

My ecosystem is underwater with plants and sea creatures. My ecosystem is a Marine biome underwater and in the ocean.

The climate of the marine biome is mostly varied. Since it is the largest biome in the world, the climate varies from -40 degrees fahrenheit to over 100degrees. The average temperature is 39degrees fahrenheit.

The animals that live in my ecosystem are fish, sharks, swordfish, tuna, clown fish, grouper, stingray, flatfish, eels, rockfish, seahorse, sunfish mola, and gars. The marine mammals are blue whales, seals, walruses, dolphins, manatees, and otters. The mollusks are octopus, cuttlefish, clams, conch, squids, oysters, slugs, and snails.

The plants growing in my ecosystem are algae, sea grass, phytoplankton, coral reefs, seaweed, marsh grasses, sea anemones, and sea cabbage.

The cultural services in my ecosystem are recreational, educational, aesthetic, and spiritual. The name of this service is Cultural Services. Also Provisional Services because marine and freshwater ecosystems provide us with meat and vegetables.

The provisional service in my ecosystem supports economic activity, including jobs, fisheries, food, marine transportation, trade, fuel, and energy. The ocean supports nutrient cycling and primary production. Species that can be supported indefinitely in a defined habitat without permanently impairing the productivity of that habitat.

The regulatory services in my ecosystem are recreation, tourism and water transport are familiar services provided by many marine ecosystems. Some unique estuarine, coastal, and marine habitats are also important stores of genetic material and have educational and scientific research value as well.

The supporting services in my ecosystem are services that include, but are not limited to, nutrient cycling, water cycling, heat regulation, habitat provision and primary production. The marine biome plays an important role in absorbing heat energy.

Humans impact my ecosystem by creating pollution, overfishing, the introduction of invasive species, and acidification, which all impact on the marine food web and may lead to largely unknown consequences for the biodiversity and survival of marine life forms.

Humans can improve my ecosystem by:

1. Conserve Water. Use less water so excess runoff and wastewater will not flow into the ocean.
2. Reduce Pollutants. Choose nontoxic chemicals and dispose of herbicides, pesticides, and cleaning products properly.
3. Reduce Waste.
4. Shop Wisely.
5. Reduce Vehicle Pollution.
6. Use Less Energy.
7. Fish Responsibly.
8. Practice Safe Boating.

Some ways of conserving the ocean are:

1. Demand plastic-free alternatives. The oceans face a massive and growing threat from plastics. ...
2. Reduce your carbon footprint.
3. Avoid ocean-harming products.
4. Eat sustainable seafood.
5. Vote on ocean issues.
6. Contact your representatives and lawmakers.
7. Explore the oceans.
8. Leave nothing behind.

**My sources are**

<https://sites.google.com/site/learnbiomes/marine/animals-of-the-marine>

<https://www.cbd.int/ecosystems/doc/marine-goods-services-en.pdf>

<https://www.conservation.org/priorities/oceans>

[cK-12](https://www.ck12.org/c/biology/aquatic/lesson/Aquatic-Biomes-BIO/)

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