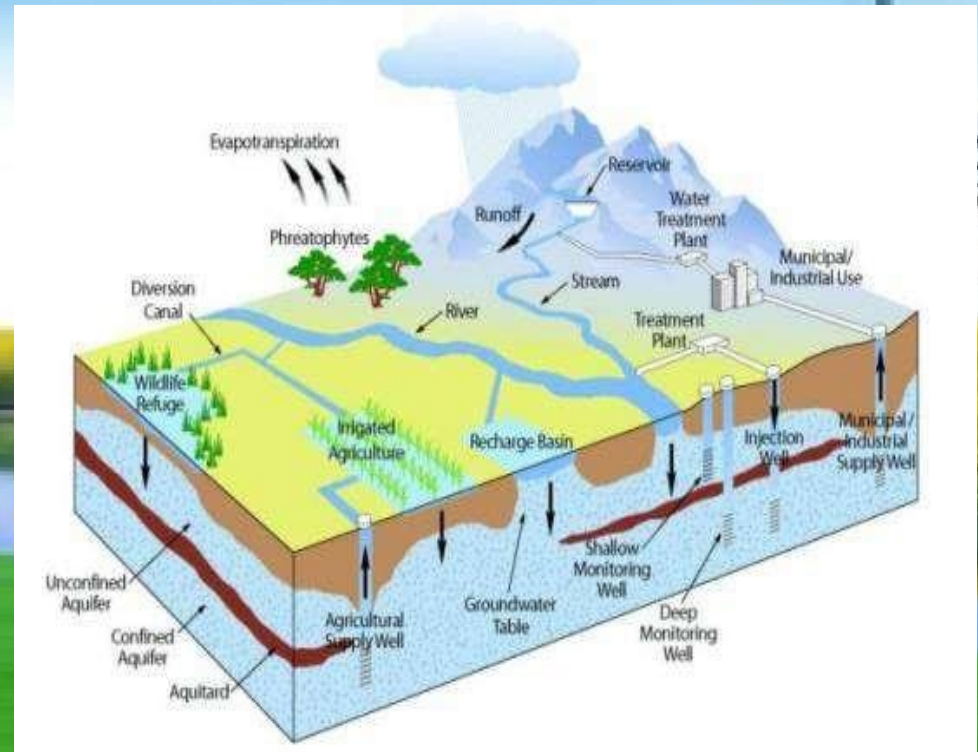




1st semester

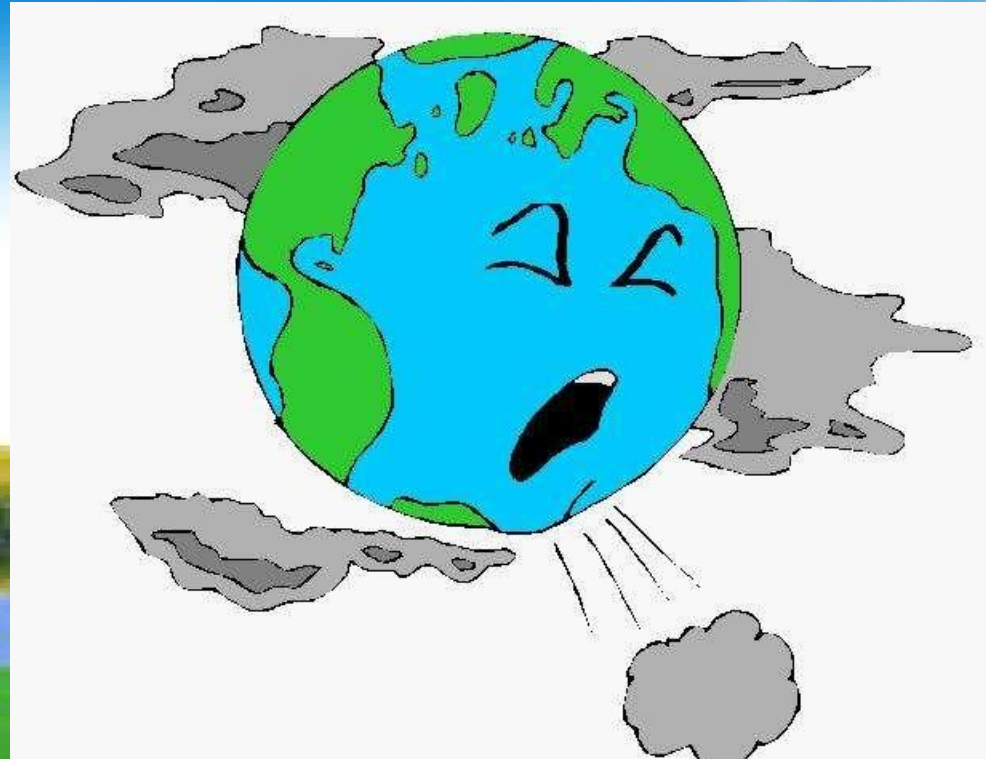
Topic 13: Environmental problems and solutions



Environmental Pollution and Its Effects



Air pollution





Water pollution





In many rural areas one can still find people bathing and cooking in the same water, making it incredibly filthy.

- In addition to these, thermal pollution and the depletion of dissolved oxygen aggravate the already worsened condition of the water bodies.
- Water pollution can also indirectly occur as an offshoot of soil pollution – through surface runoff and leaching to groundwater.

Noise pollution





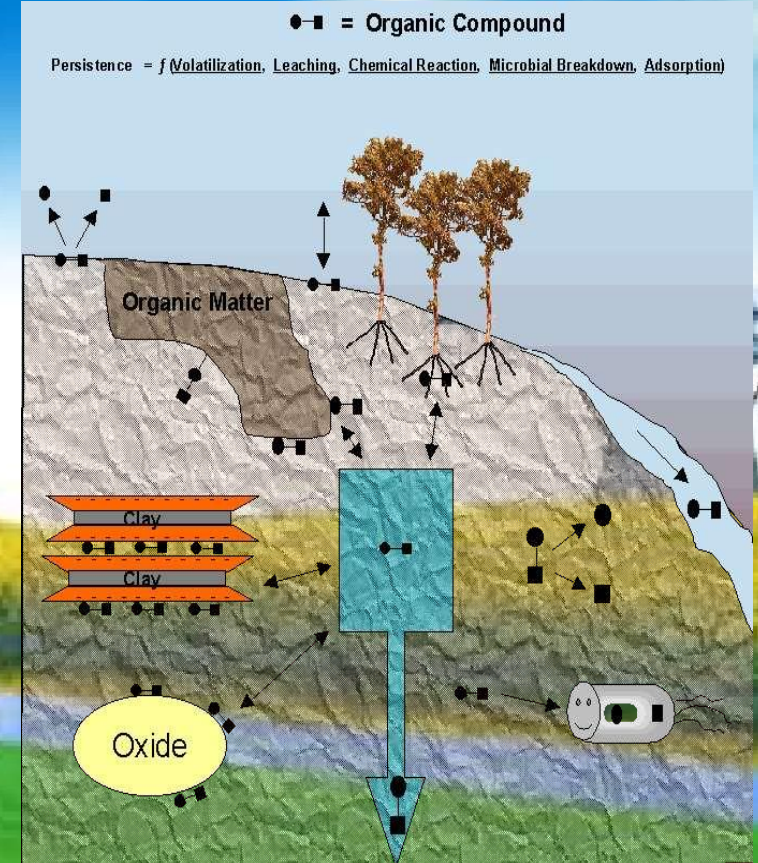
Noise pollution



- Noise pollution, soil pollution and light pollution too are the damaging the environment at an alarming rate.
- Noise pollution include aircraft noise, noise of cars, buses, and trucks, vehicle horns, loudspeakers.

- Industry noise, as well as high-intensity sonar effects which are extremely harmful for the environment.
- Maximum noise pollution occurs due to one of modern science's best discoveries – the motor vehicle, which is responsible for about ninety percent of all unwanted noise worldwide.

Soil pollution





Soil pollution



- Soil pollution, which can also be called soil contamination, is a result of acid rain, polluted water, fertilizers etc., which leads to bad crops.
- Soil contamination occurs when chemicals are released by spill or underground storage tank leakage which releases heavy contaminants into the soil.
- These may include hydrocarbons, heavy metals, MTBE, herbicides, pesticides and chlorinated hydrocarbons.

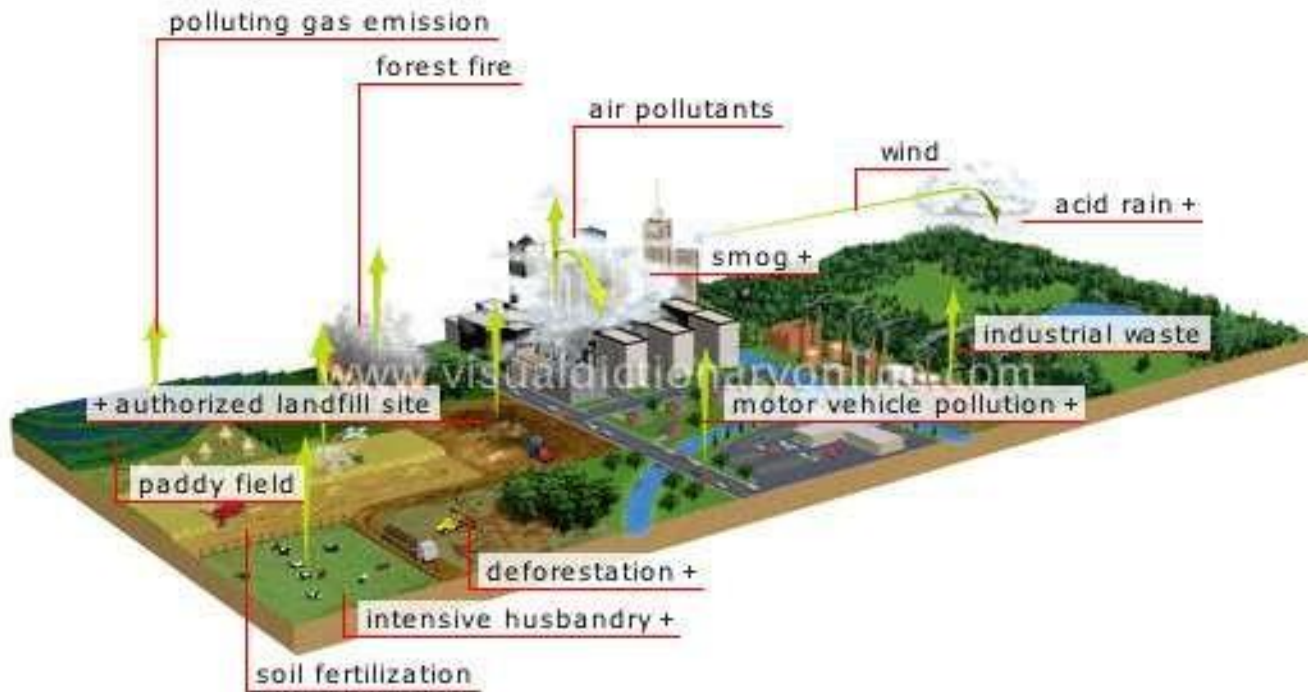


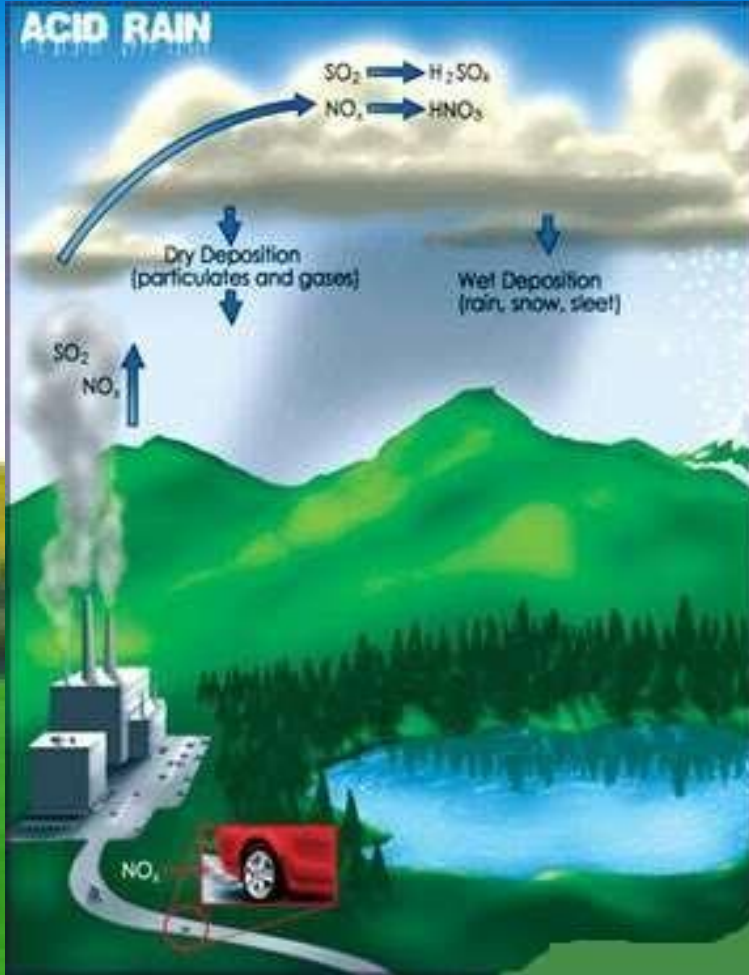
Light Pollution





Industrial Pollution







Industrial Pollution

- Small pressure groups should be formed to influence industries to install filters, electrostatic precipitators, scrubbers, etc., to control atmospheric pollution.
- Education is the most important solution

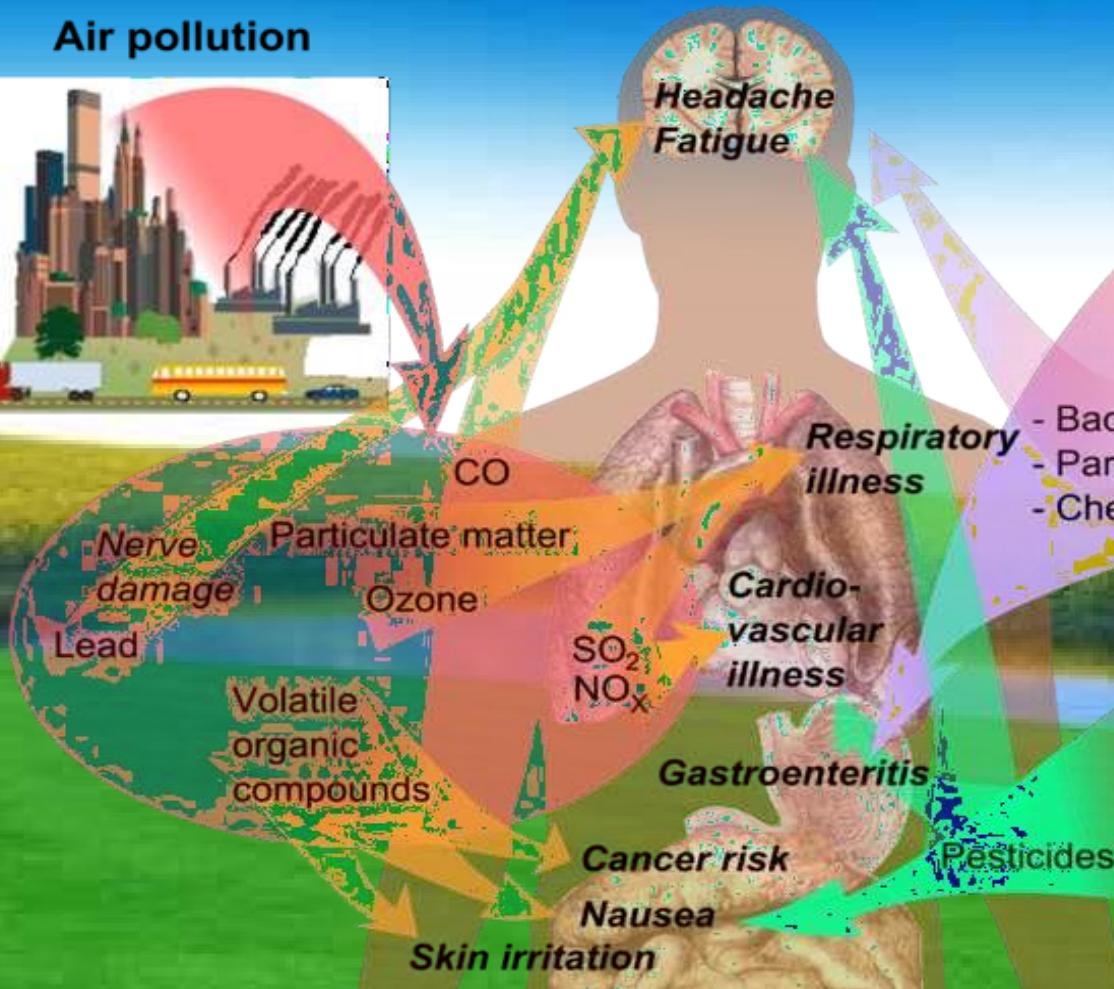


- Plan campaigns in schools and colleges on simple issues such as the ill-effects of smoking.
- substitutes for domestic fuel consumption such as smokeless chulhas, etc.
- Mobilize your immediate locality to protest against local polluting industries.

Health Effects of Pollution

Health effects of pollution

Air pollution



Water pollution



- Bacteria
- Parasites
- Chemicals

Soil contamination





The solutions

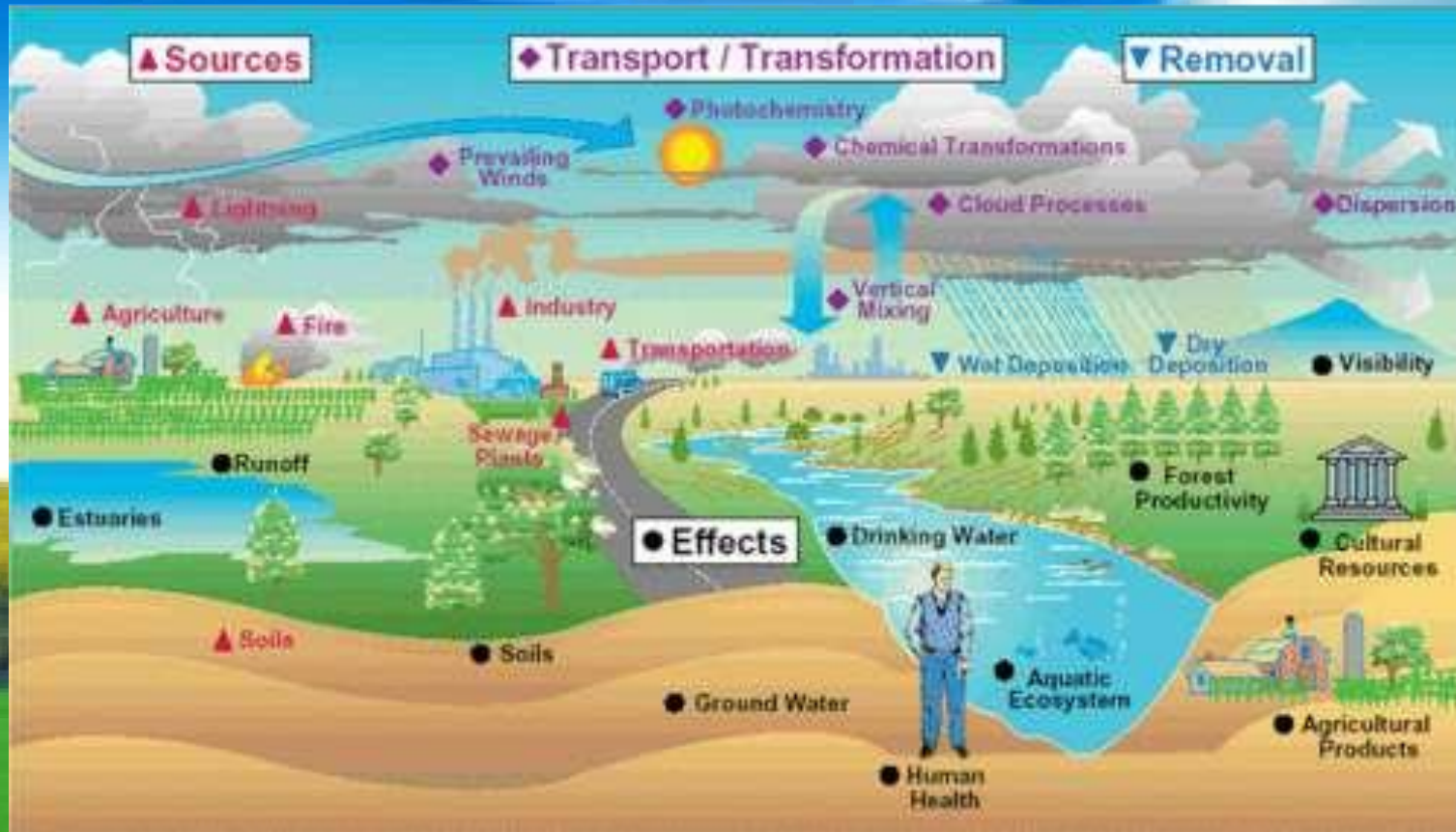




Group solution



Environmental Protection





- It is now time to join hands across the globe to protect and preserve our environment.
- Thereby safeguard human health along with the natural environment: air, water, and land. We need to preserve our wetlands, our rainforests, our farmlands and arctic zones.
- And we need to save the endangered species.



Saving the Environment



- Saving the environment is not an issue anymore.
- It is a survival truth. Individuals, organizations and governments need to come together.
- And join hands to protect what is left of our planet so that the future is not wiped out before it's time for curtain call.





Saving the Environment



