

**ЕКОНОМІКА ТА УПРАВЛІННЯ НАЦІОНАЛЬНИМ ГОСПОДАРСТВОМ**

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**EVOLUTION OF THE SCIENTIFIC THOUGHT  
FOR THE ENVIRONMENTAL SAFETY  
MANAGEMENT OF THE STATE**

**Urgency of the research.** The importance of study on environmental safety of the state is extremely urgent, because the current state of the environment in the country becomes dangerous not only for the present, but also for future generations, that is a threat to the future development of the state and contrary to the principles of sustainable development.

**Target setting.** The problem of environmental safety comes first, because it aims to provide such usage of natural resources, which allows their natural regeneration or replacement.

**Actual scientific researches and issues analysis.** The issues, outlining the theoretical approaches to the environmental safety definition, have been investigated by the following scientists: A. Bykov, V. Vernadskyi, A. Kachynskyi, V. Pysariev, S. Kravchenko, S. Pyrozhhov, V. Selivanov and others.

**Uninvestigated parts of general matters defining.** The scientists have not investigated enough the issue of ecological safety management of the state.

**The research objective.** The article aims to analyze the main approaches of the evolution of scientific thought on the management of environmental safety of the state.

**The statement of basic materials.** The article examines the concept of environmental safety, which was quite widespread in the scientific literature while it is considered as an important element of national safety.

**Conclusions.** The environmental safety ensuring is one of the main priorities of society development. An effective environmental safety management could be possible only based on careful study of conditions of ecological danger arising in a particular region.

**Keywords:** safety; environmental safety of the state; environment; ecology; sustainable development.

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**Urgency of the research.** The current state of the environment in the country is dangerous not only for the present but also for future generations is a threat to the future development of the state and contrary to the principles of sustainable development. There is need for concerted actions of the state aimed at protecting the environment. So study the management of ecological safety of the state is important and requires a comprehensive study.

**Target setting.** The problem of environmental safety comes first in many countries because it is designed to provide a natural resource that promotes their natural regeneration or replacement.

**Actual scientific researches and issues analysis.** Issues that outlines the theoretical approaches to the definition of environmental safety, investigated V. Vernadskyi, Z. Deriy S. Kravchenko, V. Selivanov, M. Khylyk, V. Kravtsov, A. Kramnaia, N. Barbashova and others [1-4].

Uninvestigated parts of general matters defining. These circumstances lead to the urgent need for a comprehensive study and solution of problems related to environmental safety.

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**ЕВОЛЮЦІЯ НАУКОВОЇ ДУМКИ ЩОДО  
УПРАВЛІННЯ ЕКОЛОГІЧНОЮ БЕЗПЕКОЮ  
ДЕРЖАВИ**

**Актуальність теми дослідження.** Важливість дослідження питання екологічної безпеки держави є надзвичайно актуальним, адже сучасний стан екологічної ситуації в країні стає небезпечним не тільки для нинішнього, але й для майбутніх поколінь, що несе загрозу подальшому розвитку держави та суперечить принципам сталого розвитку.

**Постановка проблеми.** Проблема екологічної безпеки виходить на перше місце, оскільки вона покликана забезпечити таке використання природних ресурсів, яке сприятиме їх природному відновленню або заміщенню.

**Аналіз останніх досліджень і публікацій.** Питання, які окреслюють теоретичні підходи до визначення поняття екологічної безпеки, досліджували такі вчені: А. Биков, В. Вернадський, А. Качинський, В. Писарев, С. Кравченко, С. Пирожков, В. Селіванов та ін.

**Виділення недосліджених частин загальної проблеми.** Науковцями недостатньо опрацьовані питання щодо управління екологічною безпекою держави.

**Постановка завдання.** Стаття покликана проаналізувати основні підходи еволюції наукової думки щодо управління екологічною безпекою держави.

**Виклад основного матеріалу.** У статті досліджується поняття екологічна безпека, яке отримало достатньо широке розповсюдження в науковій літературі при цьому його розглядають як важливий елемент національної безпеки.

**Висновки.** Забезпечення екологічної безпеки є одним з основних пріоритетів розвитку суспільства. Ефективно управляти екологічною безпекою можна тільки на основі ретельного вивчення умов формування екологічної небезпеки у певному регіоні.

**Ключові слова:** безпека; екологічна безпека держави; навколишнє середовище; екологія; сталий розвиток.

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The research objective. The article is to study the evolution of scientific thought the concepts of «safety», «ecological safety», and justification of scientific approaches to management of ecological safety.

The statement of basic materials. The study of international experience and management of ecological safety state the subject of many works. The vast majority of researchers treats safety as a guarantee to all citizens of the state of appropriate conditions for their self-protection of life, liberty and property from infringement, by any person, organization, society or the state. Internationally, the concept of «safety» began actively taken after the publication of the UN Development Program (UNDP, UNDP) in 1993 «Human Development Report».

In most cases, the notion of safety considered in a broad scientific sense, meaning «safety» protection of natural-physiological, socio-economic and situational needs resources, technology, information and moral ideals necessary for the life and development of the population. The essence of environmental safety in the national and international literature is considered ambiguous.

From a scientific point of view, the issues of ecological safety is considered as the state of the system "man-nature-technology", which provides a balanced interaction of natural, technical and social systems, the formation of the natural-cultural environment, meeting the sanitary-hygienic, aesthetic and material needs of the residents of each region of the Earth while maintaining the natural resource and ecological capacity of natural systems and the biosphere's ability to self-regulation.

Environmental problems tend to affect life as a decisive factor or as a component of national welfare and the potential of the state. National and international safety is impossible without taking into account the environmental factor.

The economic policy to stimulate environmental safety must be effective, rational and socially directed, providing the necessary level of economic growth and meet the needs of the population without causing thus damage to the environment.

In a number of ecological safety management is treated and becomes broadly socio-economic content. In particular, A. Kaczynski gives the following definition of environmental security – a set of certain properties of the environment and created by the purposeful activity of man under which conditions, taking into account economic and social factors and scientifically permissible loads on the biosphere objects are kept at the lowest possible level of risk of anthropogenic impact on the environment and the negative changes taking place in it, preserve the health of life of people and excludes long-term consequences of this influence for the present and future generations [6].

M. Reimers of the opinion that the management of environmental safety – a set of actions, states and processes, that directly or indirectly, does not lead to serious losses (or threats of such damage) that are applied to the natural environment, individuals and humanity as a whole; a set of conditions, events and actions that ensure the ecological balance on Earth and in all its regions at the level to which physically, socio-economically, technologically and politically ready (maybe without serious damage to adapt) humanity [5].

Some other positions the concept of environmental security considers M. Khylo. While acknowledging the role of the factor of purposeful human activities, along with a set of specific properties of the environment in which economic, social factors and scientifically permissible loads on the biosphere objects are kept at the lowest possible level of risk of anthropogenic impact on the environment and the negative changes occurring in it, provided by the health and livelihoods of people and excludes long-term consequences of this influence for the present and future generations [7].

Analyzing numerous the concept of environmental safety can be formulated the author's definition of "environmental safety". In our opinion, the environmental safety is the ability of the management system to maintain the equilibrium and balance of relations in terms of "environment – society – economy – management", the ability to withstand internal and external threats and challenges and to ensure acceptable levels of risk of life of the population and sustainability of socio-economic development of the state and reproduction of natural and socio-economic potential.

The main goal of ecological safety of Ukraine should be the development of the conceptual basis of the overall strategy in the field of rational nature management and environmental protection, as well as their embodiment in practices, sustainable economic and social development of the state. This as-

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sumes the formation of new types of technological processes, social organization and management, the ability to solve environmental problems and to reduce any environmental hazards that represent a significant threat to the national safety of Ukraine.

The strategic goal of the state to ensure environmental safety is the elimination of a significant backlog of developed countries in the results of activities aimed at protecting the environment and ensuring a high quality of life. Finally, environmental safety policy Ukraine should integrate into the system of collective ecological safety.

**Conclusion.** The concept of environmental security is widely spread in the scientific literature, the researchers generally considered environmental security as an important element of national security. Analyzing the information regarding the conducted research on safety issues, it can be concluded that the ecological safety is one of the main priorities of development of society. To effectively manage the environmental safety can only be based on a careful study of conditions of forming of ecological danger in the state.

For Ukraine, the issues of environmental safety become a priority, because the environment and will determine the norms and style of society. All of the above defines environmental safety as a relevant research direction that requires further research.

The problem of environmental safety comes first in many countries because it is designed to provide a natural resource that promotes their natural regeneration or replacement.

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