

**NEW IN THE APPROACH TO MODELING AND INTERPRETATION  
OF A CONCENTRATION FIELD POLLUTANT  
FROM A SOURCE OF GAUSSIAN TYPE**

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Essential defect of models of non-stationary concentration fields (NCFs) from the instant point source, used at the description of emergencies, is getting of concentration, equal to the infinity, in the initial moment of time. In the given work reasons about possible updating NCF from the instant point source are offered by its transformation in NCF from the distributed source of Gaussian type, formed from a virtual instant point source. Besides in the article two approaches to introduction of the amendment into dispersions of model of NCF from source of Gaussian type are considered.