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Competition

30 March 2017

Pollution In The Everyday Life

The ocean is so vast and is one of the most valuable gifts of Mother Nature. It's deep blue color alone is able to sway our hearts and allow us to enjoy it's sheer beauty. Even though its beauty alone can stand as its only quality, the ocean does more than just that. The ocean is home to many of the marine animals and is home to many of the biggest ecosystems in the whole world. Our oceans consist about seventy one percent of our Earth. The animals that call the ocean their home have in recent years have been rotten with filth and pollution. This is mostly caused by humans and their various ways of polluting the ocean, our natural gift. Marine animals can do nothing but see how their homes and lives continued to be ruined, while humans continue to do harm without even realizing what damage they are causing.

It is true that our oceans have become so polluted over the years but many people still do not know what ocean pollution is. So what is water pollution? Well water pollution is the contamination of huge bodies of the water such as lakes, rivers, and oceans. This means that fresh water that we consume to survive can also be affected and not just specifically the ocean. This is very bad because all organisms depend on large bodies of water for survival, food, and shelter. Now that we know what water pollution is, how is it caused? Well, water pollution is

caused by various ways but one thing that is certain is that a huge amount of the water pollution is caused by humans. We know that naturally, there is also water pollution such as acid rain. An example would be lightning causing a forest fire which can lead to acid rain. This is natural but it rarely occurs and is what we like to call a small percentage of population. Humans are the known cause of water pollution by these methods: plastic pollution, waste/sewage pollution, oil pollution, ground surface pollution, chemical water pollution etc. Humans are the number one leaders in multiple types of pollution including water pollution. Now that we know what water pollution is and how it is caused, how does that affect the marine animals and is?

Before I begin to describe some major problems in the ocean, I want to first go over one major type of pollution that is common in our oceans: plastic pollution. So, what is plastic pollution? Well plastic pollution is the pollution of many plastic items into our ocean. These items include anything made up of plastic such as plastic soda rings, plastic bags, and plastic bottle caps. One major problem associated with this type of pollution is the health of marine animals. Some of these marine animals include turtles, fishes, and crabs. Most commonly fishes end up eating bottle caps without knowing they are not food and this can lead them into dying earlier or affecting the food on the food market. Plastic soda rings are a common hazard amongst turtles and crabs. These soda rings usually end up getting tangled around their body or body parts (such as their legs for crabs) and the danger might go as far as deforming the animal itself. A famous turtle known as Peanut is a prime example of this tragedy. According to various sources such as inhabit.com

[\(http://inhabitat.com/peanut-the-story-behind-the-poor-sea-turtle-deformed-by-a-six-pack-ring/\)](http://inhabitat.com/peanut-the-story-behind-the-poor-sea-turtle-deformed-by-a-six-pack-ring/)

this turtle got tangled in a soda ring package and it caused her body to be shaped like a peanut,

hence the name Peanut. This is how animals can be harmed by plastic pollution. We as humans are making their home a hazardous one. We need to begin ways to prevent and possibly make this distinction a better one for us and them.

One major issue I have noticed in multiple sources is the marine ecosystem. The marine is one of the largest ecosystems in the world and with a size of that every species plays a huge role in the ecosystem. The ecosystem is linked together to a food chain called a food web. In my biology class, we have learn basic levels of consumers to get an idea on how it all works and is tied down but we have also learned that if a consumer goes missing, it can break the food chain/web apart. A prime example currently going on as I type this essay is coral bleaching. To give a brief summary, coral bleaching is the process of coral killing themselves due to global warming in which the temperature changes stress the coral and it leads to their death. This affects the food chain because of coral are lost, the creatures that depend on them lose them and will likely die off as well. If sea bass and major fishes reach low numbers due to water pollution, we know that their predators will most likely run out of food and die off as well.

There is many different types of pollutions that are caused by humans. The different types of pollution are water pollution, air pollution, soil pollution, thermal pollution, radioactive pollution , noise pollution pollution and light pollution. Each type of pollution not only affects us in our daily lives but it also affects the lives of the differents species living in the various ecosystems around the world.

How does pollution affect us ?

Pollution affects us in various ways because the burning of fossil fuels and other types of pollutions release pollutants that we can breath in.

Air pollution can put us on a higher of respiratory failures and diseases. Air pollution also put people at a higher risk of diseases like asthma, leading to lung function decreased and they suffered from respiratory inflammation. Most air pollutants are carcinogens meaning that the pollutants can cause cancer if people are exposed to them constantly. Air pollution in general can lead to damages in the immune system.

There are different sources of water pollution there are Discharge of untreated Raw Sewage from households and factories, Chemicals dumped from Factories, Agricultural run-offs that make their way into our rivers and streams and groundwater sources, Urbanization, The rising use of synthetic organic substances

,Oil Spills, Acid Rain caused by the burning of Fossil Fuels, Human littering in rivers, oceans, lakes and other bodies of water. Harmful litter includes plastics, aluminum, glass and Styrofoam.

There are various chemicals and thing in the ocean and each one of them affects us differently. For example pesticides can damage the nervous system and cause cancer . Chlorides is a compound of chlorine and elements that can cause reproductive and endocrine damage.

Petrochemicals are a chemical that is obtained from petroleum and natural gases and even with very low exposure, can cause cancer.

Water pollution not only affects on a health level but it also affects the homes of many marine species which call our oceans their home. We not only do we depend on some marine animals as a food source but we also depend on our oceans for our entertainment. Who doesn't enjoy a good summer day at the beach , spending quality time with their family and while enjoying a delicious tuna sandwich by the shore? With ocean pollution we are reducing the possibilities of enjoy a summer day , but what can we do to help?

To help reduce water pollution we can start by conserving water by turning off the tap when running water is not necessary. This helps prevent water shortages and reduces the amount of contaminated water that needs treatment.

You can start to use environmentally friendly products, such as washing powder, household cleaning agents and toiletries and reusable bags when you go to the market. Another way to help reduce water pollution is reducing or avoiding the pesticides and fertilisers that you use. This will prevent runoffs of the material into nearby water sources. If you are visiting an area where there is a nearby lake, river or ocean, do not throw any type of litter or trash into or near the water.

