

Why is the Open Ocean so Important/Connecting to Other Ecosystems

The open ocean is important because it's the biggest area of ocean. The open ocean connects to almost every other ecosystem. The water from rivers flows into the ocean, the Abyss is below the ocean and the Polar Regions are a part of the oceans too. Everything we do on land can potentially affect the open ocean. For example, if trash is dumped from the shores of California, it can float through currents in the open ocean and end up on Pacific islands or Asia.

How Are We Harming the Ocean

There are many problems in the open ocean, and the four biggest problems is that there is so much plastic; we are overfishing; there are oil spills; and there is also "Global Warming." If we can't stop these problems, we won't have any fishes in the future and many of the ecosystems will disappear.

How Can We Help?

If we want to eat seafood and protect the ocean this is what we should do. First stop using plastic bags, and bring your own reusable bag. The next thing is stop buying drinks that are in a plastic bottles, you can bring your own water bottle or buys drinks that are not in a plastic bottle. If everyone can do this it will help the ocean and the Earth a lot.

THE OPEN OCEAN

BY: BRIAN HUNG



Introduction

The open ocean is the largest ecosystem right now on the EARTH. It is how the humans or other living stuff all started from. And we are literally destroying the ocean by polluting it too.

Location

Well the open ocean is really just located in the open ocean but then it actually has multiple layers.

Epipelagic Zone

Mesopelagic Zone

Bathypelagic Zone

Abyssopelagic Zone

Hadepelagic Zone

These are the pelagic division and the benthic division.

Animals (marine life)

There are tons of living organisms in the ocean here are some of them. There are dolphins, blue whales, turtles, tunas, zooplankton, and phytoplankton in the top part of the ocean. There are cat sharks, squids, crab, krill, and sperm whales live in the middle part of the ocean. There are giant sea spiders, large shrimp, medusa, sea pigs, black swallows, anglerfish, sea cucumber, viperfish, and weird worms live in the bottom part of the ocean. These are some of the marine animals in the ocean.

Interesting Facts

Do you know that 90% of the marine life lives in the upper zone? They live in the upper zone because there is more sunlight there is a chance for photosynthesis to occur so this means that producers (like kelp or phytoplankton) can survive. There are a lot of animals in the upper zones, since the whales live in the middle zone, they come up to the upper zone to hunt. There is one more reason that the animals live in the upper zone is the sunlight only can go 200 feet deep.

Here are more interesting facts such as, sunlight only shines through the water for 200 meters. Also, lots of fish burrow deep into the sand in the deep ocean (which is the section below the open ocean).