

Water:



- The earth is made up of 70% of water;
- Water is essential for life;

- Life started in the water;



- In the sea there is a vast and delicate ecosystem.

Water Pollution

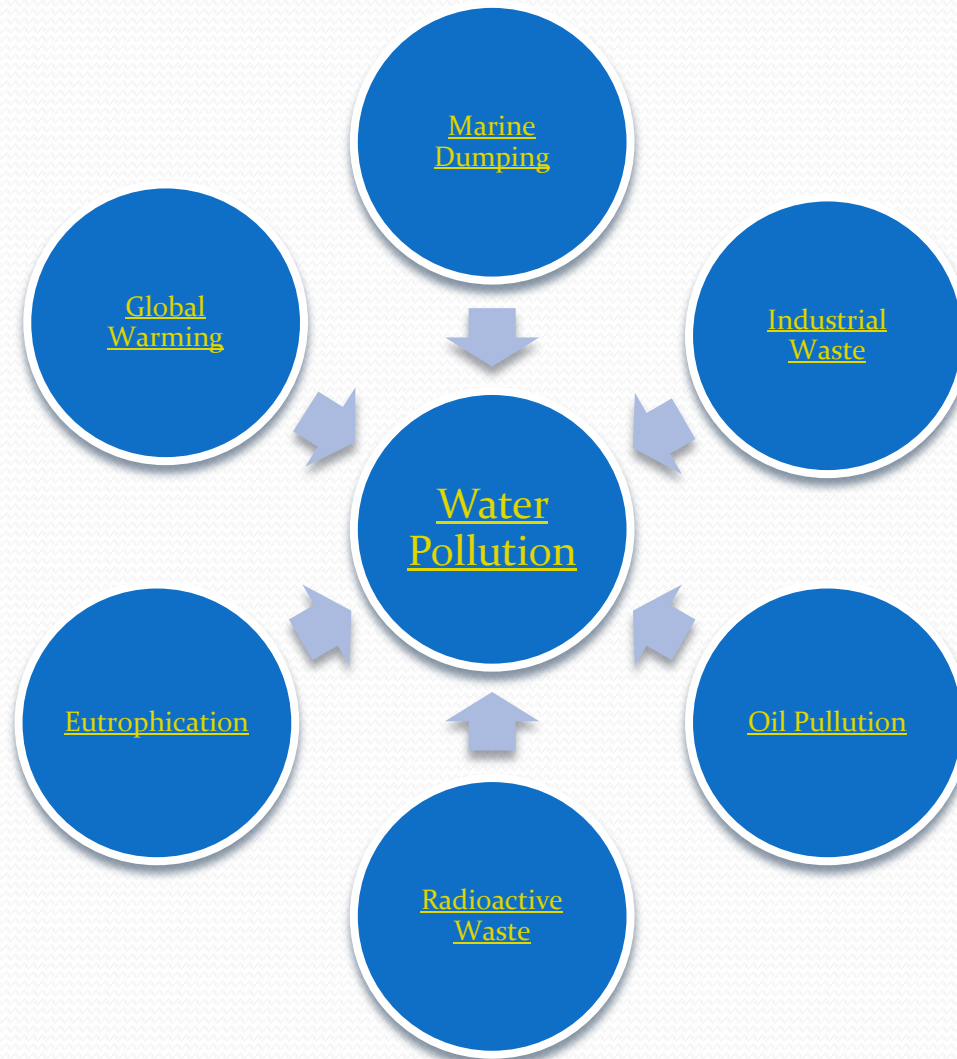
Water pollution is the contamination of water.



It occurs when pollutants are discharged directly or indirectly into water without adequate treatment to remove harmful compounds.

Water pollution affects plants and organisms living in water bodies.

Causes of water pollution



Oil Pollution



Oil Pollution concerns above all the seas and oceans.

Oils remain afloat because they do not dissolve in water and stay there for a long time.

Fish suffocate because it forms a muddy layer on the surface.

Mud soaks the feathers of birds and doesn't allow them to fly.



Radioactive Waste

Nuclear wastes are garbage of industrial processes, which use nuclear products.

The most radioactive waste comes from nuclear power plants.

Refining of uranium produces many radioactive waste.



Eutrophication



When in an aquatic environment there are too many nutrients, it is called eutrophication.

The presence of many nutrients, causes an excessive bloom of algae, that causes an impoverishment of oxygen, causing the death of many aquatic organisms.

Moreover, the layer of algae blocks the sunlight, causing the death of the plants underwater.



Marine Dumping

Marine dumping causes huge problems to the environment, because most of the items take decades to decompose.

Some dangerous items are 6-pack rings, that can trap marine animals and may result in their death.

Aluminum – It takes 200 years to degrade.

Plastic packaging – It takes 400 years to degrade.

Glass – It takes so long to degrade that we don't know the exact time.



Industrial Waste



Industrial waste water is one of the biggest source of water pollution, and produces pollutants that are dangerous to people's life.

Many industries use fresh water to clean the plants, pouring the pollutants into the rivers.

The most dangerous of these pollutants are: lead, dangerous to people's health and environment, as well as mercury, nitrates and phosphates, which can cause eutrophication.



Global Warming

Global warming causes the increase of the earth atmosphere's temperature, it can results in the death of many aquatic organisms.



The global warming is caused by the greenhouse effect, due to greenhouse gases, like carbon dioxide, released into the atmosphere.

