

INTERNATIONAL CERTIFICATION OF COMPUTER SKILLS IN UKRAINE IN THE FIELD OF ECOLOGY

Abstract. *The article examines the role of international certification of computer skills for specialists in the field of ecology in Ukraine. The importance of digital competencies in the context of sustainable development and European integration processes is analyzed. The main certification programs, their impact on the professional development of ecologists and integration into the educational system are identified.*

Key words. International certification, computer skills, ecology, digital competencies, sustainable development, Ukraine.

In today's digital transformation of society, international certification of computer skills is becoming an integral part of professional training for specialists, particularly in the field of ecology. In Ukraine, this process is gaining particular importance in the context of European integration and the implementation of the principles of sustainable development. International certification programs, such as ECDL/ICDL (European/International Computer Driving Licence), Microsoft Certified: Fundamentals, as well as specialized courses on Coursera, edX, Udemy and other platforms, allow ecologists to confirm their skills in working with data, using geographic information systems (GIS), processing environmental information and automating research. According to a UNESCO study (2022), possession of digital competencies is one of the key factors for employment in the field of sustainable development.

In Ukraine, the process of integrating international certification in the field of ecology is supported by state and educational institutions, in particular through the introduction of relevant modules into higher education. According to the analytical report of the Ministry of Digital Transformation of Ukraine (2023), more than 60% of students of environmental specialties are interested in obtaining international certificates to increase competitiveness in the global labor market.

The main advantages of international certification for Ukrainian ecologists are: improving the quality of professional activity through the introduction of IT tools in environmental research; recognition of qualifications at the international level; expanding opportunities for participation in international environmental projects.

Conclusions. International certification of computer skills is an important condition for the successful professional activity of ecologists in Ukraine. Its development contributes to the integration of Ukrainian specialists into the international educational and scientific space, improves the quality of environmental research and supports sustainable development goals. Further popularization of certification programs among students and young scientists should become a priority for educational institutions and government agencies.

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