TRASEKA AND THE ECOLOGY OF AZERBAIJAN (THE SILK ROAD)

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During 70 years of governing of the Soviet Union, the Absheron’s land (in Azerbaijan Republic) was exposed to very serious ecological danger. In this period of the intensive development of the oilfield, the 7457 hectares of the land of good quality only in the Absheron peninsula become the Death land.

In 1989, the 925,000 ton of the poisonous substances were threw out to the atmosphere of Azerbaijan, and 70 million cubic metre of the waste products were threw out to the expanse of water. Taking into account that the Silk Route of XXI century will be used by many Asian and European countries, the figures mentioned above will be increased to several tens times. With the connivance as during the 70 years and without the scientific methods of the combating for ecology, the city Baku with its millionth population and the Caspian region will be exposed to the same cruel ecological blow.

For the cleaning of the Absheron’s land and the Caspian basin from the oil waste products, we have carried out the research work in our Department of Physical Chemistry of the Baku State University. It was established that the 300-400 kg of the oil products could be obtained from 1 ton of soiled land, and this, in accordance with the economical cost price, exceed the extraction of oil in the Caspian Sea. The land freed from the oil products is suitable for agriculture. This is one of the methods of cleaning and restoration of the ecology of Absheron.

It is necessary to forecast the accidental and systematic mistakes in connection with which the ecological catastrophe can happened (you may remember the Aral, Chernobil, etc). We consider the following as necessary:
1) the ecological cartography of industrial institutions;
2) the creation of technology for the cleaning and prevention of ecosystem of the Republic;
3) the creation of the second industrial for processing the waste products, either the industrial or the domestic;
4) in connection with the Contract of Centry and the restoration of the Silk Route, to strengthen and crate again the Ecological Scientific Centre on elaboration of research works on ecology.