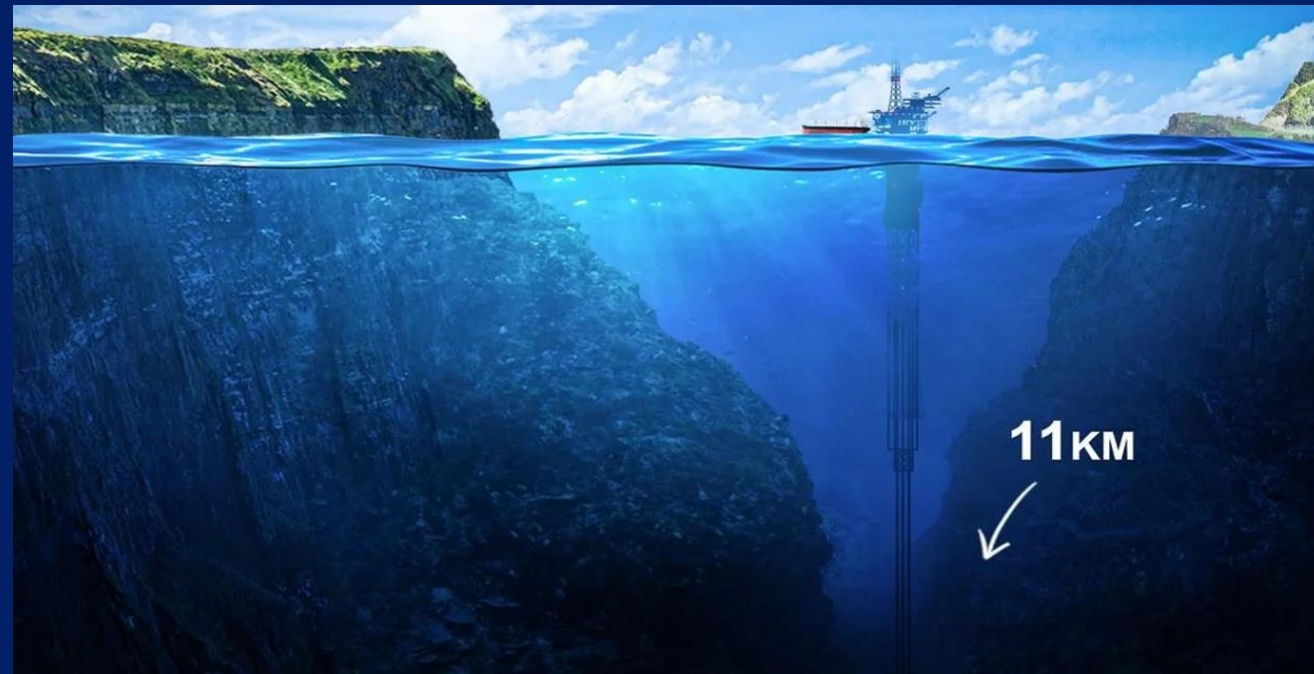


It's known for its **vast** size and depth, covering about one third of the Earth's surface.

Vast = wide



**The deepest part of the world's ocean is called The Mariana Trench which is located in the western Pacific Ocean. It is approximately 11 kilometers (7 miles) deep and is a quite mysterious place.**





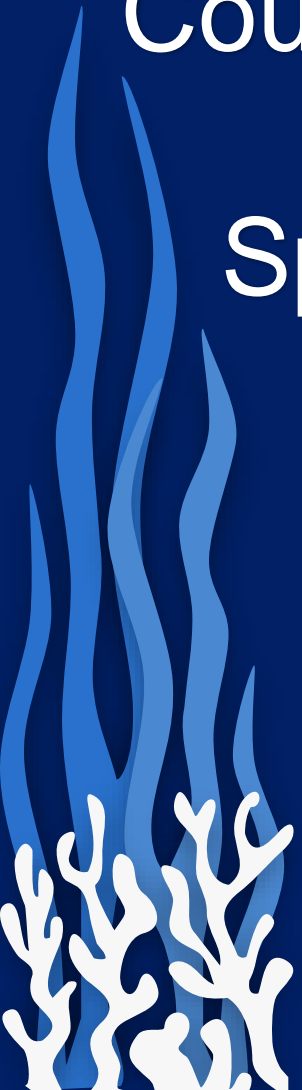
The Pacific Ocean is home to a **wide variety** of marine life, including whales, dolphins, sharks, sea turtles, and **countless species** of fish.



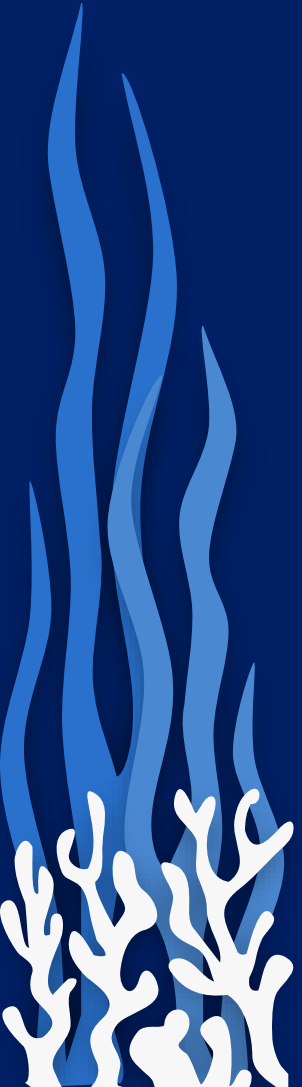
Wide variety = big different

Countless = numerous

Species = type , kind



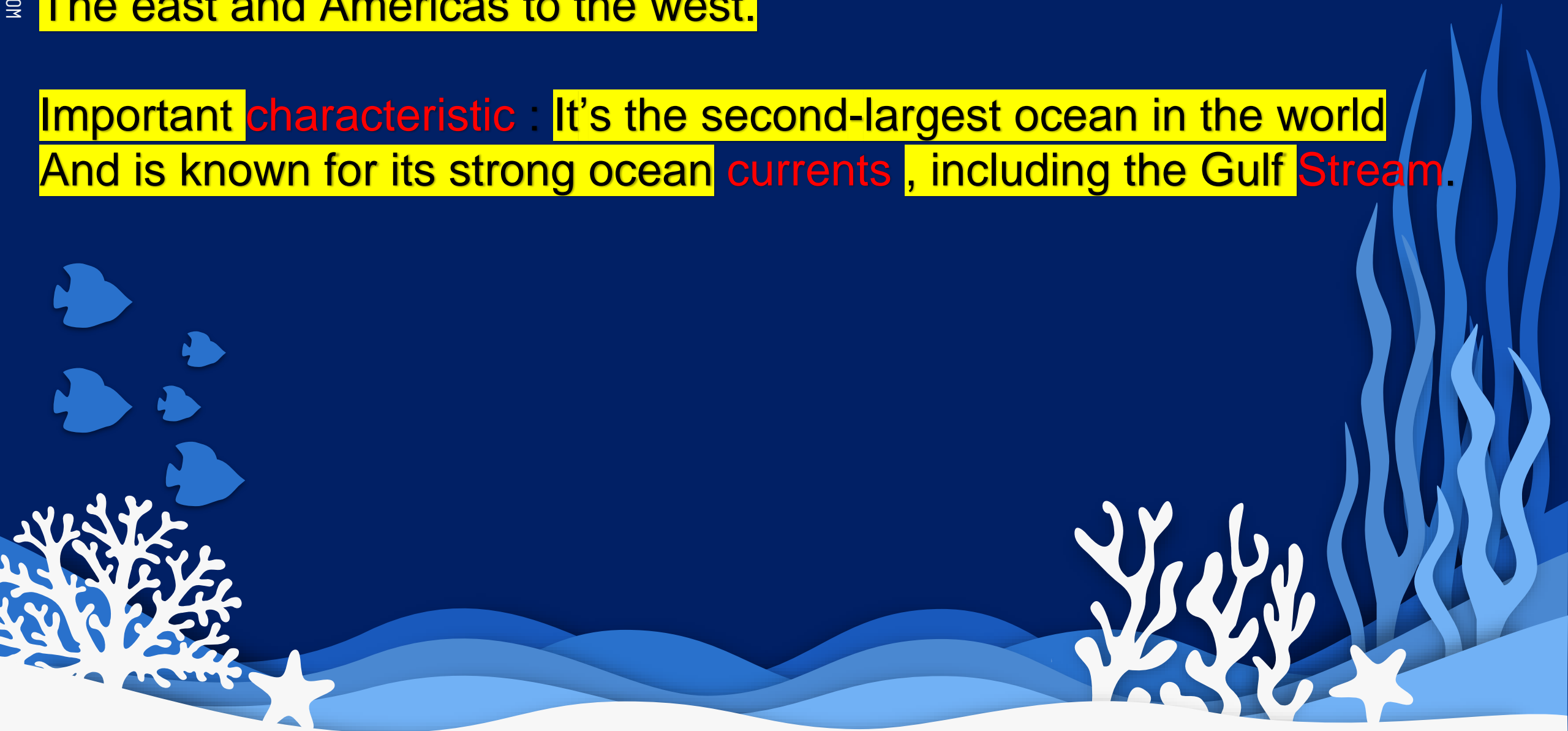
# Part 2



5 abc  
WCVB  
#Chronicle5

Atlantic ocean is situated between the continents of Europe and Africa to the east and Americas to the west.

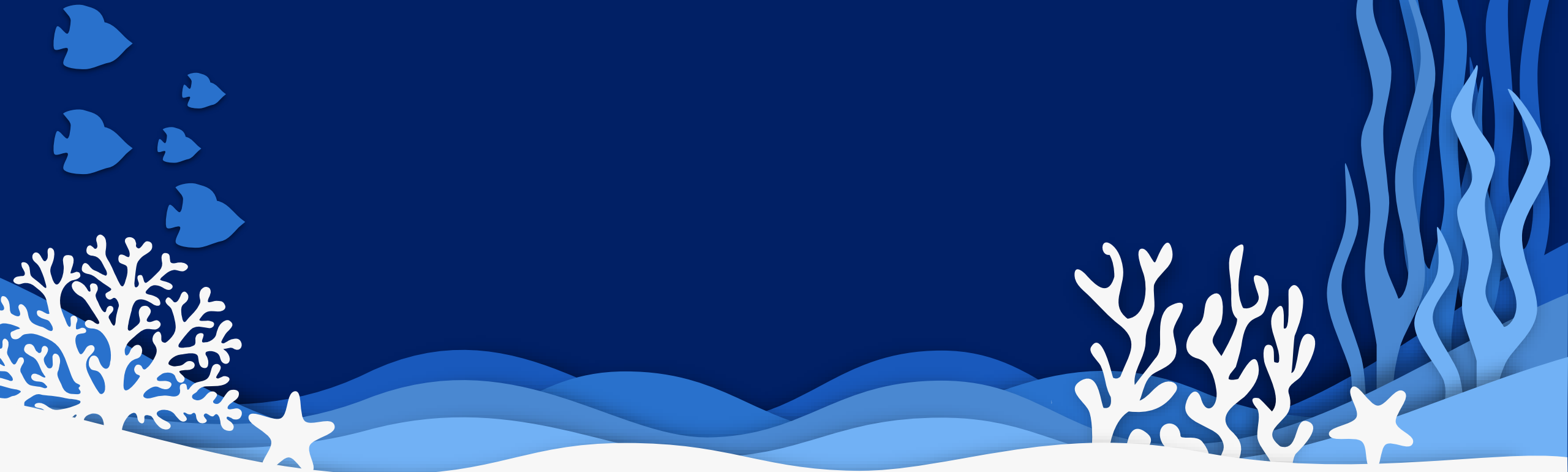
Important **characteristic** : It's the second-largest ocean in the world And is known for its strong ocean **currents** , including the Gulf **Stream**.



**Characteristics=feature**

**Currents=stream**

**Stream=flow**



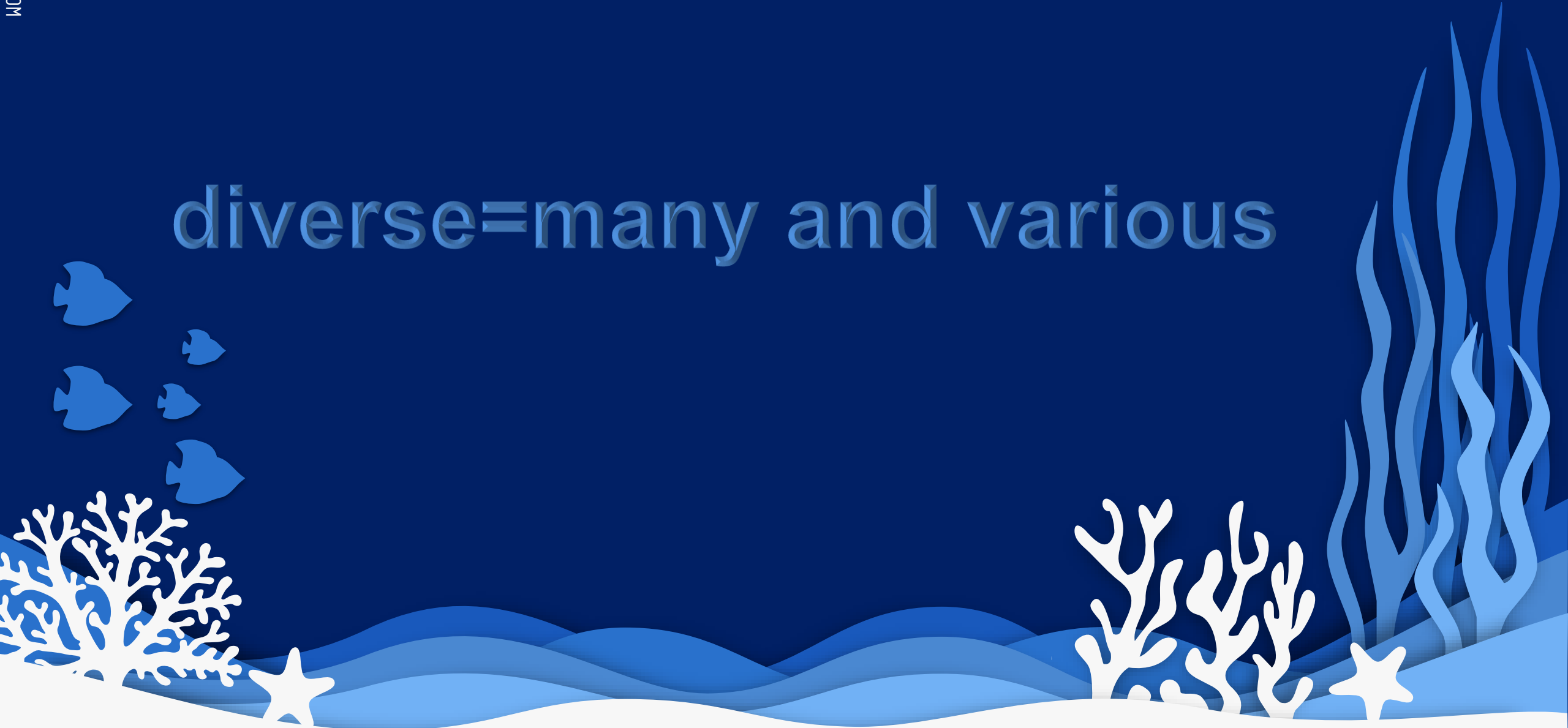


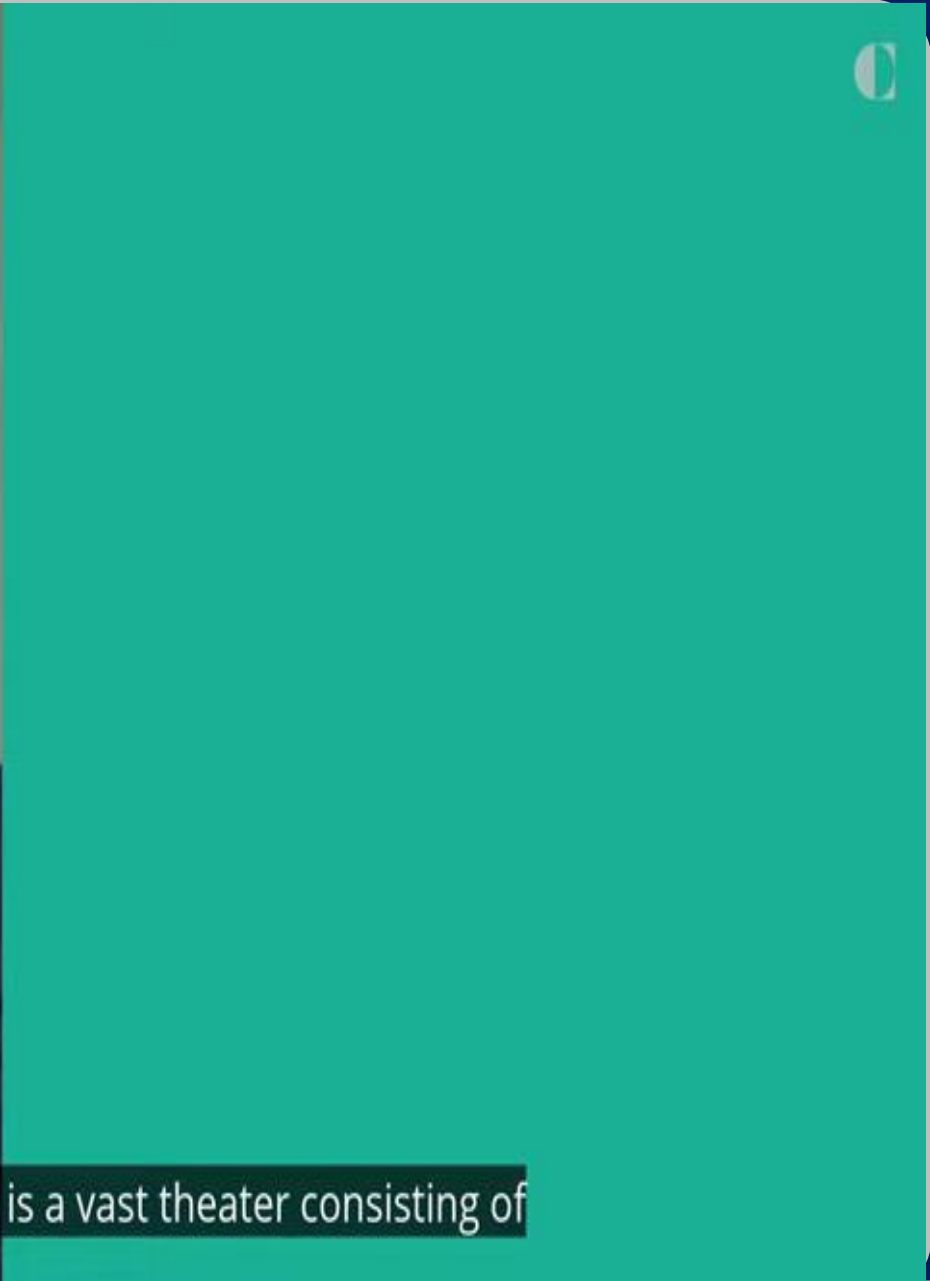
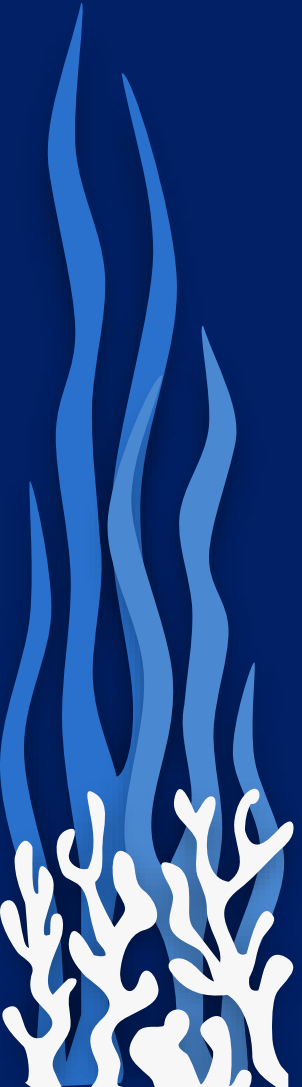
# Important animals:

The Atlantic ocean supports **diverse** marine life , including various species of fish like **cod** , **tuna**, and **herring** , as well as **marine mammals** like seals and whales.



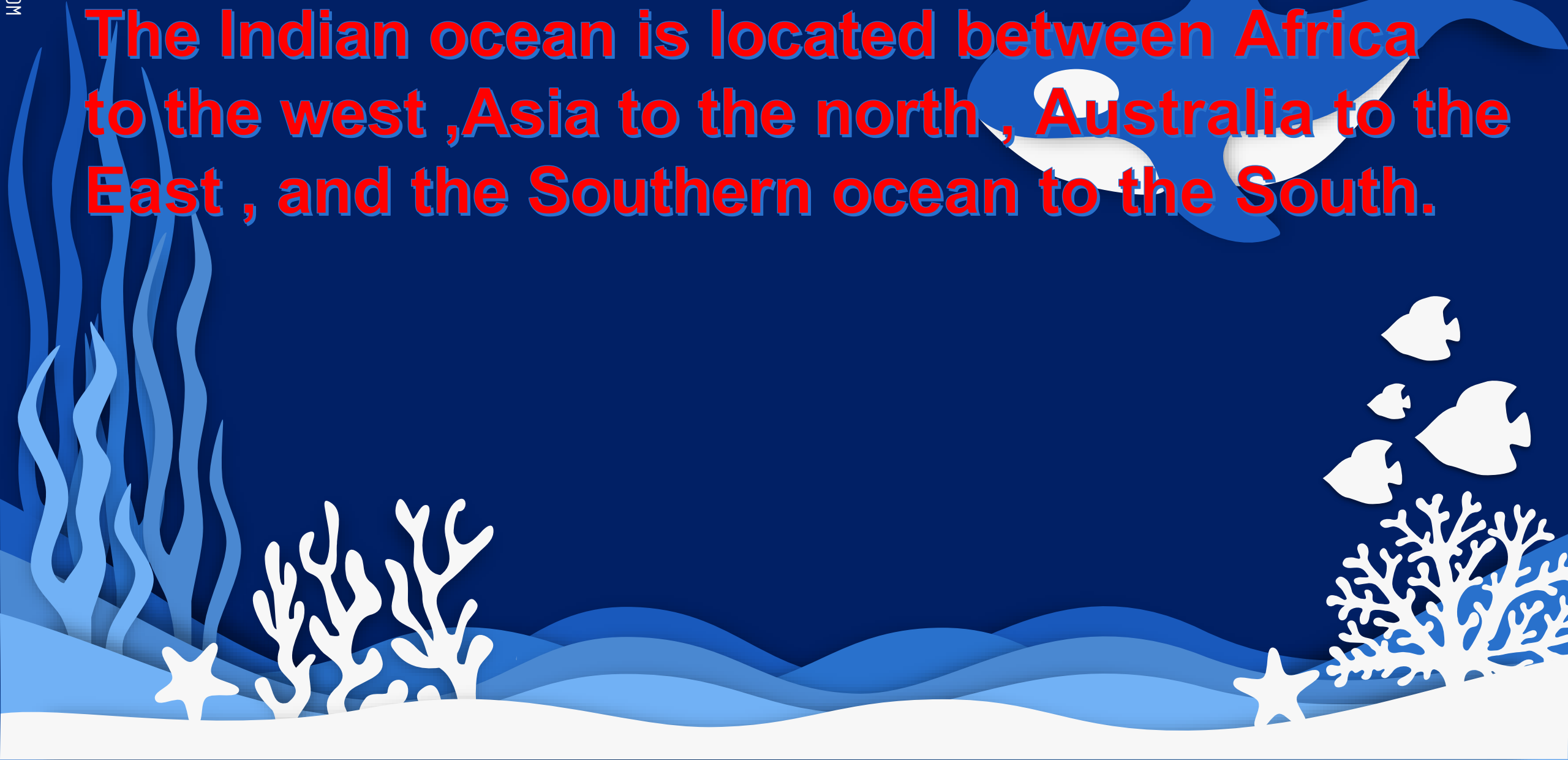
diverse=many and various



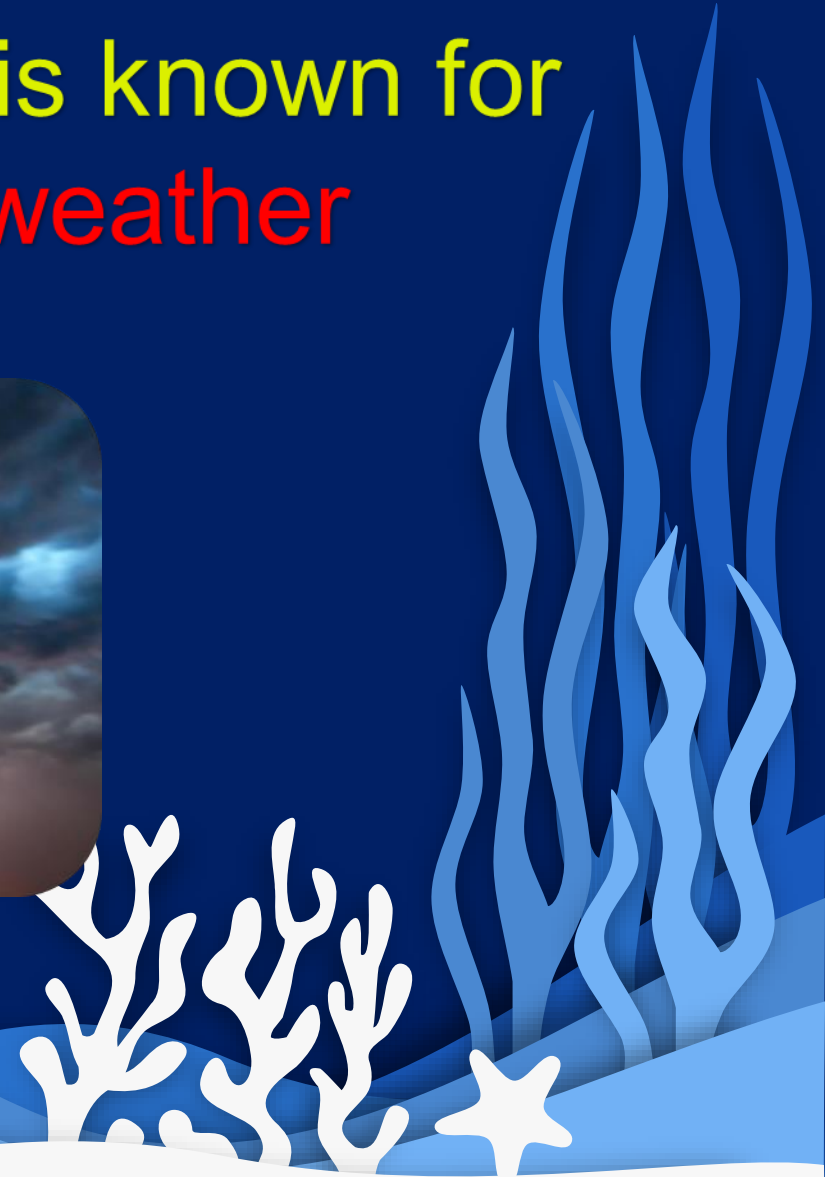


The Indian Ocean is a vast theater consisting of

**The Indian ocean is located between Africa to the west ,Asia to the north , Australia to the East , and the Southern ocean to the South.**



Important characteristic:  
It's the third-largest ocean and is known for its warm waters and **monsoon weather** patterns.





# Monsoon weather

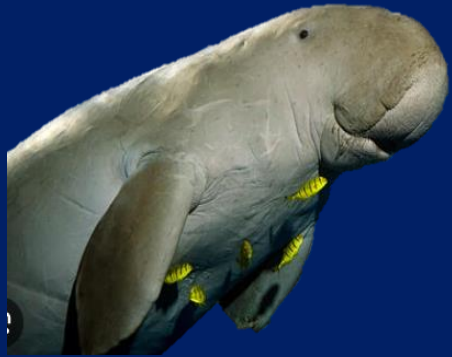


# Important Animals:

The Indian ocean is home to **unique** Marine species such as the **dugon**, **manta rays**, whale sharks, and numerous **coral reef** ecosystems.



Unique=single



dugon



Manta ray



Coral reef

