



# THE PERSON AND THE NATURE

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- ▣ The person – the child of the nature. Probably, the nature is that God who is searched by the despaired people. And really, whether it is necessary to address to religion or mysticism for true search? Whether in that true, what we are children of the nature, and simultaneously its murderers? After all the nature is rich with minerals, water resources? Natural soils, vegetation and fauna products. No, we not murderers, and for this reason wildlife management: preservation, transformation, reasonable use of riches and restoration lost – is the major problem of our time. In the world many organizations struggling with environmental contamination are created. At us in Uzbekistan, except foreign organizations "Green Peaces" and BBΦ (the Fund of the Wild Nature), exists also the, domestic organizations – "Ekosan", "GosKomPriroda" who also struggle for preservation of pure air, the rivers, mountains and lakes in our country. But forces only enthusiasts not to rescue the nature from pollution because it is less than them, than those who it, without reflecting, pollutes.

С ВЯСОТЪН ПРЪХОДЪНЪ ПАВЛОВЕЦКЕ



- Evgenie Bazarov which lips Turgenev has expressed thought of a certain part of a society that «the nature not a temple, and a workshop, and the person in it the worker», and doctor Astrov, one of heroes of the play of Chekhov "Uncle Vanja" who is putting and growing up woods, thinking of how our earth is fine, - here two poles in statement and a solution of a problem «the Person and the nature». The perishing Aral sea and Chernobyl, the polluted Baikal and the drying up rivers attacking the fertile earths, deserts and the dreadful diseases which have appeared only in the twentieth century, - here only few "fruits" of human hands. And such as Astrov is, not enough, to stop destroying activity of the person.



















- ▣ You know set of examples of positive and negative consequences of activity of the person in biosphere. Now the mankind is in the face of global problems on which decision existence of a human society on the Earth depends.

The food problem has arisen in connection with fast growth of population of the Earth.

Annually the globe population increases by 2 %, that is every minute in the world 150 persons are born nearby.



From our planet's point of view,  
there's no throwing garbage out.  
Because there is no "out".

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- ▣ The population of the Earth needs foodstuff. In this connection the area of agricultural grounds, and first of all arable lands increases. The earth's Rospahannost in the separate countries fluctuates from 1-4 to 30-70 %. Now agricultural grounds occupy 10-12 % of the area of a land. The area of agricultural grounds can't be increased indefinitely, therefore the leading role in the food problem decision belongs to an agriculture intensification, more to an effective utilization of agricultural grounds. The important role in the decision of this problem is taken away to deducing of highly productive breeds and grades.

Problem of an exhaustion of natural resources.

Consumption of natural resources grows fast rates. If in 1913 on the average on each inhabitant of our planet it was necessary 4,9 т various natural resources, in 1940 - 7,4 т, in 1960 - 14,3 т by 2000 their quantity will reach 45 т on the person.





- ▣ For the needs the mankind uses 13 % of a river drain, from terrestrial bowels is annually extracted nearby 100 млрд т minerals. Electric power manufacture doubles about each 10 years.

As a result there is a problem of a lack of mineral resources and an energy crisis in connection with an exhaustion of world's reserves of oil and gas.

For protection of irreplaceable mineral resources it is necessary to improve ways of their extraction more full (in terrestrial layers at modern ways of extraction there are 25 % of ores black and nonferrous metals, 50-60 % of oil, 40 % of coal) to take from ores all elements containing in them to use minerals only for the designated purpose. For the decision of a power problem it is necessary to use more widely wind power, the Sun, inflow .

As to biological resources (plants, animal) their extraction should be organized so that in the nature always there was a necessary quantity of individuals for restoration of initial number of populations.





- Environmental contamination from liquid and gaseous pollutants leads to a change in their physical and chemical properties that adversely influences organisms. Distinguish physical (thermal, noise, light, electromagnetic, etc.), chemical and biological (an introduction into natural communities of uncharacteristic species for them which worsens living conditions of inhabitants of the given community) pollution.

For the solution of this problem treatment facilities are created, low-waste and technologies without waste take root, interdictions for import and moving into communities of uncharacteristic species for them are established.

Problem of preservation of a biodiversity, gene fund of a plant and animal life. The major problem facing mankind, - preservation of all variety of organisms on the Earth. All species are closely interconnected, therefore destruction of one species leads to disappearance of the species connected with it.











- ▣ For the purpose of preservation of all variety of kinds of plants and animals measures on restoration of number of separate kinds are applied. For this purpose rare and vanishing species are brought in the Red book, the craft of animals or gathering of wild-growing plants is forbidden. The important role in biodiversity preservation belongs to reserves, wildlife preserves, national parks, botanical gardens, zoos where biological features of organisms are studied, their number is restored.

Biodiversity preservation is promoted by restoration of natural communities in those territories where they have disappeared because of the person. So, on a place of the former woods are spent, pastures are restored, in deserts sand by landing of plants are fixed.

Desertification of the earths occurs under the influence of activity of the person. One of the desertification reasons – an unlimited pasture of cattle. For example, sheep during a pasture destroy all vegetation which fixed sand the roots. As a result under the influence of a wind they start to move, increasing the desert area, falling asleep the fertile earths. For fastening of sand it is necessary to spend works on restoration of a vegetative cover.

# The list of references

- ▣ The school encyclopedia
- ▣ <http://www.agrojour.ru>
- ▣ <http://www.litra.ru>



- ▣ Thanks for attention!!!