The impact of environmental problems on human health

In recent years, the number of patients with cancer or other serious infection has increased in Tbilisi and other cities and regions of Georgia. One of the reasons for this fact is the most difficult ecological situation in Georgia.

The ecology is one of the 21st century's global problem, as parallel to modern scientific and technological achievements gradually rises ecological problems.

Emissions of carbon monoxide only in the northern hemisphere are about 11-106 tons, aerosols (35-360) - 106 tons per year, ammonia - 12-106 tons per year.

Georgia, as well as many countries around the world.  
It is more acutely facing these problems. In general, about 20% of pollutants in the air falls into the forest fire.

Waste, pollution, and environmental waste waste and pollution are the main issues that the society has long been actively discussing.

To protect atmospheric air from pollution, it is important and important that our air contains more toxic substances than the norm defined by law. From the point of view of air pollution, most major cities of Georgia are allocated, the main reason is burning wood, exhaust gases from cars and large enterprises.

One of the main causes of ecological threats are the damage caused by trees, exhaust and smoke. As it is known, the share of the vehicle is 62-78% of the country's total emission. Allocation of pollutants promotes both the technical problems of the car and the low quality of fuel. The share of motor vehicles increased by 97% of total pollution.

The intensity of exposure to atmospheric air of harmful substances on motor vehicles increases in parallel with their movement. At the same time, it should be noted that a significant problem is the contamination of the atmosphere by lead.

Lead is collected in bone cells, and vitamin D inhibits calcium metabolism in children. The volume content in the city's atmospheric air is associated with the use of ethylene gasoline. It contains tetraethylate as an antidote. Tetralium is formed by inorganic compounds that lead to exhaust gas in the air.

An increase in the lead content leads to changes in the bone marrow and genetic apparatus. Undoubtedly, the fact that excess concentrations of heavy metals cause and cause cancers.

It is important to note that contaminated environment and air are directly reflected on the health of the population. Exhaust, dead and smoky are one of the reasons for the emergence of free radicals in the human body. Contaminated air and water, products containing chemical substances and pesticides, different types of radiation - all these factor contributes to the formation of radicals in human organs and tissues that cause the cause of many diseases in the human body.

Diseases caused by free radicals are: Alzheimer's disease; The formation of wrinkles and age spots; Inflammatory changes of funds; Diseases of the heart and blood vessels; Weakening of skeletal muscles; Loss of skin elasticity Decrease vision and hearing; Mental disorders, cancer, tumor diseases, disease of felicitis, depression, cataracts, asthma, varicose veins of the veins, atherosclerosis, Parkinson's disease. Accordingly, one of the main reasons for cancer, chronic and chronic diseases in Tbilisi is air pollution.

The Clean Air Revival Corporation website reports that according to the US Environmental Protection Administration specialists, fire-burning wooden smoke contains 12 times more concentraconic substances than tobacco smoke.

In the mainland of Georgia the air is particularly smoky, it is a mixture of smoke, fog and dust that is produced from the factory and transport emissions. The main reason for this is the overloaded roads of the existing cars and chaotic construction, besides cutting and destroying green cover, trees.

The chlorophyll grain in the leaves of the leaves absorbs the carbon dioxide and then emits oxygen. In summer, in natural conditions, any small tree tree will be able to cope with the number of oxygen that four people breathe during the day. It is known that one-hectare planting within an hour absorbs approximately 8 liters of carbon dioxide and then allocates oxygen to 30 people. Trees are also beneficial, they are cleansing the surface of the mother surface up to 45 meter.

According to the study published in the journal Atmospheric Environment, live shrubs and shrubs are contaminated in cities where there are many storied buildings, where the trees are better cleaned and cleaned.

The role of living nature is not appropriately evaluated in air cleaning of cities. According to Professor Kuumar, live green (green) wall is good because they will clean the air at the exhaust pipe level.

A full-fledged (green) wall can be grown in 2 years.

There are many other species of trees that are used for planting greenery. Tree leaves are actively applied to dust particles, especially to reduce concentration of harmful emissions and gases in the air. Keep the dust of the tail and lilac leaves (better on the **Poplar**). During the summer, 400 young alpine trees occupy approximately 340 kg. Dust, and telesus tree 6 times more. Acacia has a similar feature.

The chestnut tree cleans the air from the exhaust, the **Poplar**- absorbs the carbon dioxide and emits oxygen. Twenty-five years of alpine tree emits 7 times more oxygen than a fir tree and with a degrading degree - it is almost ten times that. Instead of seven spruce to clean the air, one can plant 1 alpine tree, which in any case will better capture dust particles.

In order to solve the problem, "green cover" will be planted in "troubled areas", trees, bushes and flowers, which absorb more carbon dioxide and emit more oxygen.

Trees and shrubs, which are planted in dusty streets, must endure a strong attack of civilization. Plants are not only on the visual side, but in hot days during hot days, they are fed by air at 2-3 ° C, they are rich in oxygen.

Improvement of atmospheric air in Tbilisi as a result of implementation of the project is reflected in the ecological situation of the capital, namely:

- Composition of carbon dioxide, lead and other toxic and poisonous substances in the atmosphere will be reduced;

-Shrink number of tumors, oncological and other chronic diseases caused by the death and smoke of the health and the chronic diseases of the population will be reduced in children and in the children;

-the ecological situation will improve;

- Planted trees, shrubs and flowers will add beauty to the capital, which positively reflects the health and psychological conditions of the local population;

- The level of awareness of the population will be increased in relation to their own health care;

- The tourism potential of the capital will be elevated as an ecologically pure city, which will bring additional economic benefits to both the city and the population.