

# SYSTEM APPROACH TO MODELLING THE PROCESSES OF CREATING THE RESOURCE POTENTIAL OF THE AGRARIAN SECTOR OF THE ECONOMY

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The article contains a description of the proposed approaches to modelling the concept of reproduction processes of the resource potential of the agrarian sector. The system general models in the form of black and white boxes reflecting the concept of reproduction of the resource potential, its structure, features of the production cycle in various fields of the agricultural sector are presented. The results of the research are the developed approach to modelling the concept of reproduction of resources of the agricultural sector, factor econometric models, taxonomic evaluation of reproduction processes. The main purpose of the simulation is the forecast of economic growth in the agricultural sector of the economy. Determination of the processes of reproduction and factors of influence, allow to form a strategy and dynamic mechanism of reproduction of the resource potential of the agrarian sector. The purpose of the article is to present a systematic approach to modelling

the system of reproduction of the resource potential of the agrarian sector of the economy. The integrated synergistic approach to reproduction processes involves the gradual convergence and integration of parts in the process of interaction (mutual influence, interpenetration, mutual enrichment), which necessitates the comprehensive study of the factors of influence on the processes of reproduction. The resource potential of the agrarian sector of the economy should be considered as a combination of natural, material, human and information resources and the conditions for the development of their environment (territory, community, enterprises, region, state). The defined concept of the processes of reproduction of resource potential implies further elaboration of each area of resources and modelling of each area within the framework of regional development taking into account the peculiarities of agricultural territories and their socio-economic development.