

THE ESSENCE OF THE DEFINITION OF THE TERM ENVIRONMENTAL SAFETY OF THE TERRITORY AND THE SOLUTION OF THE PROBLEM OF ITS SECURING

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Purpose. Is devoted to comparative analysis of the definitions of "environmental safety" currently existing in the legislation of Ukraine and some States-participants of the Commonwealth of Independent States legislated, the legislative definition of "national security" is provided. Two competing concepts of sustainable development to select a single concept for solution of problems of forecasting of ecological safety have been considered. **Methodology.** We applied the analysis of the existing legislation of Ukraine and some States-participants of the Commonwealth of Independent States definitions of the term "environmental security". As well as, evaluation of two concepts of sustainable development the solution to the problem of environmental safety of the state. **Originality.** We have carried out analysis of existing definitions of environmental security and explored the two concepts of sustainable development to solution the problem of environmental security Usually, the safety is treated as a state of protection of vital interests of a person, society or state from internal and external threats. The first decade of the twenty-first century is the time of awareness of the crisis of human civilization, which is based on individualism, consumption and the subordination of nature. It is the time of awareness that nature has the absolute value not because of its usefulness, but because without it the humanity would not exist. Ecological forecasts of the future that awaits each person individually and the humanity as a whole are becoming increasingly relevant with the development of the crisis. **Practical value.** Given scientific and correct definition of the term "environmental security". To solution the problem of environmental safety of selected technological concept of sustainable development. *References 19, tables 2, no figures.*

Key words: ecological safety of territory, forecasting, concept development.

СУТНІСТЬ ВИЗНАЧЕННЯ ТЕРМІНУ ЕКОЛОГІЧНА БЕЗПЕКА ТЕРИТОРІЇ ТА ВИРІШЕННЯ ПРОБЛЕМИ ЇЇ ЗАБЕЗПЕЧЕННЯ

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Стаття присвячена порівняльному аналізу існуючих в наш час у законодавстві України та деяких держав-учасниць СНД визначень терміну «екологічна безпека», наведене законодавчо оформлене визначення терміну «національна безпека». Розглянуті дві конкуруючі між собою концепції сталого розвитку для вибору єдиної концепції вирішення проблеми прогнозування екологічної безпеки. Зазвичай безпеку трактують як стан захищеності життєво необхідних інтересів людини, суспільства, держави від внутрішніх та зовнішніх загроз. Перше десятиріччя XXI століття – це час усвідомлення кризи людської цивілізації, яка заснована на індивідуалізмі, споживанні та підпорядкуванні природи. Це час усвідомлення того, що природа має абсолютну цінність не тому, що вона корисна, а тому, що без неї людство не зможе існувати. Екологічні прогнози майбутнього, яке очікує на кожну людину окремо та людство в цілому, з розвитком кризи набувають все більшої актуальності.

Ключові слова: екологічна безпека території, прогнозування, концепції розвитку.

PROBLEM STATEMENT. Today there is practically no well-established definition of "environmental safety urban area", methodology which would allow to determine its level; systematization and analysis of modern techniques and technologies to create an integrated system of removal, decontamination, sorting, processing, utilization of wastes of production, consumption, joint land use residents of local communities. This situation requires the development of informational and methodological foundations, fragments of the software of research of this direction, determination of the list and focus of measures to improve the environmental safety of the territories that would meet the requirements of accessibility, flexibility and adaptability to practical application in the modern world.

The purpose of the article at improving the planning and management of subordinates management measures relevant factors for the ecological safety of territories at the expense of refinement of the definition of the term "environmental security".

The subject of the research is the process of diagnosing and managing the ecological state of the territory, which determines the constancy of ecological safety of territory at various levels of the organizational hierarchy and management.

The object of the study – methodology of assessment and analysis of the influence of individual factors on the ability to ensure the ecological safety of territory.

EXPERIMENTAL PART AND RESULTS OBTAINED. To quote [1] "...Any situation, circumstances or actions that lead to the disintegration

of families, not only are inhumane and contrary to nature, but there is violence against nature. If you break the branches on the plant, or cut flowers and leaves – the plant withers and dies...". "...The neglect of natural features, a free exit for their limits amounts to a contempt of the values of life itself, its destruction. It is all created nature corresponds to the immutable laws of life that operate from birth to death... life from the very beginning based on the law of nature, which neither violence nor the choice. It is natural, it has natural liberty..."

Planet Earth is our home. We should reasonably manage in it. "...Housing should be served by those who live there...". And we still operate poorly.

The ecological crisis on our planet deepens. Depressed Geos, which pushed the Technos from the state a reasonable degree of conformity in the anthroposphere, begins to take revenge on the person the inclusion of protective mechanisms of the Planet. And the Earth will tear away his foolish children

At the end of the twentieth century, the society faced a critical phase in its development. The governments and peoples of all countries of the world have yet to be fully understood to enable the change of the environment among the priorities of the population. It turned out that environmentally friendly technologies are absent or are very expensive. Has an underestimation of the moral-psychological character, which leads to the awareness of the harmful effects of anti-environmental actions.

The essence of the problem of environmental safety associated with the proposed further development of the world as a whole and each state separately.

Basic characteristics of the national security state are a complex combination of internal and external factors of the main components of security, such as syrevo resource, energy, financial, military, economic, technological, nutritional, informational, demographic, environmental safety.

The law of Ukraine "On fundamentals of national security" defines the national security as the protection of the vital interests citizen, society, state, which ensured the sustainable development of society, timely identification, prevention and neutralization of real and potential threats to national interests in the fields of law enforcement, fight against corruption, border management and defence, migration policy, health, education and science, scientific-technical and innovation policy, cultural development of the population, freedom of speech and information security, social policy and pensions, housing and utilities, financial services market, protection of property rights, stock markets and securities, tax-budgetary and customs policy, trade and entrepreneurship, the market of banking services, investment policy, audit, monetary and exchange rate policies, information security, licensing, industry and agriculture, transport and communications, information technology, and energy efficiency, functioning of natural monopolies, the use of subsoil, land and water resources, mineral resources, protection of ecology and environment the natural environment and other

spheres of public administration under the appearance of negative trends to the creation of potential or real threats to national interests [2]

In this paper [3] the question of harmonizing terminology in the area of human activity, as ensuring public safety and natural divisions. In fact, it characterizes geosystems (ecological systems) of different hierarchical ranks, from biogeocenosis (agro, urbocenoses) to the biosphere as a whole. The term "environmental safety" associated with the concept of sustainable environment that provides an opportunity to improve the quality of life, security from natural and man-made disasters, the possibility of sustainable progress of society and the state. Kaczynski A. B [4] rightly points out that so far in this area of scientific activity there is no universally accepted system of terms, concepts and definitions. On the formation of the system and directed the theory of national safety.

When defining the notion of environmental safety should take into account the characteristics and specific laws of development and finally features the environmental safety. The structure of the definition should be correlated with the ascendant definition of national sty. The word "opportunity" used in this definition due to the fact that the quality of life and the stability of the progress of society and the state ensured not only the stability of the environment and socio-economic structure of society in each state. Hmil A.A [5] notes that the environmental safety of the state is a complex socio-economic problem that is determined by natural, economic, technological, legal and social factors. The interdisciplinary nature and the complexity of that problem you helps to use a systematic approach to the study of problems of environmental security, the development and use of methods of management. Environmental safety largely depends on the extent of threats or risks that arise as a result of manifestations of natural forces, technological accidents, certain people's actions in normal or extreme conditions. Under adverse circumstances these threats may be realized and cause devastating effects on the development of a particular state, to pose a significant threat to its national security.

The law of Ukraine "On environmental protection" dated 25 June 1991 (as amended on 18.11.2012.), article 50 [6] specifies that "environmental safety" is a condition of the natural environment that ensures the prevention of environmental degradation of and danger to people's health. Environmental safety is guaranteed to citizens of Ukraine by implementing the broad complex of interrelated political, economic, technical, institutional, state and legal and other activities.

"Environmental safety" the Law of the Republic of Belarus "About environment protection" dated 26.11.1992. (as amended on 16.06.2014, №161-W) is the state of protection of the environment, life and health from possible harmful influence of economic and other activity, emergency situations of natural and technogenic character [7].

"Environmental safety" the Law of the Kyrgyz Republic "On environmental protection" dated 16.06.1999 (ed.No. 17, which came into force on 23.07.2015) – the state of protection of vital interests of

person, society, protection of the environment as the conditions and means of human existence and the society from threats resulting from anthropogenic and natural influences on them [8].

"Environmental safety" Environmental Code of the Republic of Kazakhstan dated 9.01.2007, №212 - III (15.06.2015) – the state of protection of vitally important interests and rights of the individual, society from threats resulting from anthropogenic and natural impacts on the environment [9].

"Environmental safety" based on the definition of ecological balance is a state of no violation of the ecological balance of the ecological system, or biotic community, where the ecological balance-ecological system is biotic or biotic community characterized by sustainability, capacity for self-regulation, resistance to disturbances, recovery the original state that existed before the violation of the equilibrium [10]. In the draft of the Federal Law of the Russian Federation "General technical regulations and environmental safety" environmental safety of economic activity is defined as a system of means and measures to prevent risk of harm to the environment [11], and in the Order of the Ministry of Defense of the Russian Federation № 10 [12] the environmental safety of arms, military equipment and military facilities is defined as the property of arms, military equipment and military facilities to reduce the harmful effects of weapons, military equipment and military facilities on the environment and humans at all stages of the life cycle, except for their combat use. The most complete is the following definition of environmental safety as a component of global and national security, "Environmental safety" is a state of social relations in the field of ecology in which the system of state-legal, organizational, scientific-technical, economic and social means provided by the regulation of environmentally hazardous activities, use of natural resources. In the draft of the Federal Law of the Russian Federation "General technical regulations and environmental safety" environmental safety of economic activity is defined as a system of means and measures to prevent risk of harm to the environment [11], and in the Order of the Ministry of Defense of the Russian Federation № 10 [12] the environmental safety of arms, military equipment and military facilities is defined as the property of arms, military equipment and military facilities to reduce the harmful effects of weapons, military equipment and military facilities on the environment and humans at all stages of the life cycle, except for their combat use. The most complete is the following definition of environmental safety as a component of global and national security, "Environmental safety" is a state of social relations in the field of ecology in which the system of state-legal, organizational, scientific-technical, economic and social means provided by the regulation of environmentally hazardous activities, use of natural resources, environmental protection, safe for life and health of people, prevention of environmental degradation and risks to natural systems and population [13].

According to the new edition of the "Model Law on ecological safety" (decree of the Interparliamentary Assembly of States-participants of the Commonwealth of Independent States, resolution No. 22-18 from 15.11. 2003) [14]. "Environmental safety" - a system of political, legal, economic, technological and other measures aimed at guaranteeing safety environment and vital interests of man and citizen from the possible negative effects of economic and other activities and threats of emergency situations of natural and technogenic character in the present and future time. According to the Law of the Azerbaijan Republic on ecological safety, dated 08.06.1999 g no 677-IG (valid from 01.02.2013 No. 552-III QD) [15]. From the above variety of definitions, interpretation of the term "environmental safety" complement, Supplement, or summarize individual characteristics and components, however, although they were legitimate, is insufficient to display all the necessary meaning.

The existing interpretation of the term "environmental safety", though legitimate, complementary, to follow up, but quite insufficient to reflect the whole meaning of the definition. It is known that environmental security is an integral part of the national security state. Objects of national security are the people (person), society and the state. On this basis, clarifying and summarizing of the term "environmental safety" in national security, incorporated and other species [14-16]. The term "environmental safety" must satisfy the system requirements, are summarized in table. 1. Information environment that produces meaning and defines the term "environmental safety" includes:

- 1 – the aspect that is being considered (internal, external);
- 2 – the management of information flows;
- 3 – the state of society;
- 4 – action (clearance, disposal of wastes, preventive actions);
- 5 – the effect of different factors;
- 6 – guarantees the life of the state;
- 7 – is the result of activities;
- 8 – forecasting situation;
- 9 – controlling the destabilizing effects;
- 10 – protection from threats;
- 11 – quality of substance's;

The results of the comparative analysis of existing definitions of the term "environmental safety" and proposed are shown in table 2.

"Environmental safety" is to ensure the vital interests of man and society, the protection of the environment from hazards arising from anthropogenic and natural impacts on it. From the above variety of definitions, interpretation of the term "environmental safety" complement, supplement, or summarize individual characteristics and components, however, although they were legitimate, is insufficient to display all the necessary meaning. The existing interpretation of the term "environmental safety," though legitimate, complementary, to follow up, but insufficient to reflect the whole meaning of the definition. It is known that

environmental security is an integral part of the national security state.

Table 1 – Terminology requirements

The basic requirements	of the Content
Adequate	Reflection of real processes
The Collateral	sufficient process accuracy
Measurability	the Possibility of quantitative measurements of the phenomenon
The dynamism	of the Justification of planned indicators with regard to the possibility of their change in time
Certainty	the Certainty of perception and interpretation
The information content (reliability of the documentary)	to ensure the objectivity, completeness, truthfulness according to the current accounting forms
The scientific character	of a Theoretical systematization of objective information

Table 2 – Comparison of definitions of the term "environmental safety"

The definition of the term "environmental safety"	Information environment (meaning)										
	1	2	3	4	5	6	7	8	9	10	11
1, The Law of Ukraine	+	-	+	+	-	-	+	+	-	+	+
2. The Law of the Republic of Belarus	+	-	+	+	-	-	-	-	-	+	-
3. Law of the Kyrgyz Republic	+	-	+	+	-	-	-	-	-	+	-
4. The Environmental Code of Kazakhstan	+	-	+	+	-	-	-	-	-	+	-
5. Ecological balance	+	+	+	+	-	-	-	-	+	-	-
6. The draft Federal Law of the Russian Federation	+	-	-	+	-	-	-	-	-	-	-
7. Order of the Ministry of Defense of the Russian Federation	+	+	-	+	-	-	+	+	-	+	+
8. The model Law of the Interparliamentary Assembly of States-participants of CIS	+	+	-	+	+	+	-	+	-	+	+
9. Life safety	+	+	-	+	+	+	-	+	-	+	+
10. Law of the Azerbaijan Republic	+	-	-	+	-	-	-	-	-	+	-
Proposed	+	+	+	+	+	+	+	+	+	+	+

Objects of national safety is the person (personality), society and the state. On this basis, clarifying and summarizing of the term "environmental safety" in national security, incorporated and other species [4-6]. Currently, despite the apparent diversity and variety of opinions, hypotheses and models that actually compete with each other the two concepts of further development of the world from the position of the

arisen environmental problems: anthropogenic or resource and biosphere.

Technological concept is the dissemination of best practices, which mankind possesses, in the near future. Models created in the framework of this concept, in ecological aspect set of arbitrary initial conditions with certain assumptions about future development and predict the standstill in development, the limitations of the physical end of the world.

Biosphere concept defines that sustainable development of nature, planet Earth, the biosphere is the ability of the biota to compensate for external disturbances due to the action of negative feedbacks induced by these perturbations, and to return the environment to the state that it is in this sense and is stable or dynamically stable. The main reason of global ecological disturbances and growing crisis, threatening the existence of humanity is a danger of destruction of the mechanism of the natural biota, which stabilizes the environment. Therefore, in the planetary and regional scale must be the greatest preservation of the natural and regulatory mechanisms of the existence of the environment (biota) in the required volumes. Relying on the provisions of the theory of biotic regulation and resilience it is established that the transition of the first threshold disturbance of biota occurred in the early twentieth century.

Therefore, the question is, did the transition to irreversible changes of the biota or its regulatory ability may be restored in full? The destruction of natural biota is proportional (or, more likely, proportionally) increase energy consumption, since man uses it only to rebuild and the destruction of the environment. And even if hypothetically transition to waste-free technologies, the cessation of contamination and the use of perfectly clean energy sources the environment will lose stability due to the destruction of natural biota, which continues.

Understand that under the first concept to address specific environmental problems of today with the forecasts the pollution of the environment, the development of norms of permissible pollution, the establishment of treatment systems and sustainable technologies in relation to planetary processes environmental safety is clearly not enough. But it always remains and will always remain very relevant on a local level, in places of population concentration, that is, primarily in the locations of major population and industrial centers. And without this work, to wait for the full disclosure of the mechanisms by which biota conducts and will continue to implement the regulation of the environment and to ensure consistency with the purpose of self-development is clearly inappropriate.

The population of Ukraine, as the whole of humanity is in the face of increasing environmental hazards. Economic transformations taking place in Ukraine, gave rise to a number of serious problems, the solution of which depends its development as a sovereign state. A priority area of public authorities was the development of the concept of national security and measures for its implementation taking into account processes of globalization and global integration. For the Kyiv city complex, which combines a broad socio-ecological-economic space, the solution to the problem of the harmonious development of any populated area becomes a significant liability and removes the problem of forecasting and improve the environmental security of urban areas with a phased implementation of an integrated system of collection, sorting, disposal and recycling of all types of waste at the level of the priority issues of local community

Therefore, scientifically correct definition of the term "environmental safety" should be the following definition: "Environmental safety" – this is the state of protection of environmental interests of personality, society, state, humanity from external and internal threats in order to ensure that correctly measured the influence of factors on the availability of the information environment, forecasting the situation ensure the functioning of man, economy and industry, monitoring of crisis situations and ensuring the environment safe for life and health of people, prevention of environmental degradation and risks to natural systems and population. To solution the problem of environmental safety of the populated areas we have chosen technological concept of sustainable development

CONCLUSIONS.

1. Analysis of categorical apparatus and methodological development of the understanding of the ecological safety of the territory as one of the fundamental categories of modern science allowed a more precise definition of the term "ecological safety of the territory" subject to the elements of the theory of national security.

2. To solve the problem of environmental safety are considered two really competing two concepts for further development of the world from the standpoint of environmental problems arising from anthropogenic and biospheric or resource.

3. According to the analysis of both these concepts in the development world in General and of each individual state, to solve the problem of environmental safety of technogenic spirations on the concept development

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СУЩНОСТЬ ОПРЕДЕЛЕНИЯ ТЕРМИНА ЭКОЛОГИЧЕСКАЯ БЕЗОПАСНОСТЬ ТЕРРИТОРИИ И РЕШЕНИЕ ПРОБЛЕМЫ ЕЁ ОБЕСПЕЧЕНИЯ

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Проведен сравнительный анализ существующих в наше время в законодательстве Украины и некоторых государств-участниц СНГ определений термина «экологическая безопасность», приведенное законодательно оформленное определение термина «национальная безопасность». Рассмотрены две конкурирующие между собой концепции устойчивого развития для выбора единой концепции решения проблемы прогнозирования экологической безопасности. Обычно безопасность трактуется как состояние защищенности жизненно важных интересов человека, общества, государства от внутренних и внешних угроз. Первое десятилетие XXI века – это время осознания кризиса человеческой цивилизации, которая основана на индивидуализме, потреблении и подчинении природы. Это время осознания того, что природа имеет абсолютную ценность не потому, что она полезна, а потому, что без нее человечество не сможет существовать. Экологические прогнозы будущего, которое ожидает каждого человека в отдельности и человечество в целом, с развитием кризиса приобретают все большую актуальность.

Ключевые слова: экологическая безопасность территории, прогнозирование, концепции развития.