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FORECASTING POLLUTANT EMISSIONS OF THE URBAN VEHICULAR RUNNING FLEET BY MEANS OF SYNTHETIC INDICATORS

UDC: 621.43.068

The simple method here presented, devoted to the evaluation of the environmental performances of transportation systems, is mainly referred to the pollutant emission factors released within the "COPERT III" approach.

The method is here adopted for building up a synthetic indicator of the whole pollutant emissions from the transportation sector, in a given urban area.

The indicator can be utilised in the aim of comparing the environmental effects of different transportation policies: the introducing of modal changes in the transportation demand from private cars to public vehicles, for examples, could be suitably analysed.

Apart the knowledge of the proper pollutant emission factors, the method only requires the availability of data concerning the running car fleet of the considered site.

Keywords: Traffic pollution; vehicular fleet; sustainability indicators

PREDVIĐANJE EMISIJE GRADSKIH VOZILA PREKO SINTETIČKIH INDIKATORA

U radu je predstavljen jednostavan metod koji se bazira na određivanju faktora emisije u okviru projekta COPERT III, a u cilju određivanja zagađenja okruženja saobraćajnim sredstvima.

Metod je nadograđen upotrebom sintetičkih indikatora u cilju određivanja potpune emisijesaobraćajnih sredstava u urbanim sredinama.

Indikator može da se koristi u cilju poređenja različitih saobraćajnih režima: uvođenje modaliteta ide od privatnih putničkih vozila do sredstava javnog saobraćaja i svaki od njih može da bude analiziran.

Ključne reči: *emisija gasova, flota vozila*