

## SUMMARIES REZIMEI

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### AUTOMOBILE DEVELOPMENT FOLLOWED BY PROPHECY OF ECOLOGICAL DISASTERS

UDC: 338.45:629.113]: 504.054

**Abstract:**

There is no doubt that automobile belongs to the most important technical products of modern humankind. With its help, humans have achieved deeply embedded urge for freedom, independence and mobility. Automobile development takes place in such social climate, where, in public discussions, it is often proclaimed as "enemy of nature" or "climate killer No.1". In spite of long standing efforts of the automobile industry to decrease negative influence on nature, news are still spread that automobile keeps on endangering human environment. Automobile is proclaimed as responsible for "acid rains", "forest decay", "summer smog", "winter smog", "ozone hole", "climate catastrophe" and many other events. It is not always possible to reconstruct how different authors have reached the statements that are raised to universal dogmas and doctrines. Real influence of automobiles on nature and on human environment is well known today. Magnitude of these influences, compared to influences and traces of other human activities, allows the statement that automobile is unjustifiably and discriminatory proclaimed as "nature enemy No. 1"

**Keywords:** automobile, engine, fuels, ecology, climate, CO2 emission

### RAZVOJ AUTOMOBILA PRAĆEN PREDSKAZANJIMA O EKOLOŠKIM KATASTROFAMA

**Rezime:** Među najvažnije tehničke proizvode modernog čovečanstva spada bez sumnje automobil. Uz njegovu pomoć čovek je ostvario u njemu duboko usađene nagone ka slobodi, nezavisnosti i mobilnosti. Razvoj automobila odvija se već decenijama u jednoj društvenoj klimi, gde se često u javnim diskusijama automobil proglašava "neprijateljem prirode" odnosno "klima kilerom broj 1". I pored dugogodišnjih velikih napora automobilske industrije da smanji negativan uticaj na prirodu, još uvek se šire vesti, da automobil i dalje ugrožava čovekovu okolinu. Automobil je proglašen odgovornim za "kisele kiše", "umiranje šuma", "letnji smog", "zimski smog", "ozonsku rupu", "klimatsku katastrofu" i mnoge druge pojave. Kako su različiti autori došli do tih tvrdnji, koje su uzdignute do univerzalnih dogmi i doktrina, nije uvek moguće rekonstruisati. Stvarni uticaj automobila na prirodu i čovekovu okolinu je danas dobro poznat. Red veličina tih uticaja – u poređenju sa uticajem i tragovima drugih čovekovih delatnosti – dozvoljava tvrdnju da se automobil neopravdano i diskriminirajuće proglašava "neprijateljem prirode broj 1".

**Ključne reči:** Automobil, motor, goriva, ekologija, klima, CO emisija