

Dr Vladimir E. Tolsky, NAMI, Moscow, Russia, Corresponding member of Academy of transport of Russian Federation

PROBLEM OF ACOUSTIC POLLUTION OF THE ENVIRONMENT CAUSED BY AUTOMOBILE TRANSPORTATION

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The level of acoustic environmental pollution of major cities in Russia exceeds the limits of current sanitary regulations. The research defines and analyses major sources of noise produced by vehicles in traffic. Suggestions for application of active and passive methods of diesel engine structural noise reduction as well as other sources of noise are listed.

Key words: *acoustic, environmental pollution*

PROBLEMI AKUSTIČNOG ZAGAĐENJA ŽIVOTNE SREDINE PROUZROKOVANI AUTOMOBILSKIM TRANSPORTOM

Nivo akustičkog zagađenja životne sredine u velikim gradovima Rusije prevazilazi granice definisane važećim sanitarnim normama. Istraživanje definiše i analizira glavne izvore buke koju emituju vozila u saobraćaju. Sugerišu se preporuke za primenu aktivnih i pasivnih metoda sniženja strukturne buke motora kao i ostalih izvora buke.

Ključne reči: *buka, životna sredina*