

Risk-oriented technique of real investments management: Concepts

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Abstract

© 2014, Mediterranean Center of Social and Educational Research. All rights reserved. One of the main objectives of real investment management is increasing in company's revenues and market value. Long time lag of income from investments, the scale of investments, and a high level of uncertainty in their implementation makes the questions of project risk management actual. We focused on systematization of methods to measure, report and manage project risks. The paper suggests the concepts of risk-oriented methodology of project risk management. We assumed similar results ranking of investment projects in terms of risks, using Monte Carlo simulation and the fuzzy sets theory for risk assessment. In this study, was formed the empirical base, including investment projects of Russian pharmaceutical companies. The obtained results confirmed our hypothesis.

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Keywords

Fuzzy sets, Investment risks, Monte Carlo simulation, Pharmaceutical companies, Project risks, Simulation modeling