



«CHALLENGES AND THREATS TO CRITICAL INFRASTRUCTURE»



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The collective monograph was prepared by ukrainian scholars within the framework of studies of a wide range of security issues. The authors of the monograph look at the problems of security of the state's security in a rich manner behind such basic warehouses as military security, information security, military-technical security, environmental and technogenic security

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IMPROVEMENT OF THE DECISION SUPPORT SYSTEM IN THE CONDITIONS OF THE INTRODUCTION OF THE LEGAL REGIME OF MARTIAL ARTS OR STATE OF EMERGENCY

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IMPROVEMENT OF THE DECISION SUPPORT SYSTEM IN THE CONDITIONS OF THE INTRODUCTION OF THE LEGAL REGIME OF MARTIAL ARTS OR STATE OF EMERGENCY

In order to further develop the scientific and technical foundations for creating an information and analytical subsystem for managing the processes of preventing and eliminating emergencies in the Unified State Civil Protection System, the paper considers the features of the functioning of situational centers at various stages of the development of emergencies, as well as the features of substantiation by experts of anticrisis decisions regarding the functioning public authorities, local governments, governments and civil protection forces to ensure an appropriate level of safety for the life of the population and the territory of the state. National security of Ukraine as an integral phenomenon encompasses political, economic, state, social, informational, economic, humanitarian, military, civil, fire, environmental and other types of security [1].

The regulatory and legal basis for the functioning of the national security system of Ukraine and its subsystems is built on the basis of the Constitution of Ukraine, the laws of Ukraine “On the Fundamentals of National Security of Ukraine”, “On the Defense of Ukraine”, “On the Legal Regime of Martial Law”, “On the Legal Regime of Civilian State”, “On Democratic and Civilian Control over the Military Organization and Law Enforcement Bodies of the State”, approved by the Decree of the President of Ukraine in accordance with the provisions of the Law of Ukraine “On the Fundamentals of National Security of Ukraine”, the National Security Strategy of 2015, other laws and regulatory legal acts, as well as on the basis of treaties and agreements recognized by Ukraine.

In the event of an emergency situation (ES) of a technogenic or natural nature not lower than the national level in Ukraine or in its individual localities, which has led or may lead to human and material losses, as well as pose a threat to the life and health of citizens, or in the event of an attempt to seize state power or change the constitutional order of Ukraine by force, a legal regime of a state of emergency may be temporarily introduced by a Decree of the President of Ukraine (subject to approval by the Verkhovna Rada of Ukraine) [2].

A state of emergency in Ukraine or in its individual localities provides for the granting to the relevant state authorities, military command and local self-government bodies in accordance with this Law of the powers necessary to avert a threat and ensure the safety and health of citizens, the normal functioning of the national economy, state authorities and local self-government bodies, and the protection of the constitutional order, and also allows for temporary, due to the threat, restrictions on the exercise of constitutional rights and freedoms of man and citizen and the rights and legitimate

interests of legal entities, indicating the term of validity of these restrictions.

In the modern history of independent Ukraine, a precedent arose on February 23, 2022. The President of the State issues Decree No. 63/2022 "On the introduction of a state of emergency in certain regions of Ukraine". The reason is the recognition by the leadership of the Russian Federation on February 21, 2022, of the independence of the self-proclaimed "LPR" and "DPR" and the decision to introduce units of the Russian Federation Armed Forces into the temporarily occupied territories of the Donetsk and Luhansk regions.

Such actions are a continuation of the policy of the Russian Federation to escalate armed aggression against Ukraine, impose separatism, provoke interethnic and interconfessional conflicts, and mass riots, which threatens the security, life and health of citizens, state sovereignty, constitutional order, and territorial integrity of Ukraine.

The subversive activities of the special services of the Russian Federation, the activities of separatist forces, criminal and illegal military groups supported by it in the occupied territories of the Donetsk and Luhansk regions, and their terrorist activities have acquired the character of armed confrontation and threaten to spread to other regions of Ukraine.

In the event of armed aggression or a threat of attack, a danger to the state independence of Ukraine and its territorial integrity, a legal regime of martial law may be temporarily introduced by a Decree of the President of Ukraine (subject to approval by the Verkhovna Rada of Ukraine) [3].

Martial law in Ukraine or in its individual localities provides for the granting to the relevant state authorities, military command, military administrations and local self-government bodies of the powers necessary to avert the threat, repel armed aggression and ensure national security, eliminate the threat of danger to the state independence of Ukraine, its territorial integrity, as well as temporary, due to the threat, restrictions on the constitutional rights and freedoms of man and citizen and the rights and legitimate interests of legal entities, with an indication of the term of validity of these restrictions.

For the first time, the decision to introduce martial law in 10 regions of Ukraine from November 26, 2018 for 30 days was made on November 26, 2018 in connection with the act of armed aggression of the Russian Federation in the Kerch Strait area against ships of the Naval Forces of the Armed Forces of Ukraine, the existing threat of a large-scale invasion of Ukraine by the armed forces of the Russian Federation.

On February 24, 2022, in connection with the military aggression of the Russian Federation against Ukraine, martial law was introduced by Decree of the President of Ukraine No. 64/2022 from 05:30 on February 24, 2022 for a period of 30 days. Subsequently, the term of martial law in Ukraine was extended: from 05:30 on March 26, 2022 for a period of 30 days in accordance with Presidential Decree No. 133/2022 of March 14, 2022; from 05:30 on April 25, 2022 for a period of 30 days in accordance with Presidential Decree No. 259/2022 of April 18, 2022; from 05:30 on May 25, 2022 for a period of 90 days in accordance with Presidential Decree No. 341/2022 of

05/17/2022; from 05:30 on August 23, 2022 for a period of 90 days in accordance with Presidential Decree No. 573/2022 of 08/12/2022; from 05:30 on November 21, 2022 for a period of 90 days in accordance with Presidential Decree No. 757/2022 of 11/07/2022; from 05:30 on February 19, 2023 for a period of 90 days in accordance with Presidential Decree No. 58/2023 of 02/06/2023

In connection with the introduction of martial law in Ukraine, the State Emergency Service of Ukraine (SES) immediately, together with regional, Kyiv city state administrations, other state bodies, institutions, enterprises, organizations of all forms of ownership, brought the Unified State Civil Protection System (USCS), its functional and territorial subsystems into readiness to perform tasks as assigned in a special period. Measures to eliminate the consequences of emergencies, fires and dangerous events on the territory of Ukraine are carried out by civil protection forces, including units of the Operational Rescue Service of Civil Protection, with the involvement of bodies of the National Police of Ukraine and units of the National Guard of Ukraine in accordance with the tasks assigned to them.

Direct organization and coordination of work on liquidation of the consequences of emergencies, fires and dangerous events are carried out by: exchanging information on the threat or occurrence of emergencies, fires and dangerous events in different regions of the country; holding joint operational meetings of the Head of the State Emergency Service or his deputies with the Head (deputies) of the National Police of Ukraine and the Commander (deputies) of the National Guard of Ukraine, heads of territorial bodies of the State Emergency Service with heads of territorial (including interregional) bodies of the National Police of Ukraine and operational-territorial associations of the National Guard of Ukraine; carrying out joint measures according to plans for interaction between management bodies and civil protection forces in the event of an emergency, which are developed at the regional and local levels; holding joint exercises and training; carrying out other measures.

One of the promising areas of development of information and analytical support for making management decisions, interaction, coordination and control over the activities of executive bodies, law enforcement agencies and military formations in the spheres of national security and defense in peacetime, as well as in a special period, including under martial law, under a state of emergency and during the emergence of crisis situations that threaten the national security of Ukraine, is the creation and expansion of a single network of situation centers, which should include the Main Situation Center of Ukraine, the Government Situation Center, situation centers of security and defense sector bodies, situation centers of central executive bodies, the Council of Ministers of the Autonomous Republic of Crimea, regional, Kyiv and Sevastopol city state administrations, as well as reserve and mobile situation centers [4]. Based on this perspective, the authors in [5, 6] proposed the creation of an effective information and analytical subsystem for managing the processes of prevention and localization of the consequences of emergencies by comprehensively including in the

operating system of the Unified State Emergency Management System vertically from the object to the state levels various functional elements of the territorial emergency monitoring system and components of the system of situational centers, which are tightly interconnected at the information and executive levels to make appropriate anti-crisis decisions to solve various functional tasks of monitoring, prevention and liquidation of emergencies of a natural, technogenic, social and military nature. It is shown that the main function of the system of situational centers at all levels of management of the Unified State Emergency Management System is to collect and process factual information, forecast the risk of various types of emergencies and develop effective anti-crisis solutions.

The procedure for making managerial decisions is complicated by the fact that the necessary conditions for the effectiveness of decisions are their timeliness, completeness and optimality. Therefore, increasing the effectiveness of decisions is associated with the need to solve the problem of multi-criteria optimization under conditions of uncertainty, which requires the development of formal, normative methods and models for a comprehensive solution to the problem of decision-making under conditions of multi-criteria and uncertainty in managing the processes of prevention and localization of the consequences of emergencies to ensure the effective functioning of the Unified State Emergency Management System.

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