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INVESTMENT PROCESSES IN AGRICULTURAL ENTERPRISES: MODELING AND RISK ASSESSMENT

The research shows the necessity of investing activities in agricultural enterprises. The current level of investment activity of business entities in Ukraine was evaluated. Analysis of the level and rate of foreign investments into the country, including areas of economic activity was done. The work described investment activity in Zhytomyr agriculture, in particular focusing on justification of investments into new innovative projects that will enhance the competitiveness of enterprises of the agrarian sector. The work presents the results of regression analysis and forecasting of investment levels in the near future. It also built a Monte Carlo simulation model, offering an additional ability of risk assessment in the implementation of investment projects through the use of random scenarios. The work also identified various issues with investment activity, as well as ways to solve them.

Keywords. Investments, investment activity, foreign investment, agricultural enterprises, prediction, modeling of the investment processes.