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Antonina Sholoiko, Doctor of Economics,
Associate Professor,
<https://orcid.org/0000-0003-1239-4281>
Taras Shevchenko National University of Kyiv, Kyiv

CYBER SECURITY AS THE NEW SUSTAINABLE DEVELOPMENT GOAL

Summary

Under active digitalization of the economy and society, there is an urgent need to strengthen cyber security at all levels. The purpose of the article is to ground scientifically the identifying cyber security as the new sustainable development goal. This goal was achieved through the following tasks: to find out the level of actualization of cyber security issues both in Ukraine and in the world; to summarize the trends of digitization of the economy and society in the Eurozone; to determine the dynamics of losses from cybercrime in the world and trends in their financing through the use of cyber insurance.

Implementation of the set tasks was carried out on the basis of the application of Google Trends to determine the level of actualization of cyber security issues in Ukraine and in the world; the Digital Economy and Society Index is used to identify trends in digitalization of the economy and society in the Eurozone; the dynamics of losses from cybercrime in the world are determined on the basis of Statista data, and the trends of their financing through the use of cyber insurance are clarified on the basis of GlobalData.

The feasibility of strengthening cyber security at the global level and including cyber security in the Sustainable Development Goals is substantiated based on the identification of growing trends as for: interest in cyber security issues in Ukraine and in the world after the pandemic (peaks in Google Trends were achieved in recent years); digitalization of the economy and society in the Eurozone (from 33.7% in 2017 to 52.3% in 2022); the amount of losses from cybercrime in the world (from USD 0.7 trillion in 2017 to USD 7.08 trillion in 2022); the volume of collected cyber insurance premiums in the world (from USD 4.7 billion in 2017 to an estimated USD 16.7 billion in 2022). Above results indicate the acuteness of the issue of ensuring cyber security at the global level and the necessity of its inclusion to the Sustainable Development Goals. Prospects for further research are in the formation of a cyber security system at all levels.

Keywords: cyber risk, cyber insurance, cyber space, cyber attack, cyber crime, digital economy.

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