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BIOTIC AND ANTHROPOGENIC FACTORS.ECOLOGICAL SYSTEMS

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INTRODUCTION

The environment is an ecological concept, consisting of complex natural elements and events. In this environment, living organisms interact with them directly and indirectly. Environment-the jamiki surrounding organisms are natural environmental factors (air, light, soil, etc.q.).

The elements of the environment affect the state of organisms, growth, development, reproduction, distribution as a direct or other secondary factor. The environment of each organism is made up of many organic and inorganic elements, as well as artificial elements arising from human activity. While one element of the environment is necessary for a certain organism, it does not matter to him whether the other has it or not. And the third element in the environment can be harmful to organism.

The specifics of the environment remained unchanged even during long periods of evolution development. These include erninng gravity, radiation from the sun, salt content in ocean waters, and atmospheric composition. Factors of the environment such as movement, humidity, wind, feed, predators, parasites, competition vary both in time and in space, and there is no stagnation in the factors of the environment shown. For example, the temperature on the surface of the Earth fluctuates during the seasons, even during the day, but in deep areas of the ocean, in caves, the temperature is constant. While parasites found in plants, animals, and humans live in the abundant and constant environment of the diet, prey for Prey will be alien and it will depend on the small number of prey.

At a later time, the term "external environment" is also being used in Ecology. The external environment is the sum of natural strength and reality, its substances, energy, distribution, various objective and subjective aspects of human activity, some of which may also not be in contact with each other.

The term environment is precisely the concept of the external environment and is directly worthy of an object or subject. The concept of the environment is defined by the biologist scientist Ya. Yaksol (1864-1944) described ecology and it as follows: "the outside world", which surrounds living organisms, influencing them through sensory organs, animal organs of movement, causing the origin of special peculiarities. Each subject provides its own vitality by forming a complex web, which is connected by one or another property of the external mhit, such as the fibers of the spider web.

While the concept of" environment " in English (environment) was diluted in the 60s of the last century, in German (umewelt) only began to spread the most in the following years. In Russian, the concept of "external elements" was introduced by the Russian evolutionist scientist K.F. Rule (1814-1858).

A concept in the broad sense that directly surrounds organisms is the living environment (condition) – the place where the organism grows and reproduces, influenced by the sum of abiotic and biotic factors of some organism or biocenosis. For example, in grasslands, in the ecology there, four living environments are distinguished:

-Water;
-Soil;
-earth-air;

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-body of living organisms.

We take different types of plants that bloom in different fog colors, their appearance and smell, the bees that grow inside the plants. Some animal sensory organs are so strong that they perceive the smell, sound and other natural states that humans cannot perceive.

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