



Modeling of hazardous wind conditions in cities

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We consider the problem of risk of the death in their homes due to poisoning carbon monoxide and methane during the heating devices. This often happens when strong winds above the city. Areas of high anomalies atmospheric pressure are dangerous for heating homes. The problem of mathematical modeling of the formation of dangerous atmospheric anomalies in a large city. Problems of mathematical modeling of the formation of a strong wind near the buildings of zones of excessive static pressure. It shows the advantages of mathematical modeling to physical experiments.