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MODELS OF FUNCTIONAL RELATION BETWEEN DEMOGRAPHIC INDICATORS AND ENVIRONMENTAL PERFORMANCE

Models of the demographic indicators dynamics, environmental pollution and their relation have been developed based on the data obtained in Omsk city for the period from 1970 to 2008. A linear dependence between the mortality rates and air pollution, as well as the influence of air pollution on the incidence of tonsils, have been revealed. The results can be used in the process of strategic planning of the region development.
Keywords: model, statistics, demographic indicators, environmental pollution.

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