

Название публикации:

Environmental risk management system projecting of industrial enterprises

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Аннотация:

Modern urbanization and more and more increasing man-made impact on the environment inevitably lead to an increase in environmental risk for the population of industrial cities, increasing the probability of emergencies occurrence. The purpose of the article is to study the environmental risks and practical approaches to its quantitative assessment to justify the socio-economic efficiency of enterprises' production activities in the interests of system management of human security. The article identifies the main factors (technological, economic, etc.) that affect the environmental risk of industrial enterprises. A model of a two-level environmental risk management system aimed at full control of the enterprise environmental risk is presented. The method of trees allowing calculating probability of emergence and development of ecological risks is offered. Organizational and methodical guidance for the implementation of a two-level system of enterprises' environmental risk management have been developed. The article is intended for researchers, employees, management of industrial enterprises and Supervisory bodies dealing with environmental problems of industrial enterprises. © Foundation Environmental Protection & Research-FEPR.

Ключевые слова:

Design, Environmental risk, Environmental risk factors, Environmental risk management system, Organizational and methodological recommendations, Scenario tree