[Assessment of ambient air quality in the localities by the calculation method in the sociohygienic monitoring].

https://arctichealth.org/en/permalink/ahliterature177541

Author: M V Vinokurov
         V B Gurvich
         S V Kuz'min
         O L Malykh

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Language: Russian

Publication Type: Article

Keywords: Air - standards
          Air Pollution - prevention & control
          Environmental Monitoring - legislation & jurisprudence - methods
          Humans
          Rural Population
          Russia
          Social Medicine - legislation & jurisprudence - methods
          Urban Population

PubMed ID: 15532483 View in PubMed
[Effect of auto-road complex in the city of Surgut on air pollution and population health].

https://arctichealth.org/en/permalink/ahliterature264399

Author: M V Vinokurova
M V Vinokurov
S A Voronin

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Publication Type: Article

Keywords: Air Pollutants - analysis
Cities
Environmental Exposure - adverse effects
Humans
Motor Vehicles
Particulate Matter - analysis
Public Health
Retrospective Studies
Siberia
Urban health

Abstract: Currently, due to the increase in motorization, the problem of environmental pollution by emissions of objects of auto-road complex is becoming more and more important not only for cities, but for dynamically developing regional cities. The negative impact is characterized by the increase of the morbidity rate of environmentally-dependent diseases, primarily respiratory diseases, neoplasms. This exposure is most pronounced near the motorways, at the gas station, and also spreads to residential areas, which requires the optimization of protective and preventive measures. Presented article is devoted to the characterization of air pollution of various areas in the city of Surgut due to emission of sources of auto-road complex with the assessment of public health risks.

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The assessment and management of air quality of settlements is one of the priorities in the field of environmental protection. In the management of air quality the backbone factor is the methodology of the organization, performance and interpretation of data of field investigations. The present article is devoted to the analysis of the existing methodological approaches and practical aspects of their application in the organization and performance of field investigations with the aim to confirm the adequacy of the boundaries of the sanitary protection zone in the old industrial regions, hygienic evaluation of the data of field investigations of the air pollution level.
Hygienic problems in the protection of the environment and human health in the areas of chrysotile asbestos extract and utilization.

https://arctichealth.org/en/permalink/ahliterature171234

Author: E G Plotko, K P Seliankina, S V Kashanskiy, V V Ryzhov, M V Vinokurova, M V Vinokurov, A V Shtol'

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Keywords: Adolescent, Adult, Aged, Aged, 80 and over, Air Pollutants - adverse effects, Asbestos, Serpentine - adverse effects, Asbestosis - epidemiology - etiology - prevention & control, Child, Child, Preschool, Environmental Health - methods, Environmental Illness - epidemiology - etiology - prevention & control, Environmental Medicine - methods, Female, Humans, Incidence, Infant, Infant, Newborn, Male, Middle Aged, Retrospective Studies, Russia - epidemiology

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