

GENERAL AND SPECIFIC ASPECTS OF SUSTAINABLE DEVELOPMENT IN URBAN TRANSPORT

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Rezumat. *Deplasarea excesivă pe trasa stradală a orașelor cu autoturismul personal a produs asupra acestora fenomenul de congestie a traficului. Lucrarea științifică prezintă termenii de congestia traficului și dezvoltarea durabilă. În lucrare sunt prezentate soluții pentru diminuarea efectelor externe negative datorate utilizării excesive a autoturismelor personale pe trasa stradală din marile orașe. În ziua de azi, mijloacele de transport devin tot mai rapide și tot mai inteligente. Într-o lume a vitezei și pe o infrastructură care nu s-a dezvoltat în același ritm, având pe fond și eroarea umană, iminent apar accidentele și ambutejaje în trafic.*

Abstract. *Excessive travel on the street plot of cities by personal car has produced on them the phenomenon of traffic congestion. The scientific paper presents the terms of traffic congestion and sustainable development. The paper presents solutions to reduce negative externalities due to excessive use of personal cars on the street network in major cities. The paper presents solutions to reduce the negative externalities due to excessive use of personal cars on the street network in big cities. Nowadays, means of transport are becoming faster and smarter. In a world of speed and infrastructure, it has not developed at the same pace, with human error in the background, accidents and traffic jams are imminent.*

Keywords: Transport, sustainable development, public transport, traffic jam.

1. Introduction

Economic growth but also changes in travel behavior have led to an increase in traffic volume, with direct implications on the negative external effects of transport in social life (congestion, space occupancy, chemical and noise pollution, accidents, social inequity, etc.) [1], [3], [5].

Inside congested cities, road congestion is common due to the large number of cars. The level of congestion has become almost unbearable due to excessive use of the individual car on city streets.

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