

The background of the image is an underwater scene. Sunlight filters down from the surface, creating a shimmering, dappled light effect on the water. The water is a deep blue color, and the overall atmosphere is serene and natural.

Pollution of the Sea

What is water pollution?

Water pollution is the contamination of water bodies (e.g. lakes, rivers, oceans and groundwater). This form of environmental degradation occurs when pollutants are directly or indirectly discharged into water bodies without adequate treatment to remove harmful compounds.



Water pollution

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graph TD; A[Water pollution] --> B[Point sources]; A --> C[Nonpoint sources];
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Point sources

Nonpoint sources

Thermal pollution

Thermal pollution is the rise or fall in the temperature of a natural body of water caused by human influence.

Elevated water temperatures decrease oxygen levels, which can kill fish and alter food chain composition

Cases of pollution

The main source of pollution is the emission of chemical compounds from factories

Contaminants may include organic and inorganic substances.



Damage to the nature

Water pollution affects the entire biosphere – plants and organisms living in these bodies of water. In almost all cases the effect is damaging not only to individual species and population, but also to the natural biological communities.



Point sources

Point source water pollution refers to contaminants that enter a waterway from a single, identifiable source, such as a pipe or ditch.

Nonpoint source

Nonpoint source pollution refers to diffuse contamination that does not originate from a single discrete source.