

Environmental pollution



WATER POLLUTION

Settlements. The most famous source of water pollution, which traditionally focuses on are domestic sewage.

Dissolved in the effluent are present soaps, synthetic detergents, disinfectants, bleaches and other household chemical substances. From apartment buildings supplied paper waste, including toilet paper and baby diapers, waste of plant and animal foods. On the streets in the rain and sewer drains meltwater, often with sand or salt used to accelerate the melting of snow and ice on the roadway streets and sidewalks.



Industry. In industrialized countries, the main consumer of water and the largest source of waste is industry. Industrial effluents into rivers by volume is 3 times higher than municipal . Because of the increasing amount of industrial waste disturbed the ecological balance of the many lakes and rivers , although most of the waste is non-toxic and is not fatal to humans.



Agriculture. The second major consumer of water is agriculture , use it for irrigation . Run-off of water saturated with salt solutions and soil particles and residues of chemicals that enhance productivity. They include insecticides ; fungicides sprayed on crops and orchards ; herbicides, famous means of weed control ; and other pesticides, and organic and inorganic fertilizers containing nitrogen, phosphorous, potassium and other chemicals



Soil pollution

Homes and municipal enterprises . As part of this pollutant source category is dominated by household waste , food waste, construction waste , etc. All of this is collected and landfilled . Burning garbage to the city dump accompanied by the release of toxic substances that are deposited on the surface of the soil and it is difficult washed off by rain .



Agriculture Soil contamination in agriculture is due to the introduction of huge amounts of mineral fertilizers and pesticides . It is known that the composition of certain pesticides contains mercury .



The desire of man to take from the soil more and more leads to inefficient use of land , and often - and the complete disappearance of their fertility. Excessive soil application of mineral fertilizers and chemical plant protection from weeds and pests lead to its contamination. It accumulates in the soil heavy metals (such as mercury) , the radioactive substances emitted by some industrial enterprises . From the soil , these toxic substances into living organisms that can cause them irreversible changes .

Air pollution

The main cause of air pollution is getting into his uncharacteristic physical, chemical and biological agents , as well as a change in their natural concentration . This is a result of both natural processes , as a result of human activity. And it was a man playing an increasingly important role in air pollution . The reason for much of the chemical and physical pollution is the burning of fossil fuels in the production of electrical energy and the motor vehicle .



One of the most toxic gases released into the atmosphere by human activity - ozone. Toxic and lead contained in the exhaust gases of vehicles . Among other hazardous pollutants - carbon monoxide, nitrogen oxides , and sulfur , as well as fine dust . Each year, as a result of human industrial activity (in power generation , cement , pig iron , etc.) into the atmosphere 170 million tons of dust .

