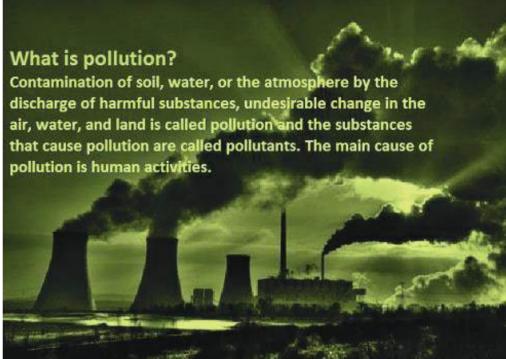




Course Content(s)

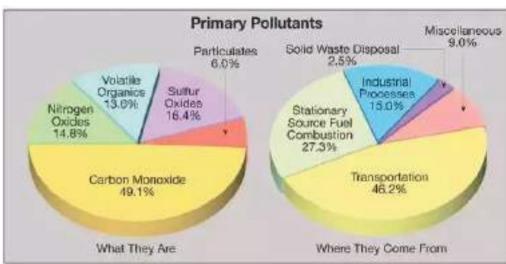
- Environmental Pollution & Their Effect(s)
- Water Pollution
- Land Pollution
- Noise Pollution
- Air Pollution
- Public Health aspect(s)
- Solid waste management



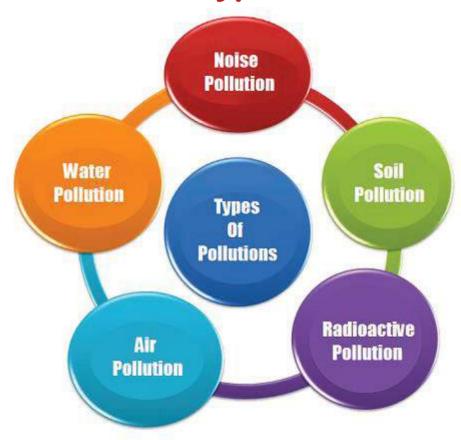


Common Pollutant(s)





What Are The Type Of Pollution





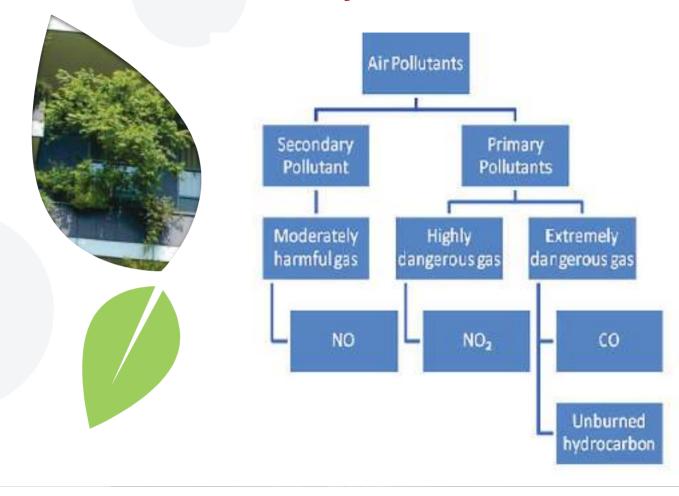
What is air pollution?

Air pollution is made up of different types of chemicals and gases. It occurs in our atmosphere.



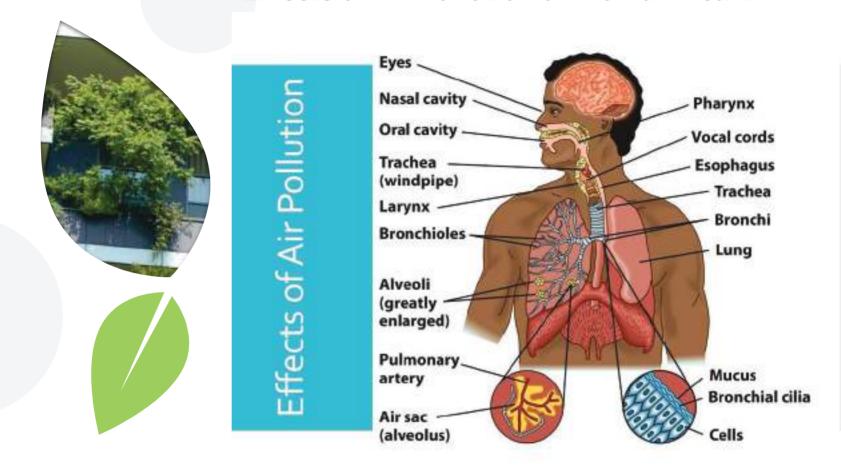


Summary of Air Pollutants



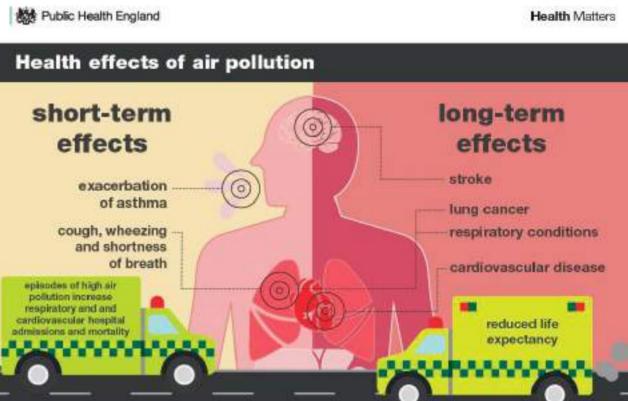
8

Effects of Air Pollution on Human Health

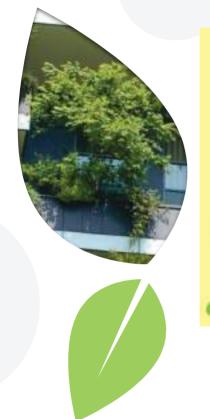


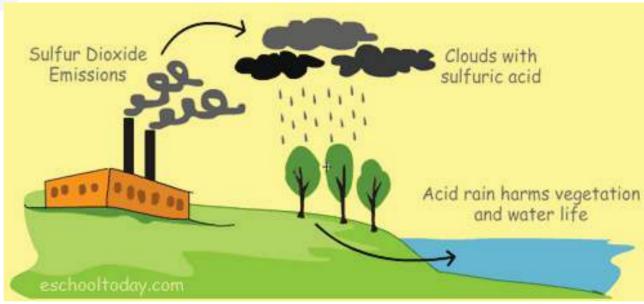
Effects of Air Pollution on Human Health



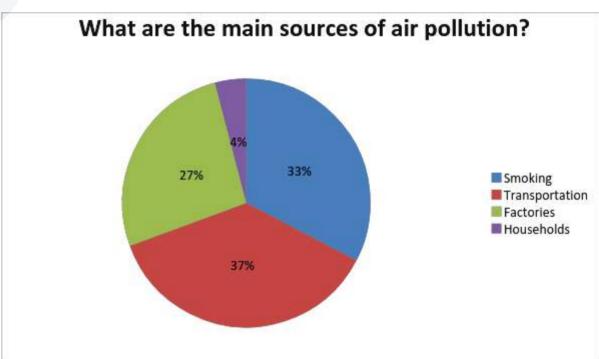


Effects of Air Pollution on Environment









Air Pollution Control



Air Pollution can be reduced by







Using Electric Vehicles



Using Environment Friendly vehicles



Using alternate sources of energy



Using public transport

WATER POLLUTION



What is water pollution?

Any chemical,
biological, or physical
change in water
quality that has a
harmful effect on
living organisms or
makes water
unsuitable for desired
usage.



Cause of Water Pollution



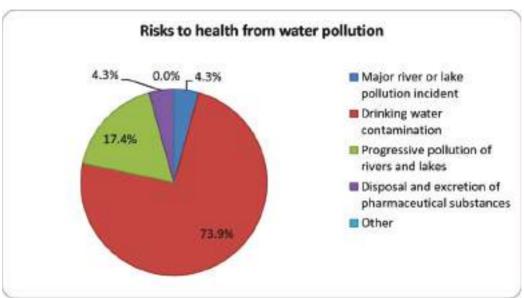
SOURCES AND EFFECTS OF WATER POLLUTION

- Sewage and domestic waste
- Industrial wastes and effluents
- Insecticides and pesticides
- Detergents and fertilizers
- 5) Siltation
- 6) Thermal pollution
- 7) Radioactive materials



WATER POLLUTION









EFFECTS OF WATER POLLUTION

- Virtually all types of water pollution are harmful to the health of humans and animals. Water pollution may not damage our health immediately but can be harmful after long term exposure. Different forms of pollutants affect the health of animals in different ways:
- Heavy metals from industrial processes can accumulate in nearby lakes and rivers. These are toxic to marine life such as fish and shellfish, and subsequently to the humans who eat them.
- Industrial waste often contains many toxic compounds that damage the health of aquatic animals and those who eat them. Some of the toxins in industrial waste may only have a mild effect whereas other can be fatal. They can cause immune suppression, acute poisoning.
- Microbial pollutants from sewage often result in infectious diseases that infect aquatic life and terrestrial life through drinking water. Microbial water pollution is a major problem in the developing world, with diseases such as cholera and typhoid fever being the primary cause of infant mortality.

WATER POLLUTION & Human Disease





Diarrhea



Vomiting



Typhoid



Diphtheria



Hepatitis



Kidney Damage

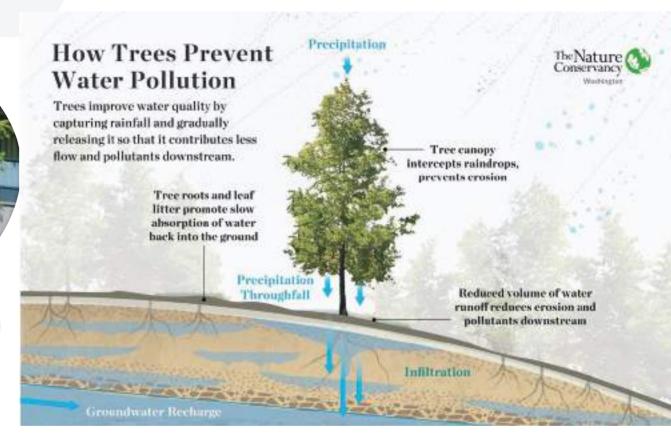


Nerve Disorders

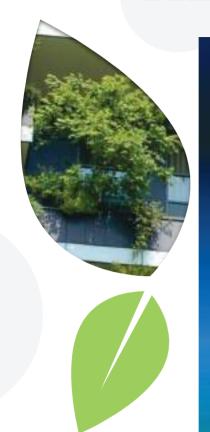


Skin Lesions

PREVENTION OF WATER POLLUTION



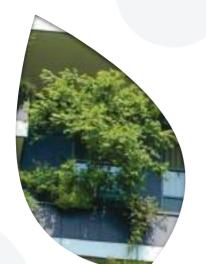
PREVENTION OF WATER POLLUTION



Preventing Water Pollution

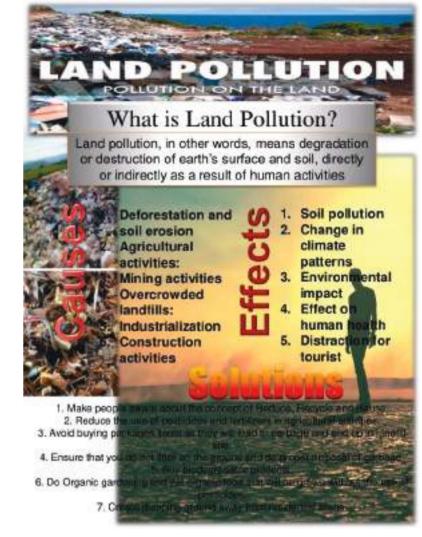
- Protect wetland and riparian habitat
- Use less chemicals, energy, and manufactured products that contain plastic or metal
- Minimize the use of agricultural chemicals (inorganic fertilizer, pesticide, soil stabilizers, etc)
- Develop effective storm water runoff systems
- Develop and enforce strict safety requirements for oil drilling and transport
- · Minimize runoff from all sources
- Treat contaminated water prior to release into the environment (waste water treatment)

LAND POLLUTION



For detail Land pollution follow the link below and take note as you wish! Thank you!

https://www.environmentalpollutioncenters.org/soil/



NOISE/SOUND POLLUTION



Noise pollution, also known as environmental noise or sound pollution, is the propagation of noise with ranging impacts on the activity of human or animal life, most of them harmful to a degree. The source of outdoor noise worldwide is mainly caused by machines, transport, and propagation systems.

DECIBEL SCALE



For detail noise pollution please refer the link below you may find the best note here. Thank you !! https://www.environmentalpollutioncenters.org/noise-pollution/

NOISE/SOUND POLLUTION

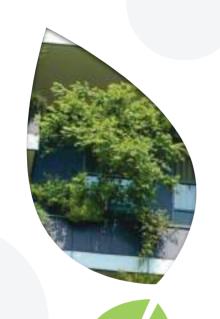


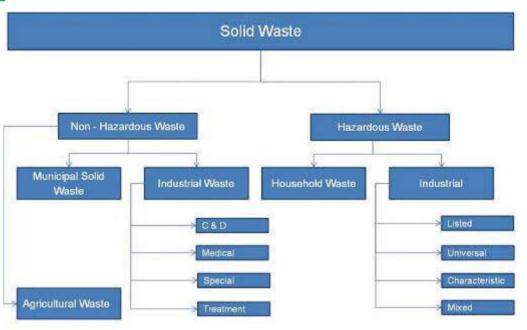
Sound is measured in units called decibels (dB). Sounds of less than 75 decibels, even after a lengthy exposure, are unlikely to cause hearing loss. However extended or repeated exposure to sounds at or above 85 decibels (approximately the level of a vacuum cleaner) can cause hearing loss.

For detail noise pollution please refer the link below you may find the best note here. Thank you !! https://www.environmentalpollutioncenters.org/noise-pollution/

23

SOLID WASTE MANAGEMENT

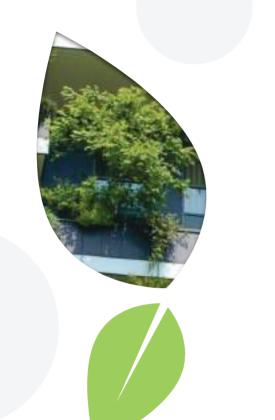




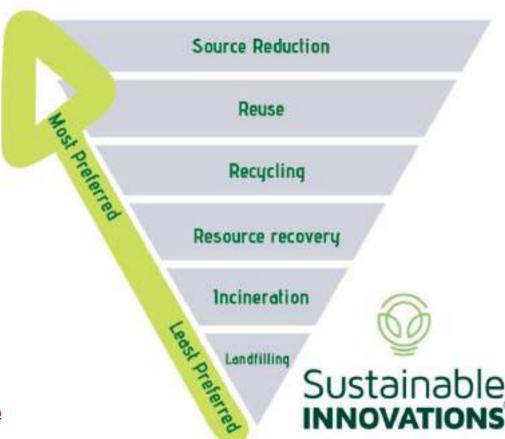
Follow the you tube video for a nice lesion on SWM https://youtu.be/nL354fxAfBk

SOLID WASTE MANAGEMENT

WASTE PYRAMID



Follow the you tube video for a nice lesion on S\ https://youtu.be/nL354fxAfBk



SOLID WASTE MANAGEMENT



Follow the you tube video for a nice lesion on SWM https://youtu.be/nL354fxAfBk