

Lecture 3

Contaminated environment

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Contaminated environment

The following is a list of the most important forms of pollution with pollutants for each of them:

Air pollution

The release of harmful chemicals and particles into the atmosphere causes air pollution.

Common gaseous air pollutants include:

- * carbon monoxide
- * sulfur dioxide
- * chlorofluorocarbons (CFCs)
- * nitrogen oxide produced by industry and released by automobile engines.

Air pollution here causes rainy days in what we call acid rain, a phenomenon that caught the eye after the great damage was caused to agriculture, animal and fish wealth according to the nature and food chain cycle, and according to the movement of air, pollution moves from one place to another, and from a geographical environment to another.

Sources and causes of pollution Air pollution comes from both natural and man-made sources. If it is man-made globally occurs from :

- * pollutants combustion, construction, mining, agriculture, and war.
- * Motor vehicle emissions are one of the main causes of air pollution.
- * China, the United States America, Russia, Mexico and Japan are of world leaders in air pollution and emissions.

Soil pollution

Some people define soil pollution as "corruption that affects the soil, changing its natural, chemical, or biological properties and properties, or altering its composition in a way that makes it affect negatively - directly or indirectly on people, animals and plants living on its surface.

Soil pollution occurs from:

- * chemicals that have been spilled or leaked under the ground.
- * hydrocarbons and heavy metals.
- * the soil may be contaminated as a result of acid rain on it.
- * a result of the fall of atomic dust resulting On the nuclear explosions caused by humans on the planet.
- * the soil may also be contaminated with agricultural pesticides.

Major sources of pollution stations include:

- * factories chemicals.
- * power generation coal-fired plants.
- * oil refineries petrochemical.
- * waste nuclear.
- * Incineration.
- * large poultry farms.
- * metal production factories.
- * PVC plastic factories and other heavy industries.