

**МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
СУМСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ
ФАКУЛЬТЕТ ІНОЗЕМНОЇ ФІЛОЛОГІЇ
ТА СОЦІАЛЬНИХ КОМУНІКАЦІЙ**



**СОЦІАЛЬНО-ГУМАНІТАРНІ
АСПЕКТИ РОЗВИТКУ СУЧАСНОГО
СУСПІЛЬСТВА**

**МАТЕРІАЛИ V ВСЕУКРАЇНСЬКОЇ НАУКОВОЇ КОНФЕРЕНЦІЇ СТУДЕНТІВ,
АСПРАНТІВ, ВИКЛАДАЧІВ ТА СПІВРОБІТНИКІВ**

(Суми, 20-21 квітня 2017 року)

**Суми
2017**

Every day a big number of animals disappear. People kill animals for different aims. For example people hunt whales for their meat and oil; elephants for their tusks, crocodiles for their leather and so on. And also animals are used for medical experiments. Monkeys are the most widespread from such animals. Modern life is bad for animals, birds, fishes. The air isn't fresh and the water isn't pure. Animals don't have good meal and facilities for the life. You can find their names in the Red Book.

The planet Earth is only a tiny part of the universe, but it's the only place where human beings can live. Today, our planet is in serious danger. Acid rains, global warming, air and water pollution, overpopulation are the problems that threaten human life on Earth.

WORLD PROBLEMS OF ECOLOGY

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Until recently the planet was a large world in which human activities and the nature were in balance. Acid rain, global warming, ozone reduction, widespread desertification and species loss: we have to face them now. Ecology and economy are very closely connected.

Many industries produce waste products, which can be difficult or dangerous to dispose of. Many countries have no storage facilities for the spent nuclear fuel.

Stepping glaciers, volcanoes, the formation of mountains, floods - all terrestrial natural factors. They seem natural to our dynamic planet. On average each year in the world there is a catastrophic earthquake, 18 strong, average and about 120 million of weak shocks.

Greenhouse effect. The climate on our planet changed periodically in the past. For thousands and millions of years, alternating periods of significant cooling and even icing with warm eras. Now scientists are very concerned about, like the fact that the Earth is warming much faster than it was at any time in the past. This caused a sharp increase in the content of carbon dioxide in the atmosphere. In the Earth's atmosphere of carbon dioxide acts like the glass in a greenhouse: sunlight passes, but retains warmth of the sun heated the earth. This causes heating of the planet, known as the greenhouse effect. Ten million tons of oil, industrial waste, chemicals are pumped into the sea every year. The Mediterranean Sea has one of the dirtiest coastlines in the world. The Rhone in France, the Po in

Italy, the Ebro in Spain and the Nile in Egypt carry pesticides and chemical wastes. It causes diseases like typhoid, dysentery, hepatitis and cholera.

The time has come for the governments and their people to take responsibility for the policies that cause the environmental damage.

HOW TO STOP WATER POLLUTION

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Water pollution is one of the biggest threats to the environment today. The impact of water pollution on wildlife and their natural habitat can be immense. Human activity is destroying our oceans and the life that it contains. While some pollution occurs directly in or at the edge of the ocean from ships and coastal communities, a majority of it comes from land and air pollution that may occur miles and miles away. The biggest causes of ocean pollution include:

- Oil spills and leaks;
- Agricultural runoff and pesticides;
- Industrial waste;
- Air pollution and acid rain;
- Sewage and sludge.

The best solution for water pollution is prevention. There are several steps that can be taken to help prevent water pollution from getting worse:

- Conserve soil;
- Dispose of toxic chemicals properly;
- Clean up beaches and waterways;
- Avoid plastics when possible;
- Not to litter;
- Recycle.

Water pollution solutions may seem too little, too late when viewed in the light of major oil spills and floating plastic bag islands. It's necessary to prevent these problems from growing worse. Simply slowing down the rate of pollution can give the environment and scientists time to find long-term solutions to real problems of water pollution. If you do your part to prevent pollution in your area, you'll help to protect water for both yourself and everything.