



# The Peerian Journal

Open Access | Peer Reviewed

Volume 6, May, 2022.

Website: [www.peerianjournal.com](http://www.peerianjournal.com)

ISSN (E): 2788-0303

Email: [editor@peerianjournal.com](mailto:editor@peerianjournal.com)

## The Problem of Environmental Protection

**Uteniazova Naubakhar Amanbayevna**

Master student, Karakalpak State University Named After Berdakh

**Abstract:** The article deals with the problem of environmental protection. Pollution has a negative impact not only on the environment, but in some cases significantly affects the operation of technical equipment.

**Keyword's:** ecology, atmosphere, science, anthropogenic factors, earth, ecological research, environment

The biosphere, according to the definition of academician V.I. Vernadsky, is the area of distribution of life on Earth, which includes the upper part of the earth's crust, water, rivers, lakes, reservoirs, seas and oceans, the lower part of the atmosphere (troposphere) inhabited by organisms. The biosphere (environment) is an equilibrium system in which the processes of metabolism and energy occur mainly due to the vital activity of organisms. Anthropogenic pollution of the biosphere (pollution caused by human activity) was smoothed out by the processes taking place in the biosphere until a certain period, but in recent decades the scale of human transformation has increased immeasurably and reached the global level. The biosphere is gradually being destroyed - the atmosphere and water bodies are being poisoned, fauna and flora are being destroyed. The problem is compounded by the population explosion, manifested in the exponential growth of the world's population, as well as its urbanization.

Pollution of the atmosphere, marine areas and freshwater reservoirs, disturbance of the soil cover and valuable landscapes, depletion of water and forest resources in a number of areas, and a decrease in the number of animals. The atmosphere in many parts of the world is increasingly polluted with sulfur and nitrogen oxides, carbon monoxide, and dust particles. Oil, wastes of oil products, chemical industry and other industries continuously enter reservoirs and rivers. The soil cover is filled with various pesticides, clogged with industrial waste, garbage.

The problem of environmental protection is one of the most important tasks of our time. Emissions from industrial enterprises, energy systems and transport into the atmosphere, water bodies and subsoil at the present stage of development have reached such proportions that in a number of areas of the globe, especially in large industrial centers, pollution levels significantly exceed the permissible sanitary standards. Many developed in the second half of the twentieth century. technological processes and the emergence of new types of products, especially in the chemical industry, have led not only to an increase in the amount of pollution, but also to a significant increase in the number of toxic impurities entering the environment. Statistics show that a person spends about 30% of his time in a working environment, 60% in an indoor living environment, and only 10% in an outdoor environment. However, this does not mean that the harmful substances contained in the atmosphere have a short-term effect on the human body. In cities, there is a very definite relationship between the content of gaseous pollution and dust in the outdoor air and the air of living quarters of modern city apartments. In the summer period of the



# The Peerian Journal

Open Access | Peer Reviewed

Volume 6, May, 2022.

Website: [www.peerianjournal.com](http://www.peerianjournal.com)

ISSN (E): 2788-0303

Email: [editor@peerianjournal.com](mailto:editor@peerianjournal.com)

year, at an average outdoor temperature of 20°C, about 90% of the chemicals of the outdoor air penetrate into the living quarters, and in the transitional period (at  $t = 2.50^{\circ}\text{C}$ ) - 40%.

Harmful emissions from industrial enterprises and other sources of pollution have a negative impact not only on the environment, but in some cases also significantly affect the operation of technical equipment.

When considering a set of issues related to environmental protection, the adverse effects of noise, infrasound and vibrations on human life are often forgotten. In cities, industrial and traffic noise, household appliances, etc. create a strong sound attack on the human body.

Ecology deals with the development of the environment - a science that studies the conditions for the existence of living beings and their relationship with the environment. The main subject of study in ecology is the impact of man on nature. Environmental studies conducted in recent decades in many countries of the world have shown that the ever-increasing destructive impact of anthropogenic factors on the environment has brought it to the brink of crisis.

The fundamental solution to the problem of protecting the environment from emissions from industrial enterprises is to create closed technological cycles (non-waste systems). However, their development and implementation require new technological and design solutions, as well as large investments.

The problem of environmental protection is global in nature and must be addressed in relation to a particular enterprise or production cycle, individual cities and industrial centers, regions, the entire territory of the country and the entire globe.

## Used literature

1. Vernadsky V.I. The chemical structure of the biosphere and its environment. - M.: Science 1965 "
2. Duvigno P., Tang M. The biosphere and the human place in it (ecological systems and the biosphere). - M.: Progress, 1973.
3. E.K. Fedorov "Ecological crisis and social progress" Gidrometeoizdat 1977
4. N.N. Rodzevich, K.V. Pashkang "Protection and transformation of nature" Moscow education 1986
5. S.V. Belova "Environmental Protection" Moscow "Higher School" 1983
6. R.Khakkulova, P.Baratov "Atrophic mukhitni muhofaza kilish-umumkhalk ishi" Tashkent shakhri 1979
7. A.Bakhiev "Ecology of Tiykarlary" Nukus Shakhri 1994