

## VPLYV RÝCHLOSTI OSOBNÉHO AUTOMOBILU NA PRODUKCIU EMISIÍ OXIDOV DUSÍKA ZA STUDENEJ PREVÁDZKY OSOBNÉHO AUTOMOBILU

Viliam CARACH

Ústav montánných vied a ochrany životného prostredia, Deliusov Pavilón, Park Komenského 19, 043 84 Košice,  
viliam.carach@tuke.sk

### ABSTRACT

**Carach V.: The Influence of Personal Car Speed on Nitrogen-oxides Production During „Cold“ Car Operation**

The objective of this contribution is estimate the quantity of NO<sub>x</sub> emissions from personal vehicles traffic during so – called cold ride period of personal vehicle. Emission estimation from personal vehicles by cold was carried according to the methodology MEET which is in present used in countries of European Union. The methodologies MEET differs the emissions of pollutants which are originate by hot and cold vehicles traffic. By emissions originate by hot are differentiate emissions from gas and emissions from Diesel vehicles. At the same time to all personal vehicles types we pursue vehicles with catalytic converter and vehicles without catalytic converter.

**Key words:** MEET, cold emissions, urban traffic, nitrogen oxides