

PROSPECTS FOR THE DEVELOPMENT OF HIGHER EDUCATION IN GEODESY AND LAND MANAGEMENT IN UKRAINE IN THE INTERESTS OF CLIMATE SERVICE AND POST-WAR RESTORATION OF UKRAINE

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The integration of the Ukrainian education system into the European educational space not only opens up prospects for international cooperation, but also sets new goals for improving all components of the educational process, especially in the higher education system. Ukraine is an active participant in integration processes in the field of higher education of European countries. One of the most important directions of state policy in the field of higher education in modern conditions is ensuring high quality professional training of specialists based on preserving its fundamental nature, compliance with the current and prospective needs of the individual, society and the state, maintaining competitiveness and international integration.

At the same time, modern changes in the country's economic development require fundamentally new approaches to the formation of human resources in the system of managing the country's natural resources, among which land and water resources of Ukraine occupy a special place.

The main tasks of land management education [3,4] are: satisfying the interests of the individual in the continuous improvement of professional, general educational and general cultural levels, creating conditions for constant updating and deepening of professional knowledge, skills and abilities; psychological restructuring of stereotypes of the activities of land management engineers. Modern professional education of land managers should solve three main functions [3]:

1. To form adequate relationships in the chain "Man - Nature - Society" and in nature itself. This allows the individual to know what and how between man and nature, between nature and society and how to act from the point of view of socio-economic and ecological expediency.

2. To form environmentally appropriate behavior of the individual, for this purpose an appropriate attitude towards nature is also necessary.

3. Forms a system of skills, abilities and strategies of interaction with the environment for the purpose of sustainable use of natural resources. Special attention should be paid to forecasting the rational use of land resources, and professional activity should be devoted to the problems of land management, land assessment and be based on the application of modern information technologies and GIS.

In addition to the above socio-economic and environmental, the training of land managers should also perform the following functions:

I. To develop a person's communicative abilities through the clarification of concepts that are a necessary component of the modern communicative minimum of every person, regardless of their educational and social status.

II. To perform an informative function, since professional education in geodesy and land management provides comprehensive information about the natural environment, natural resources that constitute the material basis of human existence, and clarifies the place of man in nature.

III. To form the personality of a specialist and citizen, developing mainly the psycho-emotional and intellectual spheres, the ability to think logically, and the ability to predict the consequences of one's behavior in nature and society.

In the conditions of modern Ukraine, the training of specialists in the field of geodesy and land management is of critical importance. Armed aggression, which has been going on for the fourth year, is causing unprecedented damage to the country's environment in general and to its individual components. Not only the population, objects of the economic complex and infrastructure, but also all components of the natural environment of Ukraine are suffering from hostilities. In fact, since February 24, 2022, the country has turned into a military training ground for testing numerous types of weapons and practicing modern methods of warfare. The damage caused to the environment of Ukraine because of the military invasion as of the beginning of 2024 is about \$ 59.7 billion, of which 49.0% is damage to atmospheric air, 50.2% is damage to land and water resources [1,5].

The post-war reconstruction of entire regions of the country will require, first, large-scale work, which should later form the basis of updated land management and land use schemes for territories, where, along with classical engineering topographic and geodetic research and development, modern assessments of socio-ecological orientation should be presented.

The new model of training specialists in geodesy and land management should provide for increased pluridisciplinarity, i.e., a combination of disciplines between which certain meaningful connections are assumed, and interdisciplinarity - the interaction of several disciplines for the purpose of mutual integration. The characteristic features of higher education should be the rejection of stereotyped thinking, orientation on the development of creative potential and an individual approach to each higher education applicant.

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