

ECOLOGICAL PROBLEMS OF ENGINEERING

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The problem under consideration is engineering environmental hazards. Everybody should know about ecological problems. Biosphere of the Earth is exposed now to negative influence, which is caused by technical progress.

It's possible to allocate some main processes worsening the ecological situation on the planet, otherwise we will get such problems as:

- chemical pollution of atmosphere;
- chemical pollution of hydrosphere;
- acid pollution of soil.

The main sources of chemicals in the atmosphere are thermal power stations which together with smoke throw out sulphurous and carbonic gas into the air and also metallurgical enterprises and chemical plants.

Basic sources of pollution of hydrosphere are the enterprises of food-processing industry and agriculture. Considerable volume of organic substances is dumped into the rivers together with industrial and household drains.

One of the sharpest global problems is a problem of acid rains. They are the result of the economic activity of people, accompanied with the emission of oxides of sulphure, nitrogen and carbon. The main source of acid rains is a burning of slates, oil, coals and in the factories.

So, as a conclusion, it should be said that mechanical engineering is the main source of probable poisonous chemical compounds which put an irreparable harm to the ecology of the Earth and destroy the biosphere.