

ABSTRACT

The theme: «Using of real options in risk management of investment projects.»

Dissertation includes 118 p., 7 fig., 29 tabl., 1 appendix, 17 bibliographic references.

The object of research: financial risks of investment project and its risk management using methods and tools of real options.

The subject of research: financial relationship between the state and private investors to implement investment projects.

The aim - to develop a model of financial risk management of the project, which involves the use of real options method under uncertainty.

The dissertation shows the advantages of using real options method compared to using discounted cash flow analysis and assessment of financial performance under conditions of high uncertainty. The conditions for the use of real options in infrastructure projects and made the calculation of the cost of the project of construction of a large ring road around Kyiv using the Black-Scholes formula, methods Datar-Matthews and fuzzy sets.

OPTION, THEORETICALLY PRICE, BINOMIAL MODEL, BLACK-SCHOLES FORMULA, STOCK MARKET INVESTING.