

Decision-Making System to Monitor the Quality of Atmospheric Air in Industrial Centers

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Abstract: An approach to assessing the quality of atmospheric air in residential areas near industrial enterprises is proposed, based on multi-altitude monitoring and the difference in the dispersion of various pollutants (PP) depending on the class of atmospheric stability. A formalized approach to industrial emissions management has been developed for conditions of normal spread of toxicants (free convection), calm, as well as ground and elevated inversions in order to create a favorable living environment for the population (maintaining the quality of atmospheric air in residential areas).