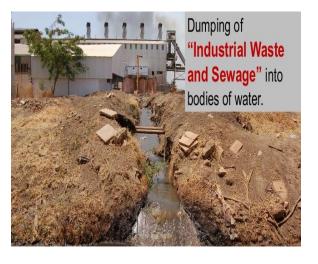
EFFECTS OF WATER AND SOIL POLLUTION ON VEGETATION

What is water pollution?

"Water pollution" is defined as the addition of harmful or objectionable material to water bodies causing an alteration of water quality.

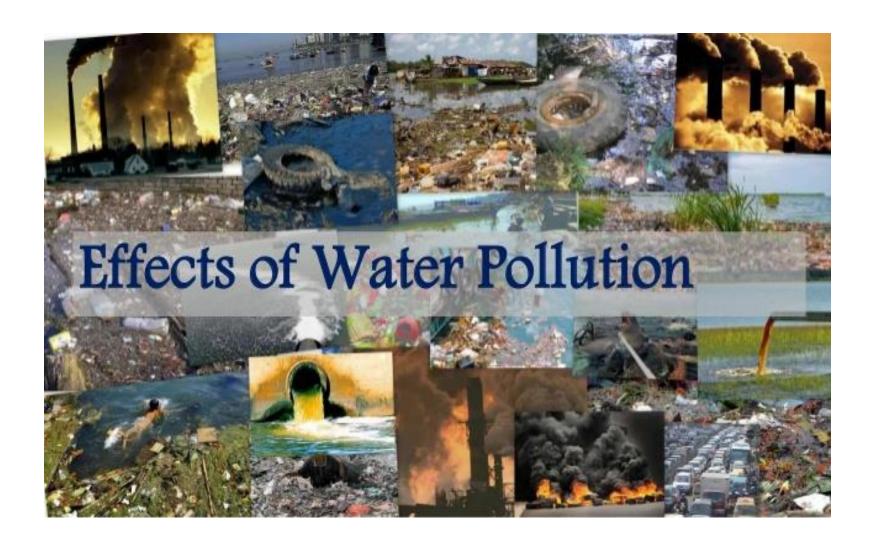
How does water pollution occur?

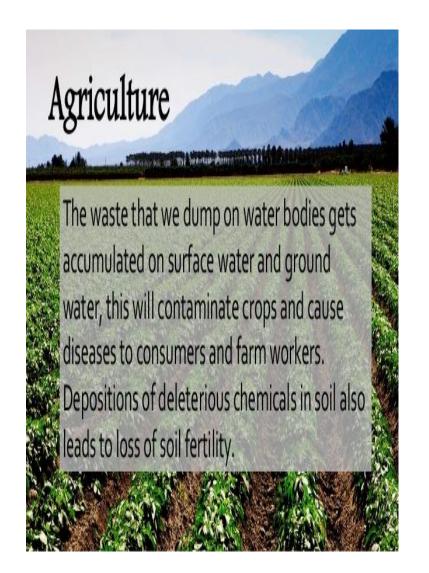
Water pollution can occur via several mechanisms, here are some common causes:





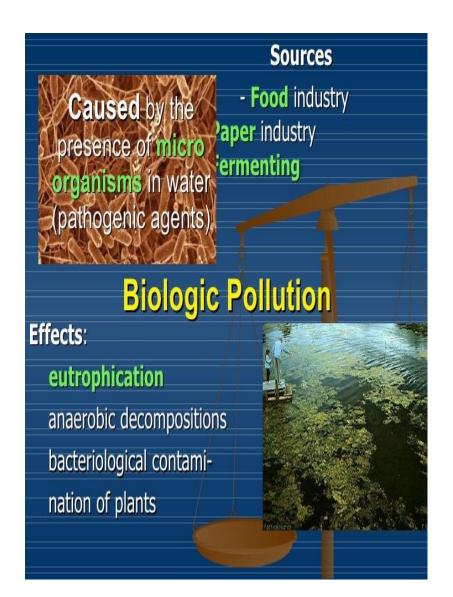


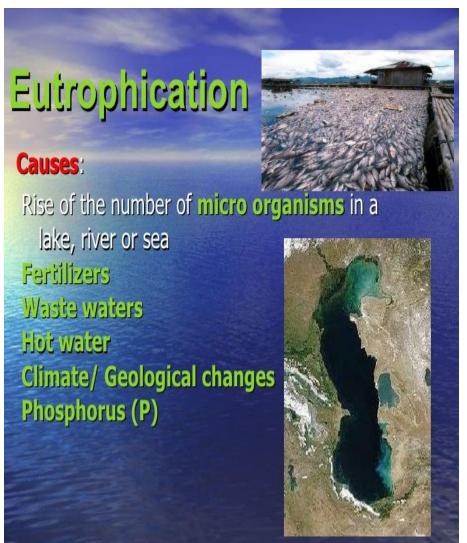


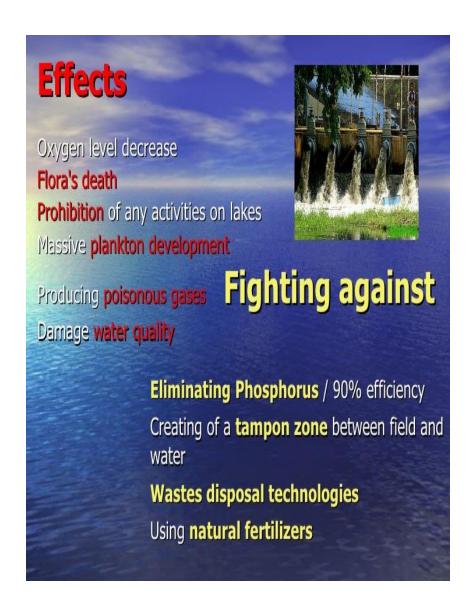


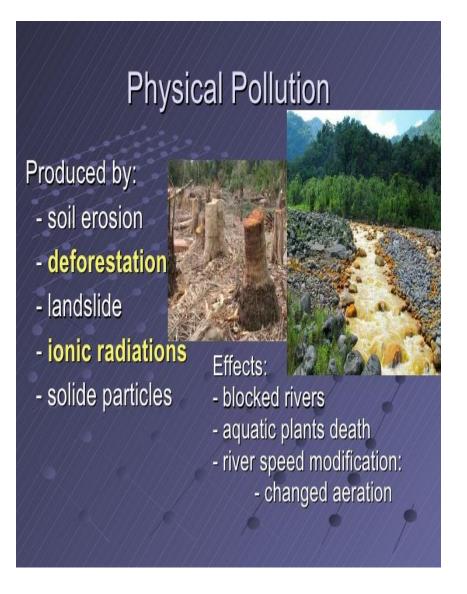
Ecosystem

Ecosystems are destroyed by the rising temperature in the water, as coral reefs are affected by the bleaching effect due to warmer temperatures. Additionally, the warm water forces indigenous water species to seek cooler water in other areas, causing an ecological damaging shift of the affected area









Effect of soil pollution

- 1. The pathogenic bacteria spread infection
- 2. Chemicals such as
 Arsenic, mercury,
 chromium, Nickel,
 lead, cadmium, Zinc,
 Iron being toxic affect
 the living beings





Effects of soil pollution

 Excess use of fertilizers and pesticides affects the plant growth besides reducing crop yield







Effect of soil pollution

 Water logging and salinity may increase the level of dissolved salt content in ground water as well as in the soil









Control of soil pollution

- Treating the sewage before land disposal.
- By preserving and protecting the top fertile soil, we can control erosion.
- Disposal of wastes in landfill.
- Utilizing optimal dose of fertilizers and pesticides .
- Rotating the crop pattern