

Water Pollution



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What is Water Pollution

Water pollution is the contamination of water bodies (e.g. lakes, rivers, oceans, aquifers and groundwater), very often by human activities. It occurs when pollutants (particles, chemicals or substances that make water contaminated) are discharged directly or indirectly into water bodies without enough treatment to get rid of harmful compounds.

Industrial cause of water pollution

Industrial waste Industries cause huge water pollution with their activities. These come mainly from: Sulphur – This is a non-metallic substance that is harmful for marine life.

Mining Activities

Mining is the process of crushing the rock and extracting coal and other minerals from underground. These elements when extracted in the raw form contains harmful chemicals and can increase the amount of toxic elements when mixed up with water which may result in health problems.

Oil Industries causing pollution

Routine shipping, run-offs and dumping of oils on the ocean surfaces happen everyday. Oil spills cause major problems, and can be extremely harmful to local marine wildlife such as fish, birds and sea otters and other aquatic life. Because oil does not dissolve, it stays on the water surface and suffocates fish. Oil also gets caught in the feathers of sea birds, making it difficult for them to fly. Some animals die as a result



Sewage Waste in Water

Sewage is the term used for wastewater that often contains feces, urine and laundry waste. The sewage and wastewater that is produced by each household is chemically treated and released in to sea with fresh water. The sewage water carries harmful bacteria and chemicals that can cause serious health problems. Pathogens are known as a common water pollutant.



Death of Aquatic(Marine) Animals

The main problem caused by water pollution is that it kills life that depends on these water bodies. Dead fish, crabs, birds and seagulls, dolphins, and many other animals often wind up on beaches, killed by pollutants in their habitat (living environment)



Diseases caused by Waste

Eventually, humans are affected by this process as well. People can get diseases such as hepatitis by eating seafood that has been poisoned, Liver damage kidney damage stomach pain and vomiting. Water related diseases cause 3.4 million deaths a year, Deaths In many poor nations, there is always outbreak of cholera and diseases as a result of poor drinking water treatment from contaminated waters.

Ocean Waste and Marine Dumping

Paper waste, food waste, plastic, rubber, metallic and aluminum waste. In some countries, they are deposited into the sea



Prevention

- Throw garbage in trash cans not in oceans and rivers.
- Never throw chemicals and oil in oceans throw them in a local chemical disposal
- Plant more Trees and flowers so chemicals in the water can be easily drained into them
- Use Water wisely do not keep water running. This prevents water shortages and reduces the amount of dirty water that needs treatment

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Thank You!!!!