

# GLOBAL ISSUES



# PLAN

- Introduction

- The main problems of ecology:

- air pollution

- water pollution

- acid rains

- global warming

- climate change

- ozone layer depletion

- deforestation

- the problem of biological variety

- Conclusion

# INTRODUCTION

Our planet Earth is only a tiny part of the universe, but nowadays it's the only place where we can live. People have lived on our planet for many years. They lived and live on different continents, in different countries. People depend on their planet, the sun, animals and plants around them. Environment is everything in the world around us that surround and affects all life on earth, including the air, food, water, plants, animals and other. Since ancient time nature has served man, being the source of his life. For thousands of years people lived in harmony with environment and it seemed to them that natural riches were unlimited. But man's interference in nature began to increase with the development of civilization. Our ecology becomes worse and worse with every new day.



# AIR POLLUTION

Air pollution is a community problem. Cars, trucks, buses and airplanes are the worst polluters. They send partly burned gases into the air. Air can be also polluted by smoke and gases from factories. Dirt, smoke, and gases in the air may be carried away by wind and by air currents, or settle over as a blanket of smog.



# WATER POLLUTION

Water pollution Water pollution is caused by dumping wastes into lakes, rivers, and other bodies of water. Harmful wastes may also get into the soil or drain off fields that have been sprayed with pesticides. Pesticides are often used to kill insects and weeds in cities or on farms. Polluted water can spread many diseases.



# ACID RAINS

Acid rain falls when poisonous gases from power stations and vehicles mix with oxygen and moisture in the air. Acid rain poisons or kills wildlife in lakes, rivers, and forests, and damages the surrounding plant life. The problem could be controlled by reducing vehicle emissions and limiting the gases released from power stations.



# GLOBAL WARMING

Global warming is the result of human activity. It is characterized by rising temperatures of the oceans and earth's surface causing rise in sea levels and melting of polar ice cover. Apart from that, floods, desertification and excessive snow are also signs of global warming.



# CLIMATE CHANGE

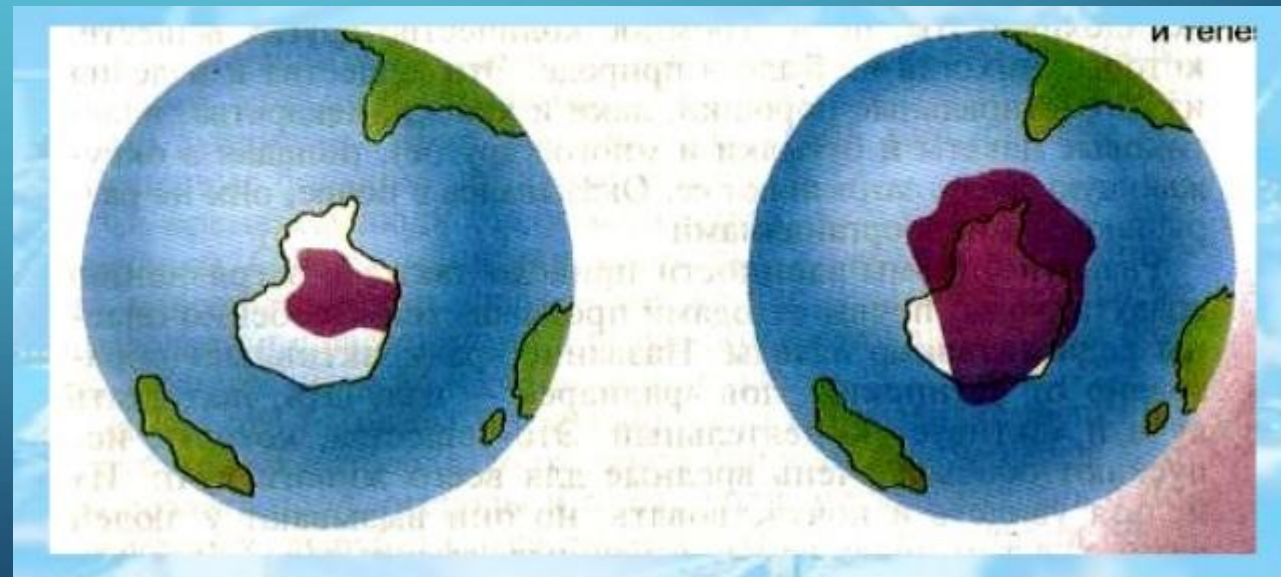
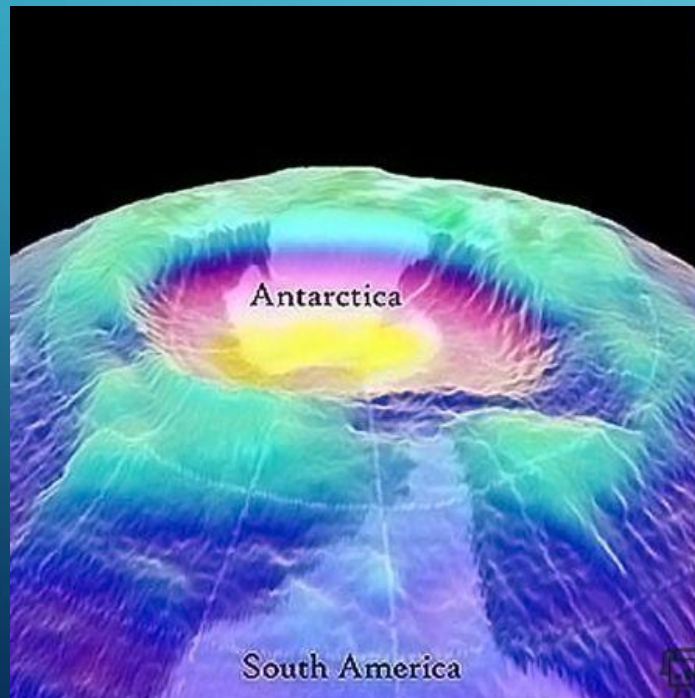
Global warming causes the rise of another serious problem, known as climate change. Climate change can lead to the development of other harmful effects in our life, such as occurrence of new diseases and change in seasons.





# OZONE LAYER DEPLETION

Ozone layer protects our planet from the sun's harmful rays. Due to atmospheric emissions of the so-called CFC's, the ozone layer depletes. This results in occurrence of the holes in the ozone layer. Today CFC's are banned in many industries. However, we must remember that if this problem is not taken under control, harmful rays of the sun will easily penetrate the atmosphere.



# DEFORESTATION

Our forests are disappearing because they are cut down or burnt. People clear out new territories for residential buildings, new plants and factories. We must realize that deforestation causes the extinction of animals and plants.



# THE PROBLEM OF BIOLOGICAL VARIETY

Every ten minutes one kind of animals, plants or insect dies out forever. If nothing is done about it, one million species that are alive today may soon become extinct.

Animals from Red Book. WE MUST SAVE THEM!



# CONCLUSION

Ways of solving ecological problems:

- planting trees
- create parks for endangered animals
- recycle our wastes
- persuade enterprises to stop polluting activities