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SZKOŁA GŁÓWNA HANDLOWA W WARSZAWIE  
WARSAW SCHOOL OF ECONOMICS

**WPLYW WPROWADZENIA OPŁAT KONGESTYJNYCH ZA WJAZD DO  
CENTRUM MIASTA NA LOGISTYKĘ MIEJSKĄ**

**Łukasz Gola**

**Rozprawa doktorska  
napisana pod kierunkiem Prof. SGH dr hab. Haliny Brdulak**

Szkoła Główna Handlowa w Warszawie

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## **Summary**

Urbanization with a common use of a car as the dominant means of transport led to the widespread problem of transport network congestion threatening the further development of cities and especially the area of their centers. In the case of several cities, which include London, Singapore and Stockholm, congestion charging systems for the city center entry were introduced with the aim to alter a travel behavior of residents and as a result improve the traffic flows in this area.

Since, the problems associated with the flows of people are of logistics nature this dissertation research is aimed at identifying and analyzing the impact of the implemented congestion charges on the city logistics. A list of conclusions that could serve as practical guidelines for cities considering the introduction of congestion charges for the city center entry was also developed.

The analysis carried out demonstrate that the charging system was an important impulse to change people's prevailing transportation choices but its effectiveness was dependent on the broader city logistics model. Environmental and socio-economic impacts of the charging system were dependent on the concept of the system, its effects, the use of revenue from the charges and the factors of the broader macroeconomic nature.

**Key words:** congestion charging, city logistics, traffic volume, external costs, traffic choices.