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Environmental threat calculation dealing with the risk of industrial atmospheric emission (Conference Paper)

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Краткое описание Просмотр приставочных ссылок (7)

The following work proposes an estimation procedure of risks based on the calculation modeling action of concentration of the environmental exposure thrown into atmosphere by industrial enterprises with consideration for atmosphere perseverance category and wind rose in the region. The information system of risk assessment employing the suggested mathematical model for computation of environmental hazards is described in the article. The information system has client/server architecture and uses OLAP technology to get the necessary information. The received data on Ust-Kamenogorsk allowed the authors to analyze the weighting risk coefficient effect on per unit value of environmental threat. The calculation is performed for the city of Ust-Kamenogorsk. © Springer Nature Switzerland AG 2019.