

What is air pollution??

Air pollution includes all contaminants found in the atmosphere. These dangerous substances can be either in the form of gases or particles.



Why air pollution is an important issue?

- Every day, the average person inhales about 20,000 liters of air. Every time we breathe, we risk inhaling dangerous chemicals that have found their way into the air.



Causes

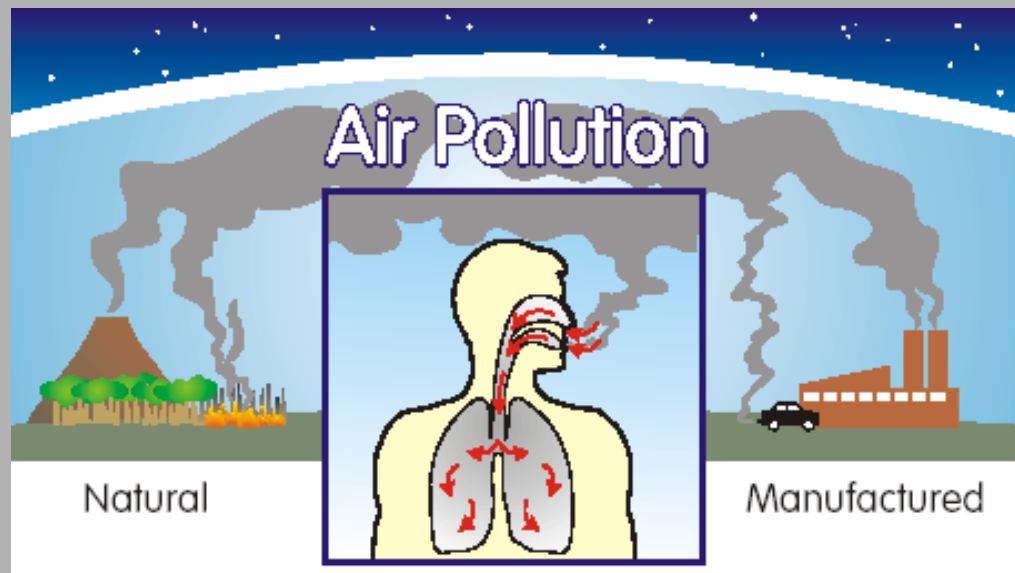
- There are many different chemical substances that contribute to air pollution. These chemicals come from a variety of sources.

Among the many types of air pollutants are nitrogen oxides, carbon monoxides, and organic compounds that can evaporate and enter the atmosphere.



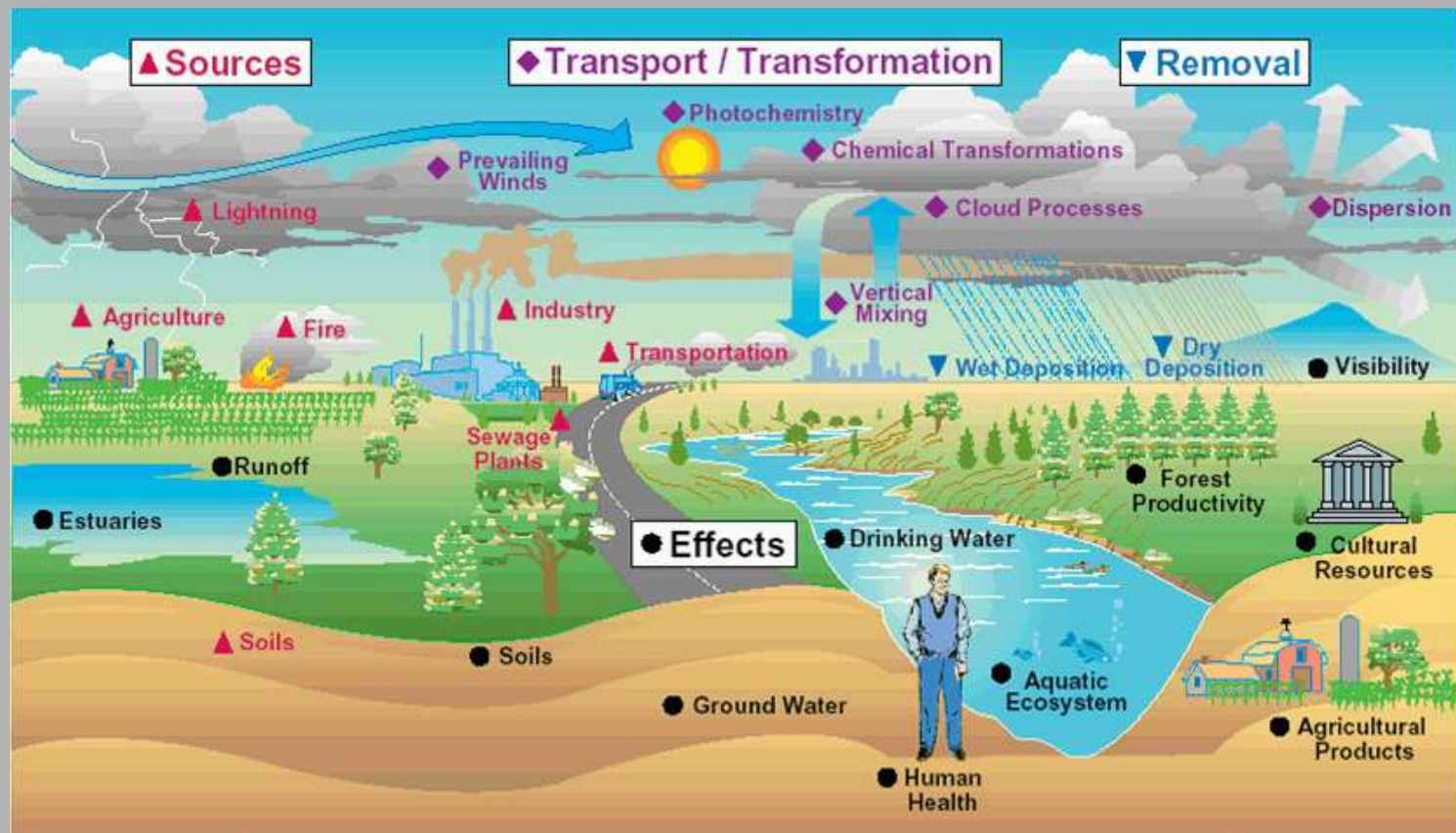
Natural and human causes

- Natural: Forest fires, volcanic eruptions, wind erosion, pollen dispersal, evaporation of organic compounds, and natural radioactivity are all among the natural causes of air pollution.
- human: most pollution is the result of human activity. The biggest causes are the operation of fossil fuel-burning power plants and automobiles that combust fuel.



Air pollution effects

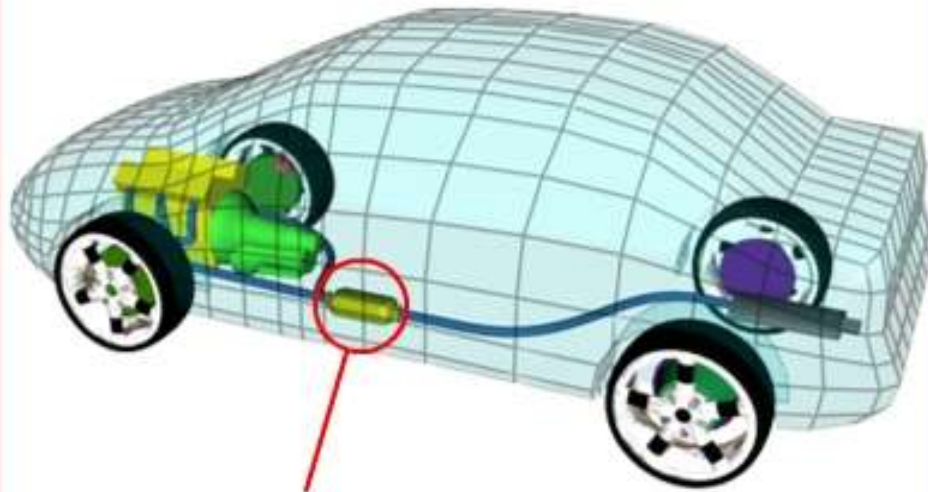
- Air pollutants such as ozone, nitrogen oxides, and sulfur dioxide also have harmful effects on natural ecosystems. They can kill plants and trees by destroying their leaves, and can kill animals, especially fish in highly polluted rivers.



Solution for air pollution

- People may try to restrict population growth, use less energy, improve energy efficiency, reduce waste, and move to non-polluting renewable forms of energy production. Also, automobile-produced pollution can be decreased with highly beneficial results.

How Catalytic Converters Work



Catalytic Converter

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