

## Modern geocological problems and their prevention

**Alimjonova Dilyora Kabir qizi**

**National Guard of the Republic of Uzbekistan**

**Academic Lyceum of Military Music Natural Sciences**

**direction head of the department**

**Geography teacher**

**Abstract:** Modern geocological problems and the importance of their prevention is an important term for modern societies. These problems arise as a result of human activities and changes in nature and have a harmful effect on the ecological environment. These problems require more specific views, including economic, environmental, social and political. To deal with modern geocological problems, it is necessary to carry out scientific research, collect and analyze data, and use new technologies.

**Key words:** environmental problems, geocology, anthropogenic factor, man-made problems, erosion, suffosis, Karst,

**Introduction:** Modern geocological problems, i.e. environmental problems of today's world, need to be ensured for growth due to several reasons.

The first reason is the large growth of bevol and the impact of its activities on ecology. The large population growth, industrialization and development in the construction sector, the increase in the number of vehicles and the use of energy resources harm the environment.

The second reason is climate change. It is clear that climate change is strengthening the society of the world and the material and educational needs of this society are growing. This has a strong impact on natural resources.

The third reason is that the states are not actively involved in the preservation of the natural environment. In many countries, environmental rights have disappeared or are very little enforced. This leads to problems related to the purity of natural resources and their efficient use.

To avoid these problems, the following methods are recommended:

1. Adopt policies that are integrated with the efficient use of natural resources.
2. Monitor environmental impact.
3. Distribution and contrast of movement information.
4. Develop innovative technologies that reduce environmental impacts.
5. Develop an educational system to strengthen society in environmental knowledge.

Through these methods, you will face and prevent modern geocological problems.

**Main part:** Modern geocological problems are one of the most important problems that have taken place in many countries in the world. These problems, in turn, are divided into two parts: the first one is devoted to the damage of natural resources and ecosystems, and the second one is devoted to environmental problems and dangerous events caused by human activity.

The following measures are recommended to prevent these types:

1. Strengthening the legal and institutional system to ensure the rational and efficient use of natural resources.
2. Creating programs that seek to develop ecological knowledge and implement it in practice.
3. Development of information technologies for the exchange of environmental information.
4. Strengthen inter-group cooperation to minimize damage of human activities to ecosystems.
5. Development of methods for monitoring and determining the current ecological situation through ecological models.

These measures can be enriched in processes that increase the initial result on an effective scale.

Modern geocological problems, that is, environmental problems caused by the impact of natural life and human activities, are one of the biggest problems of the world today. These problems are multifaceted and can be continuously transferred to other types of world society. First, economic activities occupy a large place in the

middle of human activities. Technological and industrial development, high level of use of natural resources and the environment increase the need for substances harmful to the world. This increases the hypocarbon pressure on the atmosphere, depleting water resources and harming biodiversity.

In addition, climate change is one of the main causes of modern geocological problems. Due to the increasing emission of gases harmful to the atmosphere, global warming is increasing and natural phenomena are intensifying. This results in drastic changes in nature and the disruption of ecosystems that are being blocked by conflicts.

In order to prevent these problems, it is necessary to apply all the experiences of each of us. Global participation is required to ensure environmental security everywhere, from the family level to the national level. Conservation of nature, rationalization of water resources, environmental protection and social protection are among the most important tasks in preventing modern geocological problems.

That's why we work independently as individuals and respect nature. At the same time, we implement the terms of the right to store and use it. Through such actions, we may have the opportunity to create a world that prevents today's geocological problems.

**Conclusion .** Contemporary geocological problems are wide-ranging and multifaceted. To prevent them, the following conclusions and suggestions are included:

1. Cooperation and working together: In order to prevent geo-ecological problems, it is necessary for countries, enterprises and community organizations to cooperate. Through jointly developed strategies and projects, solutions to problems can be found.

2. Balance and kinship: Contemporary geocological problems are changing. Therefore, it is important to maintain balance and increase compatibility. It helps to draw attention to the issue, create ecological models and expand energy conservation.

3. Student and scientific research: In order to find solutions to geocological problems, scientific research should be performed by students and scientific researchers within the framework of new innovative technologies and solutions.

4. Development in the field of industry: solutions to modern geoeological problems can be found using innovative solutions and technologies in the field of industry. Small businesses are also successful.

5. Ecological models and policies: Ecological models should be created by the states, and investments in eco-technologies should be increased.

6. Development of communication networks: Communication networks will be the main tool to prevent modern geo-ecological problems. It is necessary to create manuals that fulfill the task by sharing information.

If these proposals are implemented, it will be possible to find a solution to modern geoeological problems. If this process is carried out in cooperation with countries, enterprises and social organizations, the protection of the world ecosystem will be ensured.

#### **References :**

1. "Geoecology" - AM Nikiforov
2. "Environmental problems and their modern solutions" - AA Morozov
3. "Nature conservation and ecology" - AS Murodov
4. "Geoecological problems and methods of solving them in international cooperation" - O. Toshmatov
5. "Ecological safety: theory and practice" - B. Abdurakhmanova