

ANALYSIS OF ECOLOGICAL SITUATION IVANO-FRANCOVSK REGION

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On territory of region which occupies 2,4% (1,398,000 km²) areas of Ukraine formed 8,6% general volume of waters in the rivers of Ukraine, 6,3% areas of earths of forest fund (636 thousands of hectare) of the state are concentrated and 9% general supply of wood. In an area there are 224 deposits 26 types of minerals (oil, gas, potassium salts, build materials but other), over 300 sources of mineral waters.

In an area there are a lot of original and unique natural complexes with the various flora and fauna. The cedar-spruce and pine-tree forests in a natural reservation „Gorgany” are stored.

General it amount 457 naturally protected territories by an area 196,000 hectare (14 of region).

At the same time in the region over 500 industrial enterprises of power, oil, gas, woodworking and other chemical industries are placed. Over 4% territories busy oil pipes, more than 2000 mining holes are bored for the booty of oil and gas, 134 cleansing buildings, 30 large industrial factories such as Potassium factory Burshtyn Electric Power Station and other

These objects stipulate the certain technogenic loading on an environment. On territory of area 4 naturally territorial complexes were formed with the different degree of anthropogenisation:

- industrially city (Ivano-Francovsk, Kalush, Burshtyn, Nadvirna, Kolomyja);
 - industrially oil-mining (Dolina, Rozhnyatyn, Pasichna, Bitkivsk);
- Ecological problems in these complexes are related to the extras and up casts of contaminants in atmospheric air and water objects.
- agricultural (Rogatynsko-Galycki, Tlumachsko-Sniatynskiy) – ecological problems are related to degradation of earths.
 - forest industry (Verkhovinskiy, Osmolodskiy, Vigodskiy, Bolekhivskiy, Solotvinskiy, Vorokhtyanskiy).

To the territories with the most difficult ecological situation belong Galichina (Burshtinska EPS), Kalush (society „Oriana”, joint-stock company „Lukor”), Nadvirnyanskogo (society „Naftokhimik of Prikarpatya”) and Tismenickogo (society „Ivano-frankivskcement”, society „Tismenicya”) districts.

One of the basic ecological problems is the contamination of atmospheric air, superficial and underground waters, and soils.

After the index of extras on 1 apt. km (15 t\km²), the Ivano-Francovsk area occupies a 5 place among the areas of Ukraine which testifies to considerable contamination of atmospheric air. Exceeding of GDK is fixed on the oxide of carbon, nitric, dust oxide, which are utilized enterprises, which are placed in cities and from

the extras of motor transport Basic soil are Burshtinska EPS (80% extras are from the stationary sources of area), VAT of „Ivano-Frankivskcement”, society „Naftokhimik of Pre Carpathian”.

Sharp is a problem of contamination of natural waters, development of erosive processes which are investigation on slopes more than 5%, to absence of the system of anti erosions measures on agricultural lands. To promote fertility of soils utilize the method of mulching, as soils mainly wet, it can be an effective anti erosion measure. From mineral fertilizers in the first turn give advantage phosphoric and potassium, and also at their bringing pay a regard to diminishing of sour reaction of soils of Pre Carpathian liming theoretical bases of which till this time stay not enough studied. Hydrolysis acidity of brown forest soils is predetermined eaten up cation of hydrogen. Amount of reverse waters which brush off in the water objects of area in 2007 year makes 862,000,000 m³. Comparatively with a previous year the amount of down faulted in the reservoirs of the not enough cleared flow waters diminished on 4 million m³, due to the improvement of work of cleansing buildings on KP „Ivanofrankivsk vodoekotekhprom”.

The accumulation of industrial and domestic waists is conditioned absence of the system of utilization of industrial waists, by insufficient attention to this problem of organs of executive power and local self-government. The basic creators of waists is Burshtinska EPS is an ash, slag, it was one of most powerful in Ukraine (2,4 millions kW), the first block gave electric power in 1965 year, and in 1969 it is brought into an action all 12 power units; society „ATP-0928”- is hard domestic offcuts; a most chemical industrial complex „Oriana ltd” throws out hexachlorbenzol; society „Naftokhimik of Prikarpatyya” – waist of cleansing buildings, lees reservoirs; society „Ivano-frankivskcement”- is hard azbest-cement waists. But exist also and subjects of entrepreneurial activity of, which carry out collection, purveyance of separate waists as the second raw material.

We, estimating an ecological situation which was folded now in the Ivano-Francovsk area, consider a necessity to offer such nature protection measures.

1. To inculcate the system of integral management natural resources on pool principle.
2. To complete forming of regional ecological network and optimization of structure of the naturally protected territories, objects.
3. To inculcate the system of separate collection of hard domestic offcuts and processing of utility waste.
4. To provide development of charts of organization of the the use of land of territories of village soviets and their stage-by-stage realization.
5. To provide defuzing of useless for the use pesticides.
6. Jointly with the organs of executive power and local self-government to provide the proper guard of forest resources.