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STRUCTURAL AND FUNCTIONAL MODEL OF THE NATIONAL FOOD SECURITY ASSURANCE SYSTEM IN THE STATE REGULATION OF UKRAINE'S ECONOMY

The article examines the theoretical and methodological foundations for developing the National Food Security Assurance System of Ukraine as an integrated mechanism of state economic regulation under conditions of growing military, economic, social, climatic, and institutional risks. It is substantiated that contemporary challenges require a transition from improving separate food security instruments to establishing a comprehensive system capable of ensuring the long-term resilience of the national food system through integrated risk management. The subject of the research is the theoretical, methodological, and applied principles of constructing a structural and functional model of the National Food Security Assurance System of Ukraine. The purpose of the study is to develop the conceptual framework, architecture, structure, and functional support of the National Food Security Assurance System as an integrated system of state economic regulation aimed at ensuring the physical and economic accessibility of food, strengthening food system resilience, and minimizing systemic risks. The methodological basis of the study relies on the systems approach, which made it possible to consider food security as a complex multi-level socio-economic system. The research employs methods of analysis and synthesis, comparative analysis, structural-functional analysis, structural-functional modeling, systems modeling, logical reasoning, abstract-theoretical analysis, and scientific generalization. As a result, the author develops an original structural and functional model of the National Food Security Assurance System of Ukraine, identifies its conceptual principles, architectural framework, structural levels, functional modules, and mechanisms of interaction. A five-level architecture of the system is proposed, including strategic, institutional-coordination, functional-operational, analytical-prognostic, and adaptive-corrective levels. Furthermore, a functional model integrating strategic, monitoring and analytical, legal and regulatory, organizational and coordination, resource support, digital and information, preventive, crisis response, control and evaluation, as well as innovation and adaptation modules into a unified public risk management cycle is developed. The scientific novelty of the study lies in the development of a comprehensive structural and functional model of the National Food Security Assurance System which, unlike existing approaches, integrates organizational, economic, institutional, digital, and information mechanisms of state regulation into a unified system ensuring long-term food system resilience. The practical significance of the proposed model lies in its potential application in the development of state food security policy,

improvement of the regulatory framework, preparation of national and regional development programs, coordination of public administration activities, and implementation of modern risk-oriented governance mechanisms under martial law and during the post-war recovery of Ukraine. The proposed approach contributes to strengthening national resilience, improving public administration efficiency, and ensuring sustainable development of Ukraine's food system.

Keywords: food security assurance; state regulation of the economy; structural and functional model; risk management; food system; social economy; national economy management.