

Tenden Heart High School

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Effects of Water Pollution

Geography (IX)

1) Sewage and domestic waste

- Bacteria, Virus etc gets favourable conditions to grow in contaminated water with domestic waste and pollutes the water.

2) Effects of Industrial Effluent

- Acid, Alkali, Disinfectants that are released in water kills marine organisms and it also causes damage to kidney, liver and brain of Humans.

3) Effects of Thermal pollutants on water

- It reduces dissolved oxygen in water and can also lead to the process of Eutrophication. This increases threat for marine life.

4) Effects of Radioactive pollutants in water

- Radioactive pollutants weakens the immune system of the body.
- They also cause diarrhoea, epilepsy, nausea etc.

Effects of soil Pollution

- Soil productivity reduces.
- loss of soil nutrients and loss of biodiversity.
- Soil becomes more prone to erosion.
- destruction of organisms.
- Soil pollution will also result in decrease of Agriculture.
- Soil pollution also results in reduction of vegetation cover.

Effects of Noise Pollution

- high level of noise causes damage to ear drums.
- Sometimes loud noise also damages sensory cells and this leads to permanent damage of ears.
- loud noise also leads to sleep disturbances.
- loud noise also leads to Headache.
- loud noise causes hormonal disbalance which leads to problems such as heart attack, high BP, hypertension.

Effect of Radion Pollution

- The UV rays of sun affects the cells and molecules which absorb them.
- They inactivate DNA and RNA molecules which increases the chances of cancer and mutation.
- It also kills foetus in womb.
- It causes burns, impaired metabolism and killing of organisms.

Effects of Bhopal Gas Tragedy

- It led to respiratory issues in humans that were chronic in nature.
- It also led to chronic eye issues such as scars on cornea, corneal opacities etc.
- It also led to neurological disorders and Psychological Issues.

- It also lead to increase in abortions and other gynecological disorders.
- It also lead to birth defects upto three generations.

Effects of chernobyl Disaster

- It lead to thyroid cancer in childrens and Adolocents.
- It caused mental health effects in humans.
- It killed lot of people in the nearby vicinity.
- The sale of Sheep from some farms ^{located} nearby the facility was banned and it was not taken for meat because the sheeps were also infected.
- The people indulged in recovery operation suffered from cancer.
- There was total change in lifestyle of the people residing in nearby areas.